

Name : Mrs.A.Sorna Gowri Msc.,MPhil
Designation : Assistant Professor & Head
Department of Computer Science
Date of Birth : 19.09.1974
Date of Appointment : 5.7.2007
Address : w/o Dr.A.Murugan
E-81, 15th cross street
Selvi Bhavanam
Maharajanagar
Tirunelveli -11
Phone : 0462 2572982
Mobile : 9944095044
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International/National Seminar/Conference attended

*Attended National level conference Gandhi National conference at Nellai sangeetha Saba on 2.2.2013 conducted by Gandhi seva sangam, chengkottai.

*Attended National level conference on “ Emerging challenges and future prospects in computer science and Applications” organized by the Department of MCA,St.Xavier’s college (Autonomous),Palayamkottai held on on 12th February 2013.

* Attended National level seminar on “Quality Enhancement in Teaching learning Process” sponsored by National Assessment and Accreditation council (NAAC) at Holy cross home science college, Tuticorin on 30 & 31 March 2012

*Attended State level seminar on “Research issues in image processing and Neural networks and genetic Algorithms” organized by Department of Information Technology,Sri Sarada College for women, Tirunelveli on 9th February 2012.

*Attended National level seminar on “Computer vision digital image processing and Mobile computing” organized Sri Sarada College for women Sarada nagar, Tirunelveli on 28th January 2011.

*Attended State level seminar on “Research Perspective of Computer Science” organized by The Department of Computer Science, The M.D.T Hindu College, Tirunelveli on 8th October 2010.

*Attended state level conference on “Higher Education and students’ participation in Quality Assurance” sponsored by National Assessment and Accreditation council (NAAC) in The M.D.T Hindu College, Tirunelveli on January 24&25 2008.

Orientation /Refresher courses attended:

*Attended three days “Facilitator Induction Programme’07” organized by Chrysalis Team at EZ vidya on 26, 27&28 May 2007 in Karur.

Papers presented in the international/National seminars/conferences:

*Presented a paper on “Analysis of Data mining tools for Medical Diagnosis” in the National level conference on “ Emerging challenges and future prospects in computer science and Applications” organized by the Department of MCA, St. Xavier’s college (Autonomous), Palayamkottai held on 12th February 2013.

*Presented a Paper on “Teachers participation in quality Enrichment” “ in the National level seminar on “Quality Enhancement in Teaching learning Process” sponsored by National Assessment and Accreditation council (NAAC) at Holy cross home science college, Tuticorin on 30 & 31 March 2012.

*Presented a paper on “Higher Education-Quality sustenance” in the State level conference on “Higher Education and students’ participation in Quality Assurance” sponsored by National Assessment and Accreditation council (NAAC) in The M.D.T Hindu College, Tirunelveli on January 24&25 2008.

Workshops attended:

*Attended “State level workshop on python” Organized by Department of Computer Science of Holy Cross Home Science College, Thoothukudi on 21st July 2017.

*Attended State level Workshop on “Data Science and Big data Analytics” Organized by Department of Information Technology of Sri Sarada College for Women Ariyakulam on 20th December 2017

*Attended National level two days workshop on “Advanced cloud computing on research projects organized by CSI on 14, 15 February 2014.

*Attended one day workshop on “Women Empowerment” organized by placement cell and youth welfare section of The M.D.T Hindu college, Tirunelveli on 9th March 2012.

*Attended three days workshop on "Student counseling" organized by JCERT at St.Xavier's college of Education, palayamkottai on 25, 26, 27 of August 2006.

Paper presented in the Journals (with ISSN) -

*Presented a paper on "Analysis of Data mining tools for medical diagnosis" in twelveth National conference of Inthtamil Auivalar mandrum at Wakford College, Madurai.–Auivoo chinthanaigal S.no 12, section 3, ISBN 978-81-923792

Papers published in the journal (without ISSN/ISBN):

"Hybrid Intelligent System of heterogeneous classifiers for breast cancer diagnosis" in IJCA journal issue 6, volume1 jan-feb 2016.ISSN:2250-1797 impact factor 3.14

"Establishment of efficient algorithm of medical image diagnosis" in IJCSIT volume 7issue 1, page 66-70, ISSN 0975-9646.impact factor 3.32

"An algorithm to construct missing feature values using knn iterative method" in IJRR, volume 3, page 2022-2026 march 16, impact factor4.251

"A novel approach of feature selection techniques for image dataset" in International journals of innovative science, engineering and technology, vol 3, issue 2, Feb 16 ISSN 2348-7968

"Walkthrough on neural network and fuzzy logic classification of medical image diagnosis" in International journals of research in computer Application and management, vol 6, issue 1, ISSN 2231-1009

"Teachers participation in Quality enrichment " in the proceedings of National seminar on Quality Enhancement in Teaching Learning Process.S.no 13 ,Page 68-76 sponsored by National Assessment and Accreditation council (NAAC) at Holy cross home science college, Tuticorin on 30 & 31 March 2012.

"Higher Education- Quality sustenance" in the proceedings of state level conference on Higher Education and students' participation in Quality Assurance Page no 166-175. Sponsored by National Assessment and Accreditation council (NAAC) in The M.D.T Hindu College, Tirunelveli on January 24&25 2008.

Extracurricular Activities:

* Head of Department of Computer Science from 2017.

* Head of Department of B.Com (CA) from 2007 to 2017.

* Student counselor of B.Com (CA) department.

- * Debate club coordinator – 2010.
- * Controller of Examinations – (2011 -2013).

Other Activities:

1. Educational Activity: Registered for Ph.D in Computer science, Mother Teresa University, Kodaikanal.
2. Life time member in Computer society of India.Pune.
3. Life time member in Mahatma Gandhi Seva maiyam.Chengkottai.

Service rendered outside the college

Conducting M.S University Practical Examination as an External Examiner.

1. Govindammal Adithanar Arts and Science College, Tiruchendur 2009.
2. Thiruvalluvar Arts and Science College, Papanasam 2010.
3. Holy Cross Home Science College, Tuticorin 2011.
4. G.V.N Arts and Science College, Kovilpatti. 2012.
5. Served as a Judge for “State level Technical Meet – CrossCom “18”organized by Department of Computer Science, Holy cross home science college,Tuticorin on 16th February 2018.
