

2nd International Conference on Innovations in Computer Science (ICICS-2024) (Hybrid mode)

December 6th, 2024

Organized by The Department of Computer Science, The University of Burdwan

About the University:

The University of Burdwan started its journey on 15^{th} June, 1960, with Sukumar Sen, an ICS, as its first Vice Chancellor. There are now about 32 Post – Graduate departments in various disciplines.

About the Department:

The Department of Computer Science of The University of Burdwan has successfully conducted M.C.A. programme from 1999-2000 to 2013-2016 session. The course was recognized by All India Council of Technical Education (A.I.C.T.E.), and the University Grants Commission (U.G.C.).

The Department has started M.Sc. (Computer Science & Application) course from the session 2015-16 considering the need of UG students in Computer Science/Applications. The course is recognized by the University Grants Commission (U.G.C.) with intake 30.

The Department also offers Ph.D. in Computer Science in the field of Artificial Intelligence, NLP, Soft Computing and Network Security & Cryptography, Bioinformatics since 2000.

The M.Sc. curriculums are innovative and designed in order to comply with the present need of Software Industries as well as Academic Institutions and research institutions.

Location:

The University of Burdwan is located at the Palace of erstwhile of Burdwan in Purba Barddhaman (Burdwan) town of West Bengal state of India. It is well connected by road and railways approximately 100 km from Howrah Railway Station and 120 km from Kolkata (Dumdum Airport).

About the Conference:

The Department of Computer Science is going to organize the 2^{nd} International Conference on Innovations in Computer Science, 2024 (ICICS – 2024) on 6th December, 2024. The Department has already successfully organized three international and two national conferences on same theme.

Important Dates:

| Abstract Submission Deadline | : | 31st Oct., 2024- 25 th November, 2024 |
|------------------------------|---|--|
| Registration Deadline | : | 28 th November, 2024 |
| Conference Dates | : | 6 th December, 2024 |

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All authors are requested to submit scholarly paper based on original unpublished work in the following format: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", Left2.03 cm", and Right 2.03cm". 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 16Font 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 be typed references in single-line spacing, 9 font size.
- 7. Abstract should be written within 300 words (maximum).

Easy Chair at: The authors are encouraged to submit their abstract in the pdf format using the following easy chair link: <u>https://easychair.org/my/conference?conf=icics20242</u>

Feel free to communicate with us / submit the abstract using the following email if you face any difficulties in submitting your abstract through the above mention easy chair link: icics2024.cs.bu@gmail.com

Papers are invited in the following fields (not limited to):

- Artificial Intelligence/
- Bioinformatics
- Software Engineering / Formal Modeling
- Network Security / E Commerce / E Learning / E Governance
- Soft Computing / Image Processing / Natural Language Processing / Document Processing / Pattern Recognition
- Parallel Computing / Distributed Computing / Mobile Computing
- Simulation and Modeling / VLSI Design

Registration Fees:

| UG/PG Students | : | Rs. 1000 (INR) |
|--|---|-------------------------------------|
| Research Scholar / Academicians (Faculty) | : | Rs. 2000 (INR) |
| Industry Delegates | : | Rs. 4000 (INR) |
| Foreign Delegates | : | \$ 100 (USD) |
| Accompanying Person / Guest | : | Rs. 1000 (INR) / \$ 20 (USD) |
| Accommodation including dinner (if needed) | : | Rs.1500 (INR) / \$ 10 (USD) per day |

Publications:

All accepted papers would be presented in the parallel session of ICICS-2024. All accepted & presented papers are published in extended abstract form.

Accommodation and Traveling Expenses:

Some accommodations are available at University Guest House provided request is obtained in advance with minimal charges and no traveling allowances will be provided on behalf of the department for attending the conference.

Places of Tourist Interest Near and Around Burdwan:

Shantiniketan: Famous for two Nobel Laureates Rabindranath Tagore and Dr. Amartya Sen

Advisory Committee:

| Prof. Josef Llados | Director of Computer Vision Centre, Universitat Autònoma de Barcelona, Spain |
|-------------------------------------|--|
| • Prof. Seiichi Uchida | Human Interface Lab., Dept. of Adv. Info. Tech., Faculty of Info. Sc. And Elec. Engg., Kyushu Univ., Japan. |
| • Prof. Michael Blumenstein | Professor, Dean (Research), Sc., Environment, Engg. And Tech. Group, Gold Coast Campus, Griffith Univ., Queensland, Australia |
| Dr. Marcus Eichenberger- Liwicki | German Research Center for Artificial Intelligence, Trippstadter Str. 122, 67663 Kaiserslautern, Germany |
| • Dr. Chan Chee Seng | Department of Artificial Intelligence, Faculty Of Computer Science & Information Technology, University of Malaya, Malaysia |
| • Prof. Ajay Kumar Roy | Ex. Director, IIEST, Shibpur, Howrah |
| • Prof. Anupam Basu | Director, National Institute of Technology, Durgapur |
| Prof. Dhananjay Bhattachariya | Professor (Retd.) Computational Science Division, SINP, Kolkata |
| • Prof. Amlan Chakraborty | Professor A.K.Choudhury School of Information Technology, CU |
| • Prof. G. Sanyal | Dept. of CSE, National Institute of Technology, Durgapur |
| Prof. Atal Choudhury | Professor, Dept. of Comp. Sc. & Engg., Jadavpur University, Kolkata & Vice Chancellor, Veer Surendra Sai University of Technology (VSSUT), at Burla, Odisha. |
| Prof. Aditya Bagchi | Ex. Dean of Studies, Indian Statistical Institute, Kolkata |
| Prof. Amaresh Chattopadhyay | Department of Applied Mathematics, IIT(Indian School of Mines), Dhanbad |
| • DrIng. Ajoy K. Palit | Department of Electrical Engineering, University of Bremen, 28359 Bremen, Germany |
| • Prof. B. K. Tripaty | School of Computing Sciences, VIT University, Vellore, India |
| • Prof. Devadatta Sinha | Dept. of Comp. Sc. & Engg., Calcutta University, Kolkata |
| • Prof. D. C. Dalal | Department of Mathematics, Indian Institute of Technology, Guwahati |
| • Prof. D. K. Sharma | Department of Business, Management & Accounting, University of Maryland, USA |
| Prof. Gadadhar Sahoo | Dept. of Comp. Sc., BIT Mesra, Ranchi |
| • Prof. J. K. Mondal | Dept. of Comp. Sc. & Engg., Kalyani University |

