

DEPARTMENT OF



B.Sc (CHEMISTRY)-2010



VISION

- ❖ **providing excellence in chemical education.**

MISSION

- ❖ **Promoting Independent thoughts, exchange of ideas and high ethical standards.**
- ❖ **Use of innovative instructional techniques.**
- ❖ **Encouraging Scientific temper among the students.**

HEAD :

Ms.P.Lakshmi Prabha, M.Sc., M.Phil., B.Ed.,

Number of Faculty Members : 9

Number of Technical Staff : 1

QUALIFICATION	NUMBER OF FACULTY
Ph.D	1
Ph.D (Pursuing)	1
M.Phil	9
PGD in Textile Chemistry	1



DEPARTMENT OF CHEMISTRY



Seminar / Workshops / Conference

Faculty Name	National Level	International Level	Regional	Papers Presented	Total
Ms.P.Lakshmi Prabha	4	3	1	4	12
Ms.M.Anu	1	1	1	-	3
Ms.G.Banukarthi	-	1	-	-	1
Ms.J.Therese Punitha	1	1	-	1	3
Dr.N.Manimaran	5	1	-	5	11
Total	11	7	2	10	30

RESEARCH PUBLICATION



Faculty Name	2011 - 12		2012 - 13		2013-14		Total
	NJ	INJ	NJ	INJ	NJ	INJ	
Ms.P.Lakshmi Prabha		2		1		2	5
Ms.G.Banukarthi		1					1
Ms.M.Anu				1		6	7
K. Rajeswari						1	1
P.Rexy Kanjana						1	1
P.Therese Punitha						4	4
Dr.N.Manimaran		2	1	2		1	6
Total		5	1	4		15	25
Publication in International/National Conference Proceeding	1	1			1	1	4
No of Publications in peer reviewed journals							17

Seed Money From Management For Mini Project

Name of the staff	Title	Amount in Rs.	Year
Ms.G.Banuk arthi	Synthesis, Characterization and evaluation of antimicrobial activity	10,000	2011-2012
Ms. M.Anu	Synthesis and Characterization of Schiff's base	10,000	2011-2012



Outreach Programme

**Social Awareness
Seminar on “ Solid
Waste Management”,
at R.C Middle School,
Trichy on 09.01.2015**

**“Importance of Women's
Education” at UDV .Hr. Sec.
School, Trichy on 08.08.2014**



INTER DEPARTMENTAL LINKAGE PROGRAMME


BIOCHEMISTRY

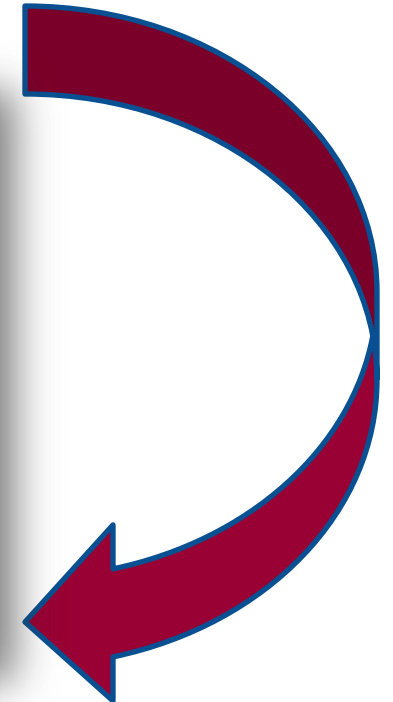
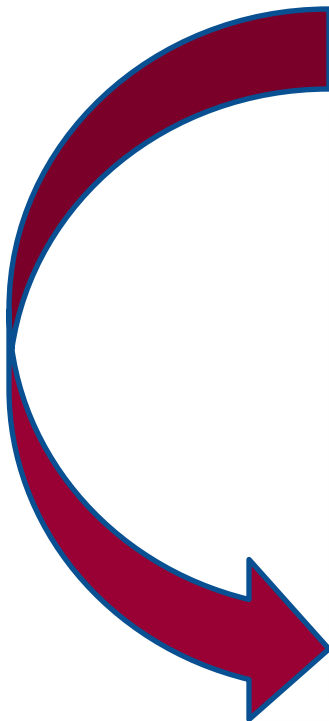


