

Invitation

**1<sup>st</sup> INTERNATIONAL CONFERENCE ON  
RECENT TRENDS IN  
COMPUTING, SECURITY AND APPLICATIONS**

*The Computer Science Department of Mankar College solicits your  
presence on the Inaugural and Valedictory functions of*

**ICRTCSA - 2020**

**26<sup>th</sup> March, 2020**



**Organized by**

**Department of Computer Science  
Mankar College**

*In Collaboration with*

DEPARTMENT OF COMPUTER SCIENCE

**THE UNIVERSITY OF BURDWAN**

**Mankar College**

(*NAAC Accredited at B+*)

**Mankar, Purba Bardhaman, West Bengal, 713144**

**E.mail : [icrtcsa@gmail.com](mailto:icrtcsa@gmail.com) Website : [www.mankarcollege.ac.in](http://www.mankarcollege.ac.in)**

## SCOPE OF CONFERENCE

The aim of the conference is to provide an international forum for industry professionals, academicians and researchers to deliberate and state their research findings, discuss the latest advancements and explore the future directions in the emerging areas of **Computing, Security and Applications**.

Also **ICRTCSA-2020** aims to bring together both young and experienced scientists with developers to meet new colleagues, collect new ideas and establish new cooperation between research groups and provide a platform for researchers from academic field and industry to present their original work and exchange ideas, information, techniques and applications in the field of Security, Networking, Big Data, Cloud Computing, Data Analytics, IoT and other blooming areas of research. A poster presentation contest for students will also be held on the day of conference. Poster presentation topic is **“Cyber Security is Our Shared Responsibility”**. A minimum of 2 students and maximum 4 students can register for poster presentation. On the day of the seminar, everyone will have to register with the required money at counter from 8.30 AM onwards. The best poster award will be selected by a jury of experts and award will be presented during end of the conference.

## IMPORTANT DATES TO REMEMBER

Conference: **26<sup>th</sup> march, 2020** Website : [www.mankarcollege.ac.in](http://www.mankarcollege.ac.in)

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|------------------------------------|-------------------------------|
| ❖ Paper Submission Dead Line :     | March 15 <sup>th</sup> , 2020 |
| ❖ Acceptance Notification :        | March 17 <sup>th</sup> , 2020 |
| ❖ Registration and Camera Ready :  | March 22 <sup>th</sup> , 2020 |
| ❖ Poster Presentation (Students) : | March 24 <sup>th</sup> , 2020 |

Submit your paper : [icrtcsa@gmail.com](mailto:icrtcsa@gmail.com)

## Registration Fees

Academia / Research Scholar (Author) :	Rs. 1200/-
Corporate People:	Rs. 1500/-
UG/PG Student :	Rs. 150/-
Participants :	Rs. 500/-
Foreign Delegates :	\$ 50 (USD)

[ Each accepted paper needs at least one author to have one Full Registration (Academia/Corporate) ]

- **Original unpublished articles are invited for submission to following tracks including the topics, but are not limited to:**

- AI & Machine Learning
- Application security
- Attacks and defences
- Smart Grid Computing
- Bio-informatics
- Computational Intelligence
- Big Data Analytics
- IoT Architectures & Protocol
- IoT's impact on 5G
- Cloud & Fog Computing
- Wireless Sensor Networks
- Parallel & Distributed Networks
- Internet of Things Networks
- Social & Smart Networks
- Software-Defined Networks
- Cloud and web security
- Distributed systems security
- Digital forensics
- Hardware security
- Internet of things (IOT) security
- Intrusion detection and prevention system
- Neural Networks

- Vehicular Ad-hoc Networks
- Mobile Ad-hoc Networks
- Image Security & Forensics
- Theoretical Computer Science
- Pattern recognition
- Image Processing and analysis
- Wireless Network System and Security
- Biometrics Systems
- Cryptography and Data Security
- Data Privacy Preserving Techniques
- Software Quality
- Mobile security
- Network security
- Security architectures
- Security aspects of web application deployment
- Computer Vision
- Data Compression and database systems
- Digital Signal and Image Processing
- Distributed and Parallel Processing
- Distributed Systems
- E-commerce and E-governance
- Information System

### About the College:

Mankar College, established in 1987, has been serving the under-privileged students for more than thirty years. The college has been able to uphold the rich tradition of education rooted in the locality. The modern system of education began here when Pandit Iswar Chandra Vidyasagar established a normal school in the mid-19th century. In keeping with this tradition the College has established itself as a seat of learning disseminating the fruits of knowledge to a large underdeveloped rural area including the more backward jungle-mahal of West Bengal.

