



Name of the Department	CHEMISTRY
Year of Establishment	1971
Courses / Programmes and subject combinations offered	UG - Aided Allied Elective
Number of Teaching posts sanctioned and filled	6 (Aided) 1 (Unaided)
Number of Administrative Staff	Nil
Number of Non - Teaching Staff	04
Number of Students (Women)	UG - Aided : 111 Allied : 107 Elective : 87
Ratio of Teacher to students	1:20
Ratio of Teacher to Research scholars	Nil
Number of research scholars who have obtained their master's degree from other institutions	Nil
Number of teachers in academic bodies of other Autonomous Colleges and Universities	02
Latest revision of the curriculum	2006-07
Number of students passed in NET / SLET etc.	01
Success Rate of students (Average)	UG : 82.2%
Demand Ratio	1:4
Awards and recognition received by faculty	Nil



Faculty who have Attended National / International Regional Seminars	International : 09 National : 19 Regional : 22
Number of National / International / Regional seminars organized	National : 01 Regional : 02
Number of teachers engaged in consultancy and the revenue generated	Nil
Number of Ongoing projects and their total outlay	01 Rs.1,00,000/-
Research projects completed and their outlay	Nil
Number of inventions and patents	Nil
Number of Ph.D theses / M.Phil dissertation guided	Nil
Publications by faculty	International Journal : 02 National Seminar Proceedings : 05 Books : 01 Course Material : 05
Average citation index and impact factor of publications	Nil
Number of Books in the Departmental Library, if any	329
Number of Journals / Periodicals in the departmental library	02
Number of Computers	01
Annual Budget (excluding salary)	Rs. 50,000



1. DETAILS OF TEACHING STAFF

Name	Designation	Highest Qualification	Specialization	Experience in years	Age in Years
AIDED					
Dr. Sr. Y. Yesu Thangam	Principal	Ph.D	Natural Products and Bio Photo Chemistry	22	52
Mrs. C. Vijaya	Head	M.Phil	Natural Products Chemistry	29	54
Mrs. K. Southamani	LSG	M.Phil	Inorganic Chemistry	25	49
Mrs. A. Mary Imelda Jayaseeli	LSG	M.Phil	Electro organic Chemistry	18	43
Mrs.M. Kalanithi	LSG	M.Phil	Electro organic Chemistry	14	39
Mrs. C. Mary Anbarasi	LSG	M.Phil	Electro organic Chemistry	13	40
UNAIDED					
Ms. J. Suja Regina Mary	Lecturer	M.Sc.	Photo Chemistry	3	26

2. DETAILS OF NON - TEACHING STAFF

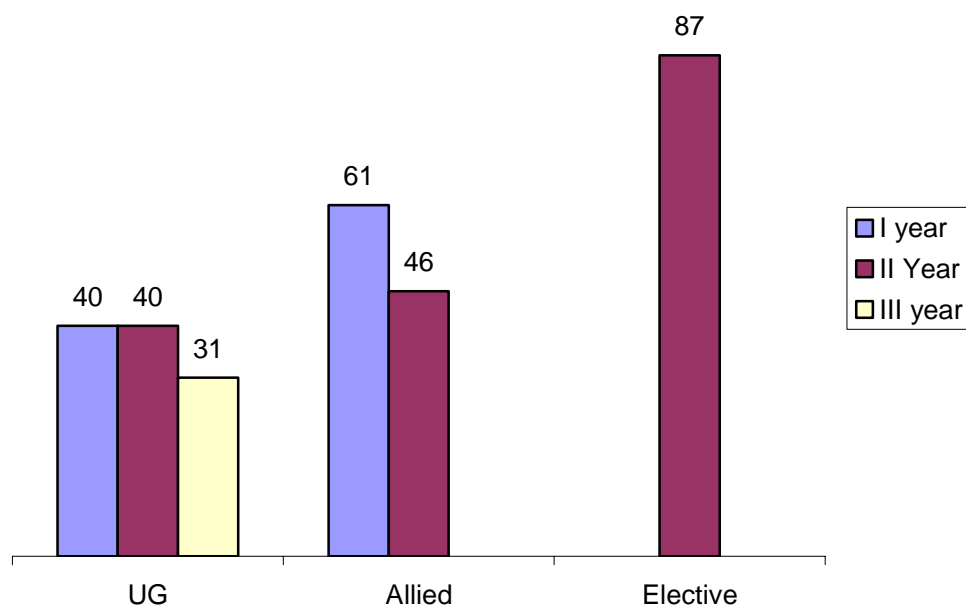
Name	Designation	Qualification
Aided		
Mrs. S. Josephine Sahaya Mary	SG Store Keeper	HSC
Mrs. M. Nirmala	SG Lab Assistant	HSC
Mrs. Lilly	Lab Assistant	HSC
Mr. P. Rajkumar Britto	Gas Man	DECE



