

PANIMALAR INSTITUTE OF TECHNOLOGY

IEEE STUDENT BRANCH

IEEE PROFESSIONAL SOCIETY



IEEE

Name of the Society

IEEE

Society inauguration date

31.12.2013



PIT IEEE SB Inaugral function.

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ABOUT IEEE

IEEE is the world's largest leading professional association for the advancement of technology. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. IEEE offers a wide range of learning, career enhancement, and employment opportunities within the engineering sciences, research, and other technology areas.

IEEE's core purpose is to promote technological innovation and excellence for the benefit of humanity. IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions. IEEE is the world's largest technical professional society. It is designed to serve professionals involved in all aspects of the electrical, electronic and computing fields and related areas of science and technology that underlie modern civilization.

STUDENT BRANCH AT PIT

IEEE Student branch at Panimalar Institute of Technology was established in the year 2013 and is one of the vibrant Sections in R10, Madras Section. Over the years the strength of the section has grown steadily and currently the Section membership stands close to 100. Student Branch aims at helping students recognize real world challenges and Nurture innovative ideas of students by mentoring their implementation approach. The Chapters carry out focused activities in the respective area by way of conducting technical talks under DLT, Conference, Seminars, Tutorials, Short term Courses, workshops, Paper contest, Technical Colloquium, Project contest etc.,.

The Student Branch has student chapters of IEEE Communication Society, Signal Processing Society & Robotics & Automation Society & One affinity group called IEEE Women in Engineering is running under this Student Branch.

Dedicated volunteers, as part of the Executive Committee of the Society as well as Chapters continuously strive to bring more activities under the Society.

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BRANCH VISION

The primary purpose of IEEE student branch is to Inspire, Enable, Empower and Energize our student members to enhance their technical interests by providing them a platform to show case their skills.

BRANCH MISSION

- ✓ To arrange for regular events in the campus specifically dealing with latest technologies.
- ✓ To work towards inspiring more students to become members.
- ✓ To increase the Membership Retention, though the benefits of IEEE.
- ✓ To organize technical awareness programs for young professionals.
- ✓ To form more Special Interest Groups to encourage project activity among the student members.
- ✓ To kindle students interest in making new papers and projects.
- ✓ To strive towards achieving more IEEE-sponsored awards and aim at representing papers in international conferences.

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STUDENT BRANCH SOCIETY CHAPTERS ESTABLISHED

1. IEEE SIGNAL PROCESSING SOCIETY
2. IEEE COMMUNICATIONS SOCIETY
3. IEEE ROBOTICS AND AUTOMATION SOCIETY
4. IEEE ANTENNAS AND PROPAGATION SOCIETY
5. IEEE ELECTRON DEVICES SOCIETY
6. IEEE INSTRUMENTATION AND MEASUREMENT SOCIETY
7. IEEE POWER & ENERGY SOCIETY
8. IEEE POWER ELECTRONICS SOCIETY
9. IEEE COMPUTER SOCIETY
10. IEEE INFORMATION THEORY SOCIETY
11. IEEE AEROSPACE ENGINEERING SOCIETY
12. IEEE BROADCAST TECHNOLOGY SOCIETY
13. IEEE TECHNOLOGY AND ENGINEERING MANAGEMENT SOCIETY
14. IEEE ELECTROMAGNETIC COMPATIBILITY SOCIETY
15. IEEE INDUSTRIAL ELECTRONICS SOCIETY
16. IEEE INDUSTRIAL APPLICATIONS SOCIETY
17. IEEE PHOTONICS SOCIETY
18. IEEE PROFESSIONAL COMMUNICATION SOCIETY
19. IEEE NUCLEAR AND PLASMA SCIENCES SOCIETY
20. IEEE SOCIETY ON SOCIAL IMPLICATIONS OF TECHNOLOGY
21. IEEE MICROWAVE THEORY AND TECHNIQUES SOCIETY
22. IEEE COMPUTATIONAL INTELLIGENCE SOCIETY
23. IEEE OCEANIC ENGINEERING SOCIETY
24. IEEE POWER ELECTRONICS SOCIETY
25. IEEE PRODUCT SAFETY ENGINEERING SOCIETY

