

**Dr. C. JAYANTHI**  
**Associate Professor & Head**  
**Department of Chemistry**  
email: phytochemistryfeb02@gmail.com



### Academic Exposure

Qualification	M.Sc., M.Phil., Ph.D., MBA( Edu.Mgt )
Date of Appointment	13.10.2008
Office Address	Department of Chemistry, Government College for Women(A), Kumbakonam.- 612001
Specialization	Phytochemistry
Teaching Experience - Private, GL and Government	19 Years

### PUBLICATIONS -

#### PAPERS IN JOURNALS:

**1.Dr. C. JAYANTHI**, M. Jaya, M. Nirmala, L. Nandhini, A Study on Phytochemical Analysis and Anti Stress, Activity of Ficus Carica Fruits , International Journal of All Research Education and Scientific Methods (IJARESM),ISSN: 2455-6211, Volume 11, Issue 5, **May-2023**, Available online at: [www.ijaresm.com](http://www.ijaresm.com) Page | 666

**2. Dr. C. JAYANTHI**, M. Nirmala, M. Jaya, L. Nandhini Antiurolithiatic Activity of Phillanthus Niruri LeavesExtract, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 11, Issue 5, **May-2023**, Available online at: [www.ijaresm.com](http://www.ijaresm.com).

**3.Dr. C. JAYANTHI**, Identification of poly phenol from the flowers of prosopis juliflora, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 10, Issue 6, **June-2022**, Impact Factor: 7.429, Available online at: [www.ijaresm.com](http://www.ijaresm.com).

**4. Dr. C. JAYANTHI** A Study on flavonoid and anti -diabetic activity of the flowers of *Dodonaea Viscosa*, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 5, **May -2021**, Impact Factor: 7.429, Available online at: [www.ijaresm.com](http://www.ijaresm.com)

**5.C.JAYANTHI**, Dr.A.JohnMerina, Bactericidal and mosquito larvacidal activity of Luteolin –7–O- glucoside from the flowers gutterda speciosa, International Journal of Multidisciplinary Research and Development , Volume: 2, Issue: 5, 81-82, **May 2015** www.allsubjectjournal.com e-ISSN: 2349-4182 p-ISSN: 2349-5979 Impact Factor: 3.762

**6.C.JAYANTHI**, Dr.A.JohnMerina Isolation and Structural Elucidation of Novel Polyphenol from the Flowers of *Hibiscus Viti Foliosus* , Indian journal of applied research Volume : 5 | Issue : 5 | **May 2015** | ISSN - 2249-555X

**7. C.JAYANTHI**, Dr.A.JohnMerina, Spectral Characterization And Evaluation of Antimicrobial Activity of Flavonoid From The Flowers of *Glyceridia Sepium* Indian journal of applied research . Volume : 4 | Issue : 12 | **Dec 2014** | ISSN - 2249-555X

**8. C. JAYANTHI**, A Study on the Mordant Activity of *Embllica officinalis*, (Indian Goosberry) in Dyeing of Cotton Fabrics with Direct Dye, Asian Journal of Chemistry Vol. 21, No. 1 (**2009**), 471-474.

**9. C. JAYANTHI**, Improvement of Life Period of Biofertilizers by Addition of Humic Acid and Flyash Asian Journal of Chemistry Vol. 21, No. 1 (**2009**), 781-786,

#### **AWARDS RECEIVED**

**Best Women Faculty Award** - By Novel Research Academy , Puducherry, India

#### **Papers presented/Attended in Seminars/Conferences and Workshops**

- "Anti bacterial activity of *Dendrophthoe falcata*" in the one day state level seminar on newly emerging pathogens, Epidemic diseases and their management challenges organized by Department of Microbiology, M.R. Govt Arts College, Mannargudi on 14.03.2014.
- One day work shop on instrumental methods of analysis, Vellore Institute of Technology, Vellore, 7.1.2006.
- State level seminar on green chemistry and Hydro thermal synthesis, Rajah serfoji Govt college (Autonomous), Thanjavur, 14.03.2008.
- State level seminar on emerging trends of research in chemical & Biochemical Sciences, A.V.V.M Sri Pushpam College (Autonomous), Poondi, Thanjavur, 25.08.2009

- State level seminar on challenges and research avenues in physical sciences ,Govt college for women (Autonomous) Kumbakonam.10.02.2010.
- State level seminar on NMR Applications and energy materials UGC Govt college for women (Autonomous) Kumbakonam. 28.02.2012. 7. Workshop on awareness of protecting our environment, Govt college for women (Autonomous) Kumbakonam, 28.02.2012.
- Work shop on hands on training in interactive devices (smart class room), Govt college for women (Autonomous) Kumbakonam, 13.09.2013.
- One day seminar on creative teaching techniques, Govt college for women (Autonomous)Kumbakonam,22.08.2015

### **Seminar/ Conference/ workshop / Extension activity / Quiz organized**

<b>S No</b>	<b>Title</b>	<b>Duration</b>	<b>Role</b>	<b>place</b>
<b>1</b>	<b>One day seminar</b> on Biochemistry	One day 24.02.2015	<b>Coordinator</b>	Department of chemistry Government college for women(Auto) Kumbakonam
<b>2</b>	<b>One day seminar</b> on Novel perspectives in Biosensors and Nano science	One day 11.03.2015	<b>Convenor</b>	Department of chemistry Government College for Women (Auto) Kumbakonam
<b>3</b>	<b>Two days National seminar</b> on The new vistas in chemical sciences	Two days 4.7.19 &5.7.19	Convenor	Department of chemistry Government college for women(Auto) Kumbakonam
<b>4</b>	<b>Online E- quiz</b>	15.07.2020- 17.07.2020	<b>Convenor</b>	Department of chemistry Government college for women(Auto) Kumbakonam

<b>5</b>	<b>National level webinar</b> on chemistry of sugarmolecules	29.01.2022	<b>Convener</b>	Department of chemistry  Government college for women(Auto) Kumbakonam
<b>6</b>	<b>Exhibition on</b> Molecular Modelling	12.03.2022	<b>Convener</b>	Government college for women(Auto) Kumbakonam
<b>7</b>	<b>Chemistry Exhibition</b> <b>on</b>  75 years of Inventions in chemistry 1947- 2022 for 75 <sup>th</sup> year of  Independence day celebration	25.8.22	<b>Organizing secretary</b>	Government college for women(Auto) Kumbakonam
<b>8.</b>	<b>One day inter – disciplinary workshop</b> on Train the Teachers would be for the students of mathematics and chemistry  Organized by training and placement cell in association with Dept of Chemistry and Maths	30.01 2023	<b>Organizing secretary</b>	Government college for women(Auto) Kumbakonam
<b>9.</b>	<b>Extension activity –</b>  Teaching on Pollution control, preparation of sanitizers and its importance to Middle School Students	24. 2 2023	<b>Organizing secretary</b>	Government middle school- Chozholan Maligai, patteeswaram po  Kumbakonam Tk

#### **Administrative Activities:**

- HOD Of Chemistry
- General Time table in-charge
- Green audit committee
- Result Awarding Committee
- Annual stock verification committee

- Discipline committee
- Department UG and PG Board of studies chairman
- Department UG and PG Admission
- Old student association secretary (OSA)
- Chief superintendent and chief Examiner in Autonomous Examination and Central valuation
- External member in board of studies,