CHEMBIO REJUVENATE
Inter collegiate
competition
On 19.08.2011

SOCIAL
WORKMANAGEMENT
STUDIES



Solid waste
management
On
04.04.2014



BC,MB
&
HA

“Public Health Awareness Programme”
on the event of
World Mothers Day
Date : 18.05.2014

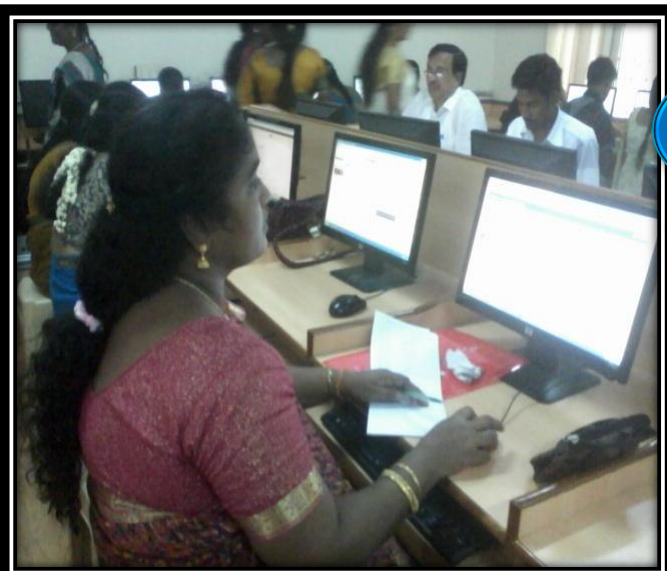
Creation of Dynamic Tool

**CS
&
IT**



CHEMO- TECH “14”
Date : 23.09.2014

FDP Programme Attended



Green Techniques
in Chemistry
Laboratory
Experiments on
09.01.2013

E – literacy on
11.08.2011 –
13.08.2011

SPSS
Package on
16.04.2010-
17.04.2010

E – Content
Development
on 11.10.2011
– 13.10.2011

Problem Solving Life
Situation on 16.12.2014

CONSULTANCY



**Served as resource
person In Service
Training Programme
for Secondary Grade
Science Teachers
Sponsored by TNSCST
21.11.2011-25.11.2011**

CONSULTANCY

P.Lakshmi Prabha is acting as a Consultant of Pure and Cure Aquaa foods for taking analysis Pertinent to water on 11.7.2014.