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IEEE STUDENT BRANCH AWARDS

http://www.ieee.org/membership_services/membership/students/awards/student_branch_awards.html

1. IEEE Student Enterprise Award
2. Larry K. Wilson Regional Student Activities Award
3. IEEE Regional Exemplary Student Branch Award
4. IEEE Outstanding Branch Counselor and Branch Chapter Advisor Award
5. The Darrel Chong Student Activity Award

AWARD CONSTITUTED BY THE SECTION

To encourage the student branches & societies to conduct more activities, the following awards (certificate of appreciation & cash awards) were given at the AGM. The basis for the selection was published in the MAS-LINK.

Cash awards & certificates of appreciation are being distributed every year at the AGM. For

1. The Student Branch having maximum number of members.
2. Award given to top three colleges.
3. Student Branches conducting good number of activities.
4. Society Chapter and affinity groups were also awarded with cash and certificate of appreciation during the AGM.

IEEE STUDENT BRANCH FUNDING

Yearly Rebate

1. IEEE Annual Student Branch Rebate:

More details: http://www.ieee.org/societies_communities/geo_activities/required_reporting/rebate_schedule.html

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ACTIVITY FUNDING

1. Student professional awareness Conference Funding (SPAC) More details:
http://www.ieeeusa.org/volunteers/committees/spac/general_info.html
2. IEEE Foundation Grant More details:
<http://www.ieeefoundation.org/grants>
3. IEEE Women in Engineering Affinity Group Formation Grant More details:
http://www.ieee.org/membership_services/membership/women/affinity_funding.html
4. IEEE women in Engineering Special Funding Request form More details:
http://www.ieee.org/membership_services/membership/women/affinity/forum_funding.html
5. IEEE Madras Section Activity Funding: More details:
<https://ewh.ieee.org/r10/madras/content/doc/applicationforfinancialsupport.doc>
6. IEEE Region10 Education Activities Funding: More details:
<http://www.ieeer10.org/2014/03/11/ea-support-fund-2014/>
7. IEEE Region 10 Professional Activities Funding: More details:
<http://www.ieeer10.org/2014/07/15/result-of-2014-ieee-r10-professional-activity-funding/>

Student Project Funding

1. IEEE Standards Education Grant: More details:
http://www.ieee.org/education_careers/education/standards/applications.html
2. IEEE President I change the world: More details:
http://www.ieee.org/membership_services/membership/students/competitions/change_the_world/index.html
3. IEEE / IBM Smarter Planet Challenge: More details:
http://www.ieee.org/education_careers/education/university_programs/smarterplanetchallenge.html
4. IEEE Student Enterprise Award: More details:
http://www.ieee.org/membership_services/membership/students/awards/enterprise.html
5. IEEE R10 Young Engineering Humanitarian Challenge: More details:
<http://ieeehumanitarian.com/>
6. IEEE Madras Section Project funding: More details:
http://ewh.ieee.org/r10/madras/content/pdf/project_funding_schedule_2013_14.pdf

