The Department of Computer Science aims to produce graduates who excel in education, research and service. We also aim to instill the attitudes and values for empowerment of women that will motivate them towards the continuous process of learning and leadership. We strive to educate innovative skills and technology for the benefit of learners through continuous upgradation of curriculum on par with International Standards.

Service learning Programme:

Web based community projects:

- Marketing the SHG’s (Self Help Group) product through online – Thirupalai Village [2005]
- Panchayat Office of Uthangudi Village [2006]
- Community College of Lady Doak College Unit [2010]

DTP Tools training projects:

- Bethshan Special college (College for special children) [2007]
- LPNI School .[2008]
- Tutored Photoshop to the Students in Love and Care home in Madurai [2009]
Facilitator Achievements:

- Mrs. N. Jayachandra presented a paper on “A Novel approach to identify the presence of noise in underwater sea images” in the International conference on hi-tech trends in emerging computational technologies, organized by department of computer science and engineering, Sethu Institute of Technology, Kariapatti on 20/2/2014 & 21/2/2014.


- Mrs. S. Pitchumani Angayarkanni presented a paper on “Multimedia learning material and its quality assessment techniques in computer science” in a national seminar organized by St. Mary’s college, Thoothukudi on 31/1/2014 & 1/2/2014.

- Mrs. J. A. Esther Rani presented a paper on “Mining web browsing patterns from web logs” in the International Conference on Advanced Technology in Computing, organized by Department of Computer Science, Women’s Christian College, Nagercoil on 28/2/2014.

- Mrs. J. Sukanya was deputed as a resource person to deliver a seminar on “Advanced Network Concepts”, Organized by department of Computer science, Sri Kaliwari College, Sivakasi on 14/3/2014.

- Mrs. G. Sofia published a paper in springer titled “Effect of facial expression on students comprehension recognition in virtual education environment” (Scopus indexed September-2013).

- Mrs. G. Sofia published a paper in “International journal of engineering and technology”, titled “Deriving Association between student’s comprehension & facial expressions using class association rule mining”.

- Mrs. G. Sofia was deputed as a resource person for a session on “soft computing” at a National level colloquium at Popes College, sawyerpuram on 7/3/2014.

**Students Achievements:**

- III UG students won the overall shield at Madurai Sivakasi Nadars Pioneer Meenakshi Women’s College Intercollegiate meet Phoenix’13 on 21/8/13
- III UG students won the overall shield at American College Intercollegiate meet Hover’14 on 30/1/14
- II PG student R.Hema Karthika presented a paper “Identifying healthy and unhealthy areas in sugar cane leaves” in a national level conference held at GR Govindarajalu School of Applied Computer Technology on 21/2/2014
- II PG student P. Karthika presented a paper “Estimation of chlorophyll content in papaya leaf using mathematical operations” in a national level conference held at GR Govindarajalu School of Applied Computer Technology on 21/2/2014
- II PG students R.Saranya and K.Anuradha presented a paper “A novel approach to detect the wound in human skin using image processing techniques” in a national level conference held at GR Govindarajalu School of Applied Computer Technology on 21/2/2014
- II PG students P.Saranya and M.Kanimozhi presented a paper “Wavelet based enhancement using X-Ray images” in a national level conference held at GR Govindarajalu School of Applied Computer Technology on 21/2/2014

**Facilitator Training Programme:**

- One day training cum workshop “Android applications and Development” was held on 18/9/13 for the faculty of computer science department and the resource person was M.M. Balakumaran, Chief Head IT trainer, A.K Consultancy, Madurai.
- Faculty Master training programme was organized by ICTACT for the faculty of computer science department on 23/11/13.
- One day training on “Research trends in cloud computing” was held on 18/3/2014 for the faculty of computer science department and the resource person was Mr. Jebaraj Samuel, Business Analyst, Wharfedale technology Inc., Chennai.
**Student training Programme:**

- III UG students were trained on .NET Programming from 1/08/2013 to 23/09/2013 by APTECH ltd.
- All UG and PG students were trained on UBUNTU from 26/08/2013 to 29/08/2013 by faculty of department of computer science.

**Synergy – An Educational Colloquium:**

- An education colloquium *Synergy ’13* was conducted by the department of computer science on 7/10/2013.
- Resource person Mr. Jc. Shebas Khan, CEO, Surya delivered a session on “Current Trends in IT”
- Resource person Mr. Ajmal Khan, Technical Lead, Altech informatics pvt ltd, Chennai delivered a session on “Big Data Analysis”
- Participants from various colleges participated in all technical events.
- Students from Our department exhibited their projects and displayed few open source software platforms like python, linux etc.

“Computer Science is a science of abstraction – creating the right model for a problem and devising the appropriate mechanizable techniques to solve it”.  

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**Favorite KEYS:**

- What is the favorite key for BPO people? SHIFT
- What is the favorite key for Carpenters? WINDOWS
- What is the favorite key for thieves? ESCAPE
- What is the favorite key for archers? ARROW
- What is the favorite key for Astronauts? SPACE BAR

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