CONSULTANCY

**WATER ANALYSIS IN
CHEMISTRY LABORATORY
SIGC, TRICHY-2 on 10.7.2014**



Extension Activity

No of Fine arts coordinator

-1

Ms. P. Raxy Kanjana

2013 onwards

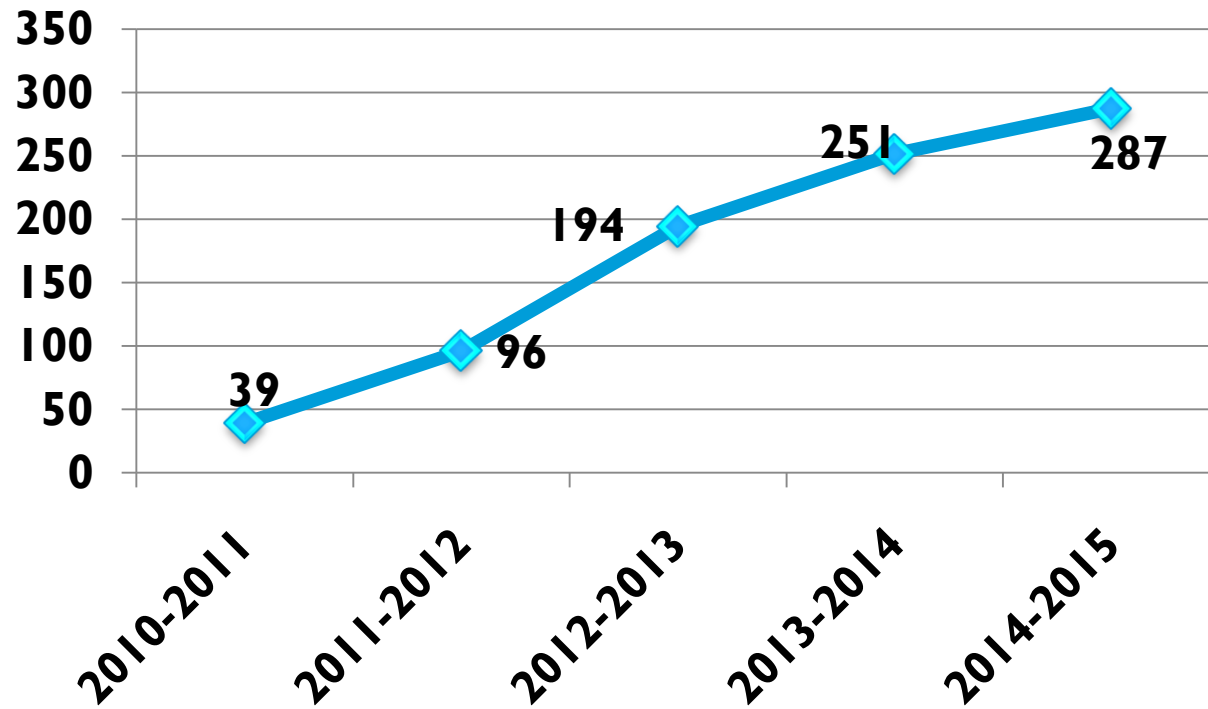