| School of Computer Engg., NTU, Singapore |
|---|
| Dept. of Comp. & Sys. Sc., Visva Bharati, Shantiniketan, India |
| Dept. of Comp. Sc. & Engg. Calcutta University, Kolkata |
| Dept. of Comp. Sc. & Engg. Calcutta University, Kolkata |
| Department of Mathematics, Indian Institute of Technology, Delhi |
| Dept. of Comp. Sc. & Tech., Bengal Engg. & Sc. University |
| Department of Software and Information Science, Iwate Prefectural University, Japan |
| Graduate School of Software and Information Science, Iwate Prefectural University, Japan |
| Professor & Head, CVPR Unit, Indian Statistical Institute, Kolkata |
| Dept. of Comp. Sc. & Engg., Jadavpur University, Kolkata |
| Prof. & Head, Dept. of Comp. Sc. & Dean, Faculty of Sc. and Tech., M. G. Kashi Vidyapith, Baranasi, Pin – 221 002, Uttar Pradesh |
| Prof.& Head, Dept. of CSE, Kalyani University, Kalyani Nadia |
| Retired Professor, Dept of Computer Science, BU |
| Professor A.K.Choudhury School of Information Technology, CU |
| Dept. of CSE, NIT, Silchar |
| Dept. of Computer Science, University of Gour Banga |
| |

Key Note Speaker:

1. Keynote-I by Prof. Josef Llados,

Director of Computer Vision Centre

Universitat Autònoma de Barcelona, Spain

2. Keynote-III by Prof. Umapada Pal

Professor & Head, CVPR Unit, Indian Statistical Institute, Kolkata

3. Keynote-III by Prof. J. K. Mondal

Professor, CSE, Kalyani University, Kalyani

Organizing Committee:

| Chief Patron: | Prof. Gautam Chandra |
|---------------|--|
| | Vice-Chancellor, The University of Burdwan, |
| Vice Patron: | Prof. Sunil Karforma |
| | Dean Faculty of Science, The University of Burdwan |
| | Prof. Pradip Chattopadhyay |
| | Dean Faculty of Arts, Commerce, etc, The University of Burdwan |
| | Dr. Sujit Kumar Chowdhury |

| | Registrar, The University of Burdwan |
|-------------------------------------|---|
| Chairperson: | Prof. Abhoy Chand Mondal HOD, Dept. of Comp. Sc., The University of Burdwan |
| Organizing Secretary: Secretary: | Dr. Parthajit Roy, Dept. of Comp. Sc., The University of Burdwan Dr. Rahul Karmakar, Dept. of Comp. Sc., The University of Burdwan |
| Members: | Dr. Ajit Kumar Singh, Netaji Mahavidyalaya Dr. Amitava Banerjee, Mankar College, Burdwan Dr. Arindam Sarkar, Belur Vidyamandir Dr. Sumanta Ray, SKBU, Purulia Dr. Santanu Modak, BCED, Durgapur Ms. Joyeeta Chandra, Research Scholar Ms. Sonali Mandal, Research Scholar Mr. Anirban Panja, Research Scholar Mr. Anirban Panja, Research Scholar Mr. Priyabrata Sain, Research Scholar Mr. Amarjit Ghosh, Research Scholar Mrs. Swati Adhikary, Research Scholar Mrs. Aditi Ghosh, Research Scholar Mrs. Aditi Ghosh, Research Scholar Mr. Debraj Malik, Student Mr. Soumitra Das, Student Mr. Padmanava Mondal, Student Mr. Imran Mondal, Student Mr. Biswadeep Mukhopadhyay, Student |

Contact Person:

Dr. Parthajit Roy, Mobile – 91-9474787711 Dr. Rahul Karmakar, Mobile – 91-7430912849 Department of Computer Science, The University of Burdwan, Golapbag North, Burdwan, West Bengal, India. Pin: 713104

Address for correspondence:

Dr. Parthajit Roy Organizing Secretary, ICICS – 2024 Department of Computer Science, The University of Burdwan, Golapbag North, Burdwan, West Bengal, India. Web Address: <u>http://www.buruniv.ac.in</u>