



St. Xavier's College (Autonomous), Kolkata

DEPARTMENT OF COMPUTER SC.

TRENDS AND TECHNIQUES IN COMPUTER SCIENCE

ABOUT THE COLLEGE

St. Xavier's College began its journey towards infinity in January 1860, on the grounds of the Sans Souci Theatre, led by a small group of Jesuit Fathers, headed by Fr. H. Depelchin. Within two years, it was affiliated to Calcutta University, and Xavier's has not looked back since. From alumni like Honble Md Hamid Ansari, Jyoti Basu, Sourav Ganguly, Shashi Tharoor, L.N. Mittal, to scientists like J.C. Bose St. Xavier's College is one of the enduring landmarks of education in India. Having gained autonomous status in July 2006, thus becoming the first autonomous college in West Bengal, St. Xavier's college has, from its very inception, followed its motto of "Nihil Ultra" – Nothing Beyond.

ABOUT THE DEPARTMENT

The college offers a 3-year Bachelor's degree in Computer Science. B.Sc Computer Science started in the year 1998 under University of Calcutta. The department also offers a 2-year M Sc Computer Sc under University of Calcutta. The course was granted autonomy from its inception in 2005 and the first batch graduated in June 2007. Students of the department are placed in reputed companies/ organizations like McKinsey, IBM, TCS, Infosys, Federal Bank, Food Corporation of India, Accenture, Oracle, CTS to name a few.

The M Sc Computer Science course, which draws upon a world-wide reputation of high-quality research, excellent teaching quality and top-class facilities. Industrial links enable our students to be professionally competitive.

ABOUT THE SEMINAR

Trends and Techniques in Computer Science (TTCS-2018) focus on both theory and applications in the broad areas of information technology and computer science. This conference aims to bring together professors, researchers and students to share and disseminate information on knowledge and scientific research work related to computing, networking, and informatics to discuss the practical challenges encountered and solutions adopted.

It also aims to promote translation of basic research into applied investigation and convert it into practice. This conference will also create awareness about the importance of scientific research in different fields and matching this with the product market.

SPEAKERS

PROF. SUSMITA SUR-KOLAY



Professor, ACM Unit,
Indian Statistical Institute

She has been a faculty member in the Advanced Computing and Microelectronics Unit of the Indian Statistical Institute, Kolkata, India since 1999 and is presently a Professor. Her research contributions are in the areas of electronic design automation for VLSI physical design, fault modeling and testing, synthesis of quantum computers, and graph algorithms. She was the Technical Program Co-Chair of the 18th International Conference on VLSI Design (2005), the 11th Symposium on VLSI Design and Test (2007), ISVLSI 2011 and has served on the program committees of several international conferences. Among other awards, she was the recipient of the President of India Gold Medal (summa cum laude) at IIT Kharagpur (1980), IBM Faculty Award (2009).

PROF. AMLAN CHAKRABARTI



Dean, Faculty of
Engineering and
Technology
Univ of Calcutta

Professor Amlan Chakrabarti is at present the Dean Faculty of Engineering and Technology and the Director of the A.K. Choudhury School of Information Technology, University of Calcutta. He has received the B.Sc. degree with Physics Honors (1996), M.Sc. in Electronic Science (1998) and M.Tech. in Radiophysics and Electronics (2001) from the University of Calcutta. He has done his Doctoral research on Quantum Computing and related VLSI design at Indian Statistical Institute, Kolkata, 2004-2008. He was a Post-Doctoral fellow at the prestigious School of Engineering, Princeton University, USA during 2011-2012. He is the recipient of BOYSCAST fellowship award in the area of Engineering Science from the Department of Science and Technology Govt. of India in 2011, INSA Visting Scientist Fellowship in 2014 and JSPS Invitation Fellowship in 2016.

ORGANIZING COMMITTEE

Chief Patron: Rev. Dr Dominic Savio S.J., Principal
Patrons: Prof. Bertram Da' Silva, Vice Principal
Dr. Asoke Nath, Prof Shalabh Agarwal,
Dr. Anal Acharya
Jt. Conveners: Sonali Sen, Romit Beed
Jt. Secretaries: Debabrata Datta, Jayati Ghosh Dastidar
Jt. Treasurers: Kaushik Goswami, Siladitya Mukherjee
Technical Committee Member: Sankar Das
Members: Rana Biswas, Sujit Chandra, Totan Karmakar,
Abhijit Karmakar

SCHEDULE

DATE: **MONDAY 20TH AUGUST, 2018**
VENUE: **FR. DEPELCHIN AUDITORIUM**