STUDENT DETAILS



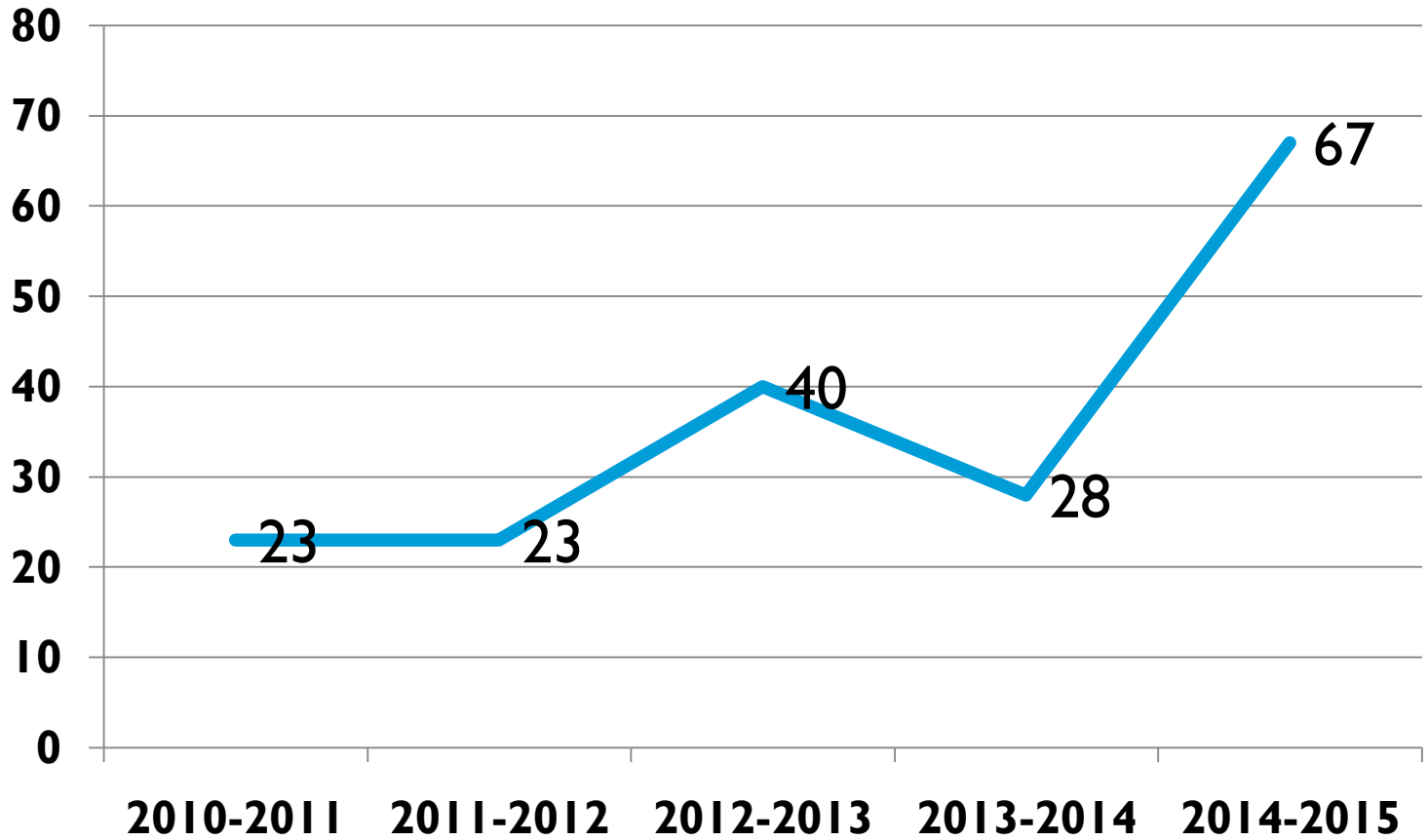
STUDENT STRENGTH

B.Sc Chemistry

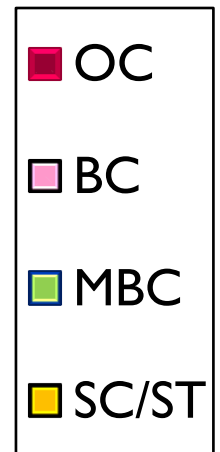
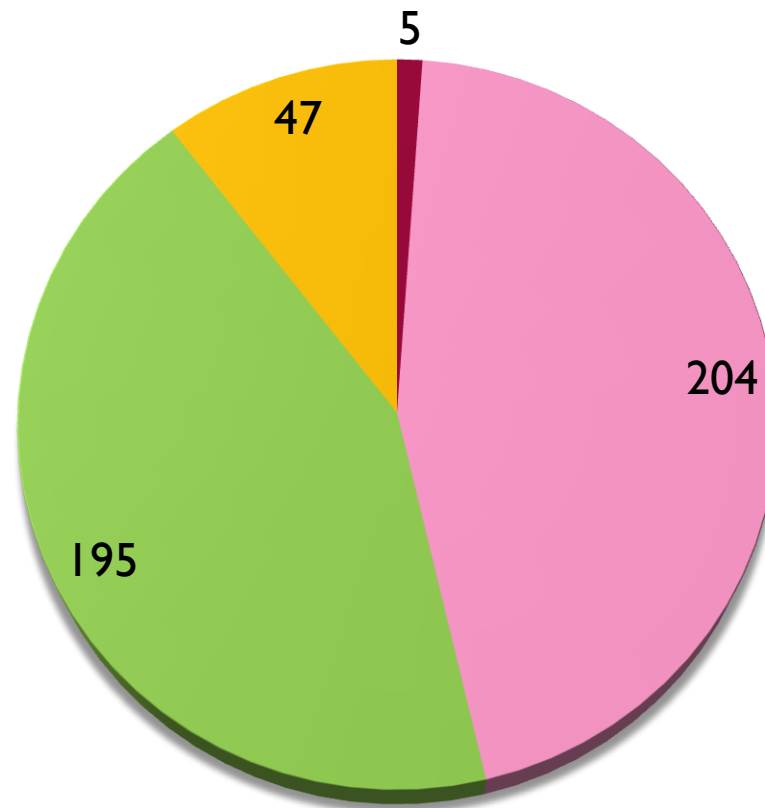


STUDENT STRENGTH