### About the Department:

Department of Computer Science, Mankar College, has been imparting quality education to students for over two decades. This department is a pioneer in starting under graduate Computer Science courses under the University of Burdwan, way back in 1999. Department has already undertaken many research projects funded by various funding agencies. The department has modern well-designed class rooms and are well equipped for adopting modern teaching aids like LCD projectors, Smart Class Rooms etc. The laboratories are well equipped with latest equipment, demonstration kits, charts etc. Effective and reasonable use of ICT - Google form of assignments is encouraged among students. The department has played a key role in making it one of the best in the University, known not only for its placement assistance but also for its focus on student-centric learning. The students of this department are working in India and abroad with reputed MNCs like TCS, CTS, Wipro, IBM etc and in different government organisations, Banks and PSUs.

### Location:

Mankar is well connected by both railways and roadways. The college is on the Bhatkunda highway, two kilometers from Mankar Railway Station and about a kilometre from the Mankar Bus Stop. It takes less than twenty minutes to reach the college from the railway station on foot. The buses plying to and from Bhedia stop almost at the college gate itself.

### Call for Papers:

All authors are requested to submit scholarly paper based on original unpublished work in the following format:

1. All manuscripts must be in English and in MS-Word (.doc, .docx) format.
2. The total length of the paper, including references and appendices, must not exceed six Letter Size pages. It should be typed on one-side with double column, single-line spacing, 10 font size, Times New Roman, in MS Word (.doc/.docx).
3. The Top Margin should be 1.52 cm, Bottom 1.27 cm, Left 2.03 cm, and Right 2.03 cm. Page layout should be portrait with 0.5 Header and Footer margins. Select the option for different Headers and Footers for Odd and Even pages and different for First page in Layout (under Page Setup menu option of MS Word). Authors are not supposed to write anything in the footer.
4. The title in bold should appear in single column on the first page in 16 font size, below which the name of the author(s), 12 font size, name of affiliation (Department name, College/University/Institute) 10 font size and email id should be provided centrally aligned in 09 font size.
5. To avoid unnecessary errors, the authors are strongly advised to use the "spell-check" and "grammar-check" functions of the word processor.
6. Author should type references in single-line spacing, 9 font size.
7. Abstract should be written within 150 words (maximum). Full Paper should be submitted in soft copy along with payment details copy within 20<sup>th</sup> March, 2020 at [icrtcsa@gmail.com](mailto:icrtcsa@gmail.com). Submitted paper name should be first author full name.doc or .docx, like KunalKumarMandal.doc or KunalKumarMandal.docx.

### Mode of Payment:

**Indian Delegates:** Payment can be made through the IMPS/NEFT/Internet Banking/Mobile Banking/Banking cards to the given conference account. Payment details are to be sent to the "Organizing Secretary (ICRTCSA – 2020)" via mail. Pay the total amount, part payment is not acceptable. Payment can also be made by cash on the day of seminar at the registration counter from 8.30 AM onwards.

**Foreign Delegates:** Foreign delegates must make the payments through bank transfer via IMPS/NEFT/Internet Banking/Mobile Banking/Banking cards. They have to send relevant document to the "Organizing Secretary (ICRTCSA – 2020)" via mail.

### Bank details for registration:

The Registration fee will have to be submitted online to A/C No.: 2247607941, Central Bank of India, Mankar, IFSC code: CBIN0281399. Branch Code : 281399, Mankar, Dist. : Purba Bardhaman, West Bengal, Ph\_No.: 0343-2517262.

### Key Note Speaker:

- 1. PROF. (DR.) UZZAL K. ACHARJEE**, Chairman, Dept. of CSE, Jagannath University, Bangladesh.  
Topic : " An SDN Based Distributed IoT Network with NFV Implementation for Smart Cities ".
- 2. DR. ANGSHUMAN JANA**, Assistant Professor, Indian Institute of Information Technology, Guwahati.  
Topic : "Abstract Computation for Static Program Analysis and Verification "
- 3. PROF. (DR.) A. C MONDAL**, Professor, Department of Computer Science, University of Burdwan.  
Topic : "Machine Learning to Deep Learning: A New Research Direction".
- 4. PROF. (DR.) S. KARFORMA**, Professor & Head, Department of Computer Science, University of Burdwan.  
Topic : " Information Security: An Overview ".