3 DETAILS OF STUDENTS STRENGTH

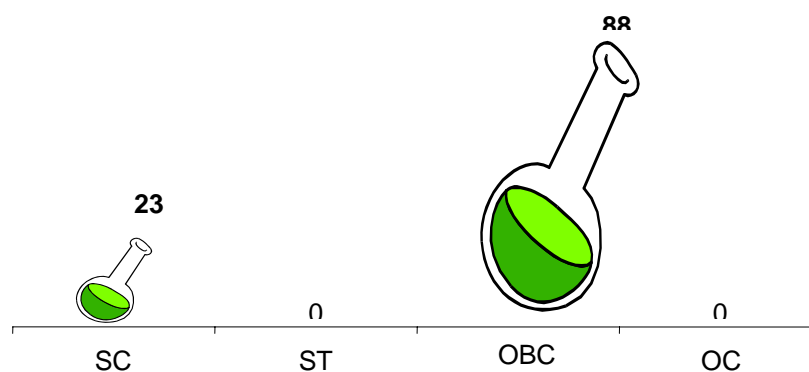
PROGRAMME WISE – UG AIDED

Programme	I year	II Year	III year	Total
UG	40	40	31	111
Allied	61	46	--	107
Elective	--	87	--	87
Total	101	173	31	305



**COMMUNITY WISE**

Community	Number
SC	23
ST	----
OBC	88
OC	----
Total	111

**REGION - WISE**

Region	UG
Tamil Nadu	111
Other States	--
Total	111

4. DETAILS OF TEACHERS WHO ARE IN ACADEMIC BODIES OF OTHER AUTONOMOUS COLLEGES / UNIVERSITIES

Name	Position	Name of the Academic Body	Name of the College/University
Mrs.C. Vijaya	Member	Board of Studies in Chemistry	MTW University, Kodaikanal
	Member	Passing Board	
Dr. Sr. Y. Yesu Thangam	Member	Academic Council	MTW University, Kodaikanal



