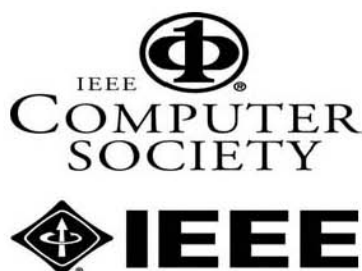


Department / Discipline	Electronics & Communication Engineering
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IEEE Computer Society Student Branch Chapter

The IEEE Computer Society is the world's leading organization of computing professionals. Founded in 1946 and the largest of the 38 societies of the Institute of Electrical and Electronics Engineers (IEEE), the CS is dedicated to advancing the theory and application of computer and information-processing technology. The IEEE Computer Society publishes a variety of journals and technical magazines covering various technical topics in information technology.

The **IEEE Computer Society Student Branch Chapter** was inaugurated in Aarupadai Veedu Institute of Technology in the year 2007. It has been actively organizing several professional activities such as national conferences, state-of-art seminars, Oracle Certified Training, awareness programmes for rural students, etc., for the past 3 years, to promote the technical and leadership qualities of our student community. This chapter also trains the students to participate in various contests like the national level symposium, national project contest and national conferences.

Our IEEE CS student members are entitled to the following benefits through the IEEE Student Branch Chapter of Aarupadai Veedu Institute of Technology.

- Free subscription to Spectrum Magazine
- Free access to 500 IT books and technical articles
- Free email alias @computer.org
- Free online access to 1300 e-learning courses including JAVA, CISCO, etc.
- Free access to IEEE Digital Library

The IEEE Computer Society Student Branch Chapter also invites renowned experts from national and international institutions/ organizations for guest lectures on latest topics and in upcoming fields. An eminent professor **Dr. Prabhar Metati, Department of Computer Science and Engg, Wright State University, USA**, was invited to present a special lecture on "Personal Security and Privacy on the Web". This was an endeavour to keep students abreast of the advancements in technology.

The Department of Information Technology and IEEE Computer Society Student Branch Chapter organized the first National Conference on Information and Software Engineering –

NCISE 2009, which was inaugurated by **Dr. R. Ramachandran, Vice Chancellor, Anna University Trichy.**

Out of 100 papers received, 40 papers were selected for presentation in the conference, Around 100 delegates including industrialists, research scholars, faculty members and students from all over the country participated in the conference. About 40 technical papers were presented both in Information and Software Engineering. This unique event brought together subject experts, research scholars, faculty members and students from across the country, to explore research issues of shared concern. The paper presentations and invited talk sessions covered a wide range of topics in the field of Software and Information Engineering. Renowned specialists and domain experts from the industry and academia delivered lectures and shared their rich and varied experiences. The eminent speakers for the invited talk sessions included,

1. “Formal Logic in Software Engineering” by Dr. Kamal Lodoya, Prof, IMSc, Chennai.
2. “Model Driven Software Architecture” by Dr. Chandrasekhar Ramanathan, Professor, IIIT, Bangalore.
3. “Data Mining Techniques – An Out layer Analysis” by Dr. B. Ramadoss, Professor & Head, Dept of Computer Applications, NIT, Trichy.
4. “Software Reliability” by Mr. D. Damodharan, Scientist D & Joint Director, Centre for Reliability, Chennai.
5. “COSMIC – Recent Trends in Software Sizing and Estimation” Mr. Jayakumar, Director, Amitysoft, Chennai.

Recently the IEEE Computer Society launched the **IEEE Distinguished Lecturer Program (DLP)**, which was one of the most exciting programs offered to our IEEE CS Student Branch Chapter. It provides student chapters around the world with talks by experts on topics of interest and importance. All the distinguished lecturers were outstanding experts in their fields of specialty. Collectively, the distinguished lecturers possess a broad range of expertise within the area of Computer Science and Information Technology. Thus, the chapters are encouraged to use this program as a means to make their local IEEE CS community aware of the most recent scientific and technological trends and to enhance their member benefits.

The IEEE CS Student Branch Chapter at AVIT organized an IEEE Distinguished Lecture Programme on “Globalization and Industry Trends” delivered by an eminent personality **Mr. R. Sampath, Chairman, IEEE Orange County Section, California and Director, Quanta Consulting Inc, USA.**

The IEEE Computer Society Madras Chapter, IEEE Computer Society Branch Chapter-AVIT and Department of Information Technology, Aarupadai Veedu Institute of Technology organized a two-day **2nd National Conference on Information and Software Engineering**, during 26-27, February, 2010 in Beach Resort Complex, Tamil Nadu Tourism and Development Corporation Hotel, Mahabalipuram. The event was co-sponsored by CSIR, New Delhi, IEEE Madras Section

and CSI -Div II on Software. The conference was inaugurated by **Capt. K. Srinivas, Vice-President, Capgemini**. In his inaugural address Capt. Srinivas stressed the necessity of in-depth knowledge in design so as to produce quality software. Following the inauguration, **Mr. V. Viswanathan, Senior Manager-HR, Wipro Technologies, Chennai**, released the conference souvenir and delivered the keynote address. **Sri. H. R. Mohan, Chairman, the IEEE Computer Society Madras Chapter & Div II, CSI and AVP (Systems), The Hindu**, released the conference proceedings and delivered a special address to the delegates.

Around 200 delegates including research scholars, faculty members, professionals from industry and students from all over the country participated in the conference. About 70 technical papers out of 180 papers received were presented both in Information and Software Engineering. Renowned specialists and domain experts from the industry and academia delivered invited talks lectures and shared their rich and varied experiences. The following were the invited talk sessions.

1. “Software Performance Engineering” by Mr. Ramesh Lakshmanan, Senior IT Manager, Infosys, Chennai
2. “Effective Project Management -- Key to Overall Software Engineering Success” by Prof. Gopalaswamy Ramesh, Consultant and Adjunct Professor, IITB
3. “Producing Quality through better understanding of Software Engineering Fundamentals” by Mr. Srinivasan Desikan, HP Research Lab, Bangalore
4. Dr. D. Damodharan, Additional Director & Scientist ‘E’, Centre for Reliability, Department of Information Technology, Government of India, Chennai addressed the delegates during the valedictory function and distributed the certificates.