### Publications:

- ❖ *All authors are requested to submit scholarly papers based on original unpublished work having maximum page length of 6 pages.*
- ❖ *All papers will be blind reviewed by a team of experienced reviewers.*
- ❖ *All accepted papers will be presented in parallel sessions of ICRTCSA-2020 and selected papers will be published in ISBN numbered book as per recommendation of the review committee.*

### Organizing Committee:

<b>Chief Patron:</b>	<i>Dr. Sukanta Bhattacharyya, Principal, Mankar College.</i>
<b>Chairperson:</b>	<i>Amitava Bondyopadhyay, HOD, Department of Computer Science.</i>
<b>Organizing Secretary:</b>	<i>Kunal Kumar Mandal, Department of Computer Science.</i>
<b>Joint Secretaries:</b>	<i>Monalisa Sardar, Department of Computer Science. Bappaditya Modak, Department of Computer Science. Sk. Anamul Hoda , Department of Computer Science.</i>
<b>Members:</b>	<i>Puja Bhakta, Department of Computer Science. Prasun Pal, Department of Computer Science. Anurag Mukherjee, Department of Computer Science.</i>

### Contact Person:

**Amitava Bondyopadhyay, Chairperson, ICRTCSA-2020**

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**Organizing Secretary, ICRTCSA-2020**

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Mankar College, Mankar,  
West Bengal, India, 713144.**

**Web Address:** [www.mankarcollege.ac.in](http://www.mankarcollege.ac.in)

**Email:** [icrtcsa@gmail.com](mailto:icrtcsa@gmail.com)

**(All correspondence including registration and queries will be made through this email only)**

**Joint Secretaries, ICRTSA-2020**

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## ADVISORY COMMITTEE

Prof. (Dr.) Tandra Pal	Professor & Head, Dept. of Computer Science, NIT Durgapur.
Prof. (Dr.) Santanu Koley	Professor , Dept. of Computer Science, Haldia Institute of Technology.
Prof.(Dr.) S Karforma	Professor & Head, Dept. of Computer Science ,Burdwan University.
Prof.(Dr.) A.C Mandal	Professor, Dept. of Computer Science ,Burdwan University.
Dr. Debasis Das	Assistant Professor, Dept. of Computer Science ,IIT Jodhpur.
Dr. Mousumi Saha	Assistant professor, Dept. of Computer Science, NIT Durgapur.
Dr. Angshuman Jana	Assistant Professor , Dept. of Computer Science ,IIIT, Guwahati.
Dr. Kaustuv Nag	Assistant Professor , Dept. of Computer Science ,IIIT, Guwahati.
Dr. Dhananjoy Bhakta	Assistant Professor , Dept. of Computer Science ,IIIT, Ranchi.
Dr. Tapas Si	Assistant Professor, Dept. of Computer Science, BUIE.
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Dr. Ashok Pradhan	Assistant Professor, Dept. of Computer Science, SRM University.
Dr. Debabrata Samanta	Assistant Professor, Dept. of Computer Science, Christ University, Bangalore.
Dr. Parthajit Roy	Assistant Professor, Dept. of Computer Science ,Burdwan University.
Mr. Rahul Karmakar	Assistant Professor, Dept. of Computer Science ,Burdwan University.
Dr. Pallab Kumar Dey	Assistant Professor, Dept. of Computer Science, Kalna College.
Dr. Ajit Singh	Assistant Professor, Dept. of Computer Science, Netaji Mahavidyalaya, Arambag.
Mr. Saibal Sarkar	Dy. Director General & State Informatics Officer, National Informatics Centre, Kolkata.
Mr. Siddhartha Sen	Scientist-D, National Informatics Centre, Kolkata.
Mr. Somnath Saha	Assistant Professor, Dept. of Computer Science, Cooch Behar College.
Mr. Piyush Kumar Gupta	Assistant Professor, Dept. of Computer Science, Jamia Hamdard University.
Mr. Kaushik Kumar Mandal	Tech Lead at Yahoo!, Sunnyvale, California, USA.



*ICRTCSA – 2020*

**Registration Form for Participant (ICRTCSA – 2020)**  
**Organized by**  
**Department of Computer Science, Mankar College**

**Name (Capitals):**


**Address for Correspondence:**


**Mobile Number:**

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**E-mail:**

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**Sex (M / F):**

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**Institution:**

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**Designation:** Student ☐ Scholar ☐ Academia ☐ Corporate ☐ Participant ☐

**Food Preference:** VEG ☐ NON VEG ☐

**Total Fees Deposited:**

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**In Words:**

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**Payment Modes:**

Online ☐

Offline ☐

**Payment Date:**

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**Signature of the Participant**