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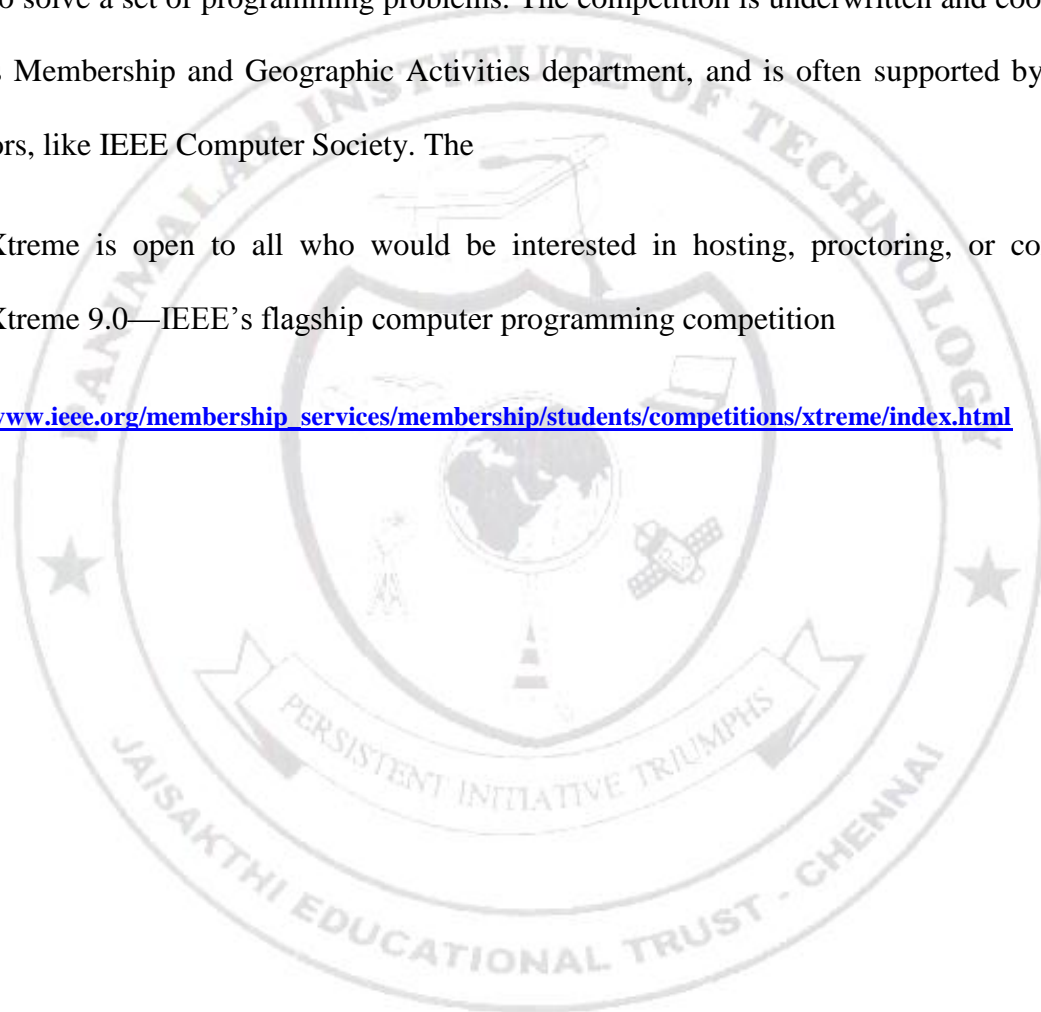
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IEEEEXTREME

IEEE's Flagship Programming Competition—Important Information for Student Members & Faculty Advisers IEEEExtreme (often abbreviated as Xtreme) is an annual competitive programming challenge in which teams of IEEE Student members, supported by an IEEE Student Branch, advised and proctored by an IEEE member, compete in a 24-hour time span against each other to solve a set of programming problems. The competition is underwritten and coordinated by IEEE's Membership and Geographic Activities department, and is often supported by partnering sponsors, like IEEE Computer Society. The

IEEEExtreme is open to all who would be interested in hosting, proctoring, or competing in IEEEExtreme 9.0—IEEE's flagship computer programming competition

http://www.ieee.org/membership_services/membership/students/competitions/xtreme/index.html



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MEMBER RESOURCES

The key values of IEEE membership are technical innovation, access to cutting-edge information, networking opportunities, and exclusive member benefits. IEEE memberships support IEEE's mission to advance technology for humanity and the profession. At the same time, memberships build a platform to introduce technology careers to students around the world.

IEEE and IEEE Society membership

Join the world's largest technical professional association via an IEEE and/or IEEE Society memberships. Through these memberships, you can stay current in your chosen technology profession, keep in touch with your peers, and invest in your career advancement.

Benefits of membership

IEEE delivers access to the industry's most essential technical information, networking opportunities, career development tools, and many other exclusive benefits to its members.

>[View all membership benefits](#)

- ✓ [Student Branch Resources](#)
- ✓ [WIE Affinity Group Resources](#)
- ✓ [Volunteer Resources](#)
- ✓ [Student Benefits](#)
- ✓ [Student Discounts](#)
- ✓ [Documents](#)
- ✓ [Spectrum](#)
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