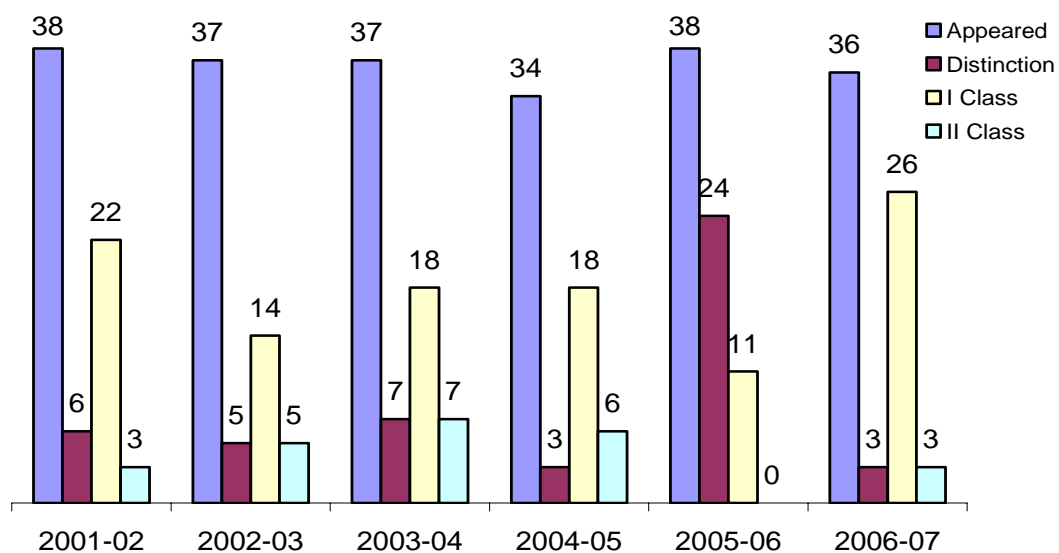
5. DETAILS OF STUDENT PASSED IN GATE

Name	Year of Study	Examination	Year of Passing
M.A. Sabeetha	1996-1999	GATE	2001

6. DETAILS OF SUCCESS RATE OF STUDENTS

UG - Aided

Years	Number of Candidates					Percentage of Passes
	Appeared	Distinction	I Class	II Class	Total	
2001-02	38	06	22	03	31	81.6
2002-03	37	05	14	05	24	64.9
2003-04	37	07	18	07	32	86.5
2004-05	34	03	18	06	27	79.4
2005-06	38	24	11	--	35	92.1
2006-07	36	03	26	03	32	88.9



**7. DEMAND RATIO**

Year	Sanctioned Strength	Number of Applications received	Ratio
2001-02	40	227	1:5.7
2002-03	40	307	1:7.7
2003-04	42	235	1:5.6
2004-05	42	59	1:1.4
2005-06	42	150	1:3.6
2006-07	42	93	1:2.2

8. DETAILS OF NATIONAL /INTERNATIONAL/REGIONAL SEMINARS/ CONFERENCES AND WORKSHOPS ATTENDED BY THE STAFF

Year	Name	Title	Place and date	Level
2001-02	Ms. Mary Anbarasi	Recent trends in Chemistry	All India Association for Christian Higher Education Fatima College, Madurai, 20 Dec 2001	Regional
	Mrs. Southamani	YRC District Organizers, Conference	Bharathidasan University, Trichy 07 Jan 2002	Regional
	Mrs. Kalanithi	Modern Trends in Chemistry	Vivekananda College, Tiruvedakam west 30-31 Jan 2002	Regional
	Mrs. Southamani	Recent trends in Chemistry	S F R College for women, Sivakasi 01 Feb 2002	National
	Dr.Sr. Yesu Thangam	Training Course in college Administration for Principals and vice Principals	Kristu Jyoti College, Bangalore 10 – 16 May 2002	National



2002-03	Mrs. Mary Anbarasi	Life at Cross Roads	Xavier Board of Higher Education in India, Bangalore 08-12 May 2003	National
	Dr. Sr. Yesu Thangam	LaTeX	St. Joseph's College (Autonomous) Trichy 27 Jan 2003	Regional
	Dr. Yesu Thangam	EPR Spectroscopy and imaging	MK University, Madurai 07 Feb 2003	Regional
	Mrs. Kalanithi	EPR Spectroscopy and imaging	MK University, Madurai 07 Feb 2003	Regional
2003-04	Dr. Sr. Yesu Thangam	Photochemistry	Gordon Research Conference on Photochemistry, Mount Holyoke College, South Hadley, MA, USA 20-25 July 2003	International
	Mrs. Southamani	YRC Regional level meet of district organizers	YRC zone at V.O.C College Tuticorin. 22 Sep 2003	Regional
	Mrs. Mary Imelda Jayaseeli	Challenges of Value Education at College Level	Xavier Board of Higher Education, Arul Anandar College, Madurai 26 – 27 Sep 2003	Regional
	Mrs. Mary Anbarasi	Prof. Miss. Evelyn Rhine Lecture I	Lady Doak College, Madurai. 13 Feb 2004	Regional
	Sr. Yesu Thangam	Recent Trends in Isolation, Characterization, Synthesis and Biological Studies of Organic Compounds	Gandhigram Rural Institute, Deemed University, Gandhigram 5-6 March 2004	National



	Mrs. Southamani	Recent Trends in Isolation, Characterization, Synthesis and Biological Studies of Organic Compounds	Gandhigram Rural Institute, Deemed University, Gandhigram 5-6 March 2004	National
2004-05	Mrs. Mary Imelda Jayaseeli	Promotion of Research and Quality Improvement in Colleges	Arul Anandar College, Karumathur 09 Oct. 2004	Regional
	Dr. Sr. Yesu Thangam	Asia-Pacific EPR/ESR Symposium	IISc, Bangalore 22-25 Nov. 2004	International
	Mrs. Mary Imelda Jayaseeli	Recent Trends in Chemistry	Fatima College, Madurai 17 Dec. 2004	Regional
	Dr. Sr. Yesu Thangam	Bioethics Education	JA College, Periyakulam 20 Jan. 2005	International
	Mrs. Vijaya	Bioethics Education	JA College, Periyakulam 20 Jan 2005	International
	Mrs. Southamani	Bioethics Education	JA College, Periyakulam 20 Jan. 2005	International
	Mrs. Mary Imelda Jayaseeli	Bioethics Education	JA College, Periyakulam 20 Jane 2005	International
	Mrs. Kalanithi	Bioethics Education	JA College Periyakulam. 20 Jane 2005	International
	Mrs. Mary Anbarasi	Bioethics Education	JA College Periyakulam 20 Jan. 2005	International
	Dr. Sr. Yesu Thangam	Post Accreditation Initiatives on Quality Sustenance and Quality Enhancement	Southern Regional Conference Vellalar college for women Erode.4 – 5 Feb 2005	Regional



	Mrs. Mary Anbarasi	Recent Trends in Chemistry	Sri S. Ramasamy Naidu Memorial College, Sattur 19 Feb 2005	Regional
	Dr. Sr. Yesu Thangam	Digitalized information exchange for quality sustenance and enhancement among accredited Institutions	St. Joseph's College, Trichy 3 – 4 Mar 2005	National
2005-06	Mrs. Kalanithi	Nature Conservation and Eco-Development	The Anglade Institute of Natural History, Shembaganur, Kodaikanal 23-25 June 2005	Regional
	Mrs. Mary Anbarasi	Nature Conservation and Eco-Development	The Anglade Institute of Natural History, Shembaganur, Kodaikanal 07-10 July 2005	Regional
	Mrs. Vijaya	Quality Sustenance and enhancement in post – Accreditation Context	St.Xavier's College Palayamkottai 09-10 Sep 2005	National
	Mrs. Mary Anbarasi	Chem informatics & Drug Design	Fatima College, Madurai 29-30 Sep 2005	National
	Mrs. Southamani	Chem informatics & Drug Design	Fatima College, Madurai 29-30 Sep 2005	National
	Dr. Sr. Yesu Thangam	Quality Enhancement- The role of Principal	Madurai Kamaraj University Madurai 11 Nov 2005	Regional
	Dr. Sr. Yesu Thangam	Networking of Libraries through INFLBNET	PSG College of Arts and Science, Coimbatore 17 – 18 Dec 2005	Regional



	Mrs. Kalanithi	Bio – Banquet (Drug Designing)	Sri Adi Chunchanagiri Women’s College, Cumbum, 27 Jan 2006	Regional
	Mrs. Vijaya	Prof. Evelyn Rhine Lecture Series 2006	Lady Doak College, Madurai 14 Feb 2006	Regional
	Ms. Suja Regina Mary	Pure and applied Chemistry	Sourashtra College, Madurai 1 Mar 2006	Regional
2006-07	Dr. Sr. Yesu Thangam	Opportunities and Challenges in Bio- Technology and Environmental Sciences	Vellalar College for Women, Erode 22-23 Feb 2007	International
	Dr. Sr. Yesu Thangam	Emerging Trends in Chemistry	CPA College, Bodi 26-27 Jul 2006	National
	Mrs. Southamani	Emerging Trends in Chemistry	CPA College, Bodi 26-27 Jul 2006	National
	Mrs. Kalanithi	Emerging Trends in Chemistry	CPA College, Bodi 26-27 Jul 2006	National
	Dr. Sr. Yesu Thangam	Role of Autonomous Colleges in strengthening the Quality of Higher Education	UGC, SERO, Hyderabad 5-6 Aug 2006	National
	Mrs. Vijaya	Human Rights- Changing Trends & Challenges	Lady Doak college, Madurai 18-20 Jan 2007	National
	Dr. Sr. Yesu Thangam	Exploring Excellence in Higher Education	Christ College, Bangalore 23-24 Feb 2007	National
	Mrs. Southamani	Exploring Excellence in Higher Education	Christ College, Bangalore 23-24 Feb 2007	National



	Mrs. Mary Anbarasi	Modern Trends in Chemistry	Vivekanandha College, Thiruvedakam. 27 Feb 2007	National
	Dr. Sr. Yesu Thangam	Issues and Challenges in Higher Education	Kongunadu Arts & Science College, Coimbatore 7-8 Mar 2007	National
	Mrs. Mary Anbarasi	Educational Technology	Christ Collge, Bangalore, 23-24 Mar 2007	National
	Mrs. Mary Anbarasi	Renewable Energy and Energy Conservation for Rural Development	Gandhigram Rural Inistute, Gandhigram 01 Nov 2006	Regional
	Mrs. Kalanithi	Expanding Frontiers in Chemistry	Arulanandar College, Karumathur 08 Mar 2007	Regional

9. DETAILS OF SEMINARS ORGANISED

Year	Title of Seminar	Date & Place	Funding Agency	Nature
2004-05	Green Chemistry	JA College 10 Jan 2005	JAC, Periyakulam	Regional
2005-06	Current Trends in Chemistry	JA College 11 Jan 2006	JAC, Periyakulam	Regional
2006-07	Recent Trends in Chemistry	JA College 27-28 Sep 2006	JAC, Periyakulam	National

10. DETAILS OF ON-GOING PROJECT

Nature	Investigators	Title	Funding Agency	Amount Rs.	Duration
Minor	Dr. Sr. Yesu Thangam (Principal Investigator) Mrs. Kalanithi (Co-investigator) Mrs. Mary Anbarasi (Co-investigator)	Corrosion inhibition by Oxyanions	UGC	1,00,000	2007-2009

**11. DETAILS OF RESEARCH PUBLICATIONS
JOURNALS**

Year	Staff	Title	Name of the Journal	Nature
2003-04	Dr. Sr. Yesu Thangam	Nanotechnology: A boon to Humanity if Bioethics is practiced.	Challenges for Bioethics from Asia	International
2006-07	Dr. Sr. Yesu Thangam	Photodynamic action and antimicrobial activity of some excited metabolites of Dalbergia Sissoides and their ability to cleave DNA	Natural Product Communications Vol 2 No. 2. 2007, Pages 159-168	International

PROCEEDINGS

Year	Staff	Title	Name of the Proceedings	Place & Date	Nature
2003-04	Dr. Sr. Y. Yesu Thangam	Photodynamic action of 2-Naphthaquinones	National Seminar on Chemistry	GRI University, Gandhigram 5-6 Mar 2004	National
2005-06	Mrs. A. Mary Imelda Jayaseeli	Luminescent Enhancement of Cobalt-Salen Complexes in Micelles	National Seminar	Annamalai University Chidambaram 9-10 Mar 2006	National
2006-07	Dr. Sr. Y. Yesu Thangam	Photodynamic Generation of Reactive Oxygen Species & DNA Cleavage of Embelin: An EPR study	National Seminar on Emerging Trends in Chemistry.	CPA College, Bodi. 26-27 July 2006.	National
	Mrs. C. Mary Anbarasi & Mrs. M. Kalanithy	Value Crisis and Value Education	National Conference on Recent Trends in Understanding and Applying Theory and Practice of Values	JA College for Women Pkm 11-12 Jan 2007	National
	Mrs. A. Emelda Jayaseeli	Iron(III) Salen Catalyzed H ₂ O ₂ Oxidation of Methyl Phenyl Sulfoxide – Kinetics and Mechanism”	National Conference on Recent Trends in Chemistry”	JA College for Women, Pkm. 27-28 Sep 2006	National

**BOOK**

Staff	Name of the Book	Publisher	Year
Dr. Sr. Yesu Thangam Mrs. Vijaya Mrs. Southamani Mrs. Kalanithi Mrs. Mary Anbarasi	Every Day Chemistry	ACCA Publishers, JA College	2005 -2006

COURSE MATERIALS

Year	Staff	Title	Beneficiaries
2002-03	Mrs. Vijaya	Physical Chemistry	III UG Chemistry students
	Mrs. Southamani Mrs. Mary Imelda Jayaseeli Mrs. Kalanithi Mrs. Mary Anbarasi	Volumetric and Qualitative Analysis	Ancillary Chemistry students
2005-06	Dr. Sr. Yesu Thangam Mrs. Vijaya Mrs. Southamani Mrs. Kalanithi Mrs. Mary Anbarasi	Industrial Chemistry	Elective for II B.Sc Students
2006-07	Dr. Sr. Yesu Thangam Mrs. Kalanithi	C Programming & Applications to Chemistry	III UG Chemistry Students
	Dr. Sr. Yesu Thangam	General Knowledge(Edited)	III UG Students

12. JOURNALS/PERIODICALS/NEWS PAPERS IN THE DEPARTMENT LIBRARY

Competition Success Review and General Knowledge Today

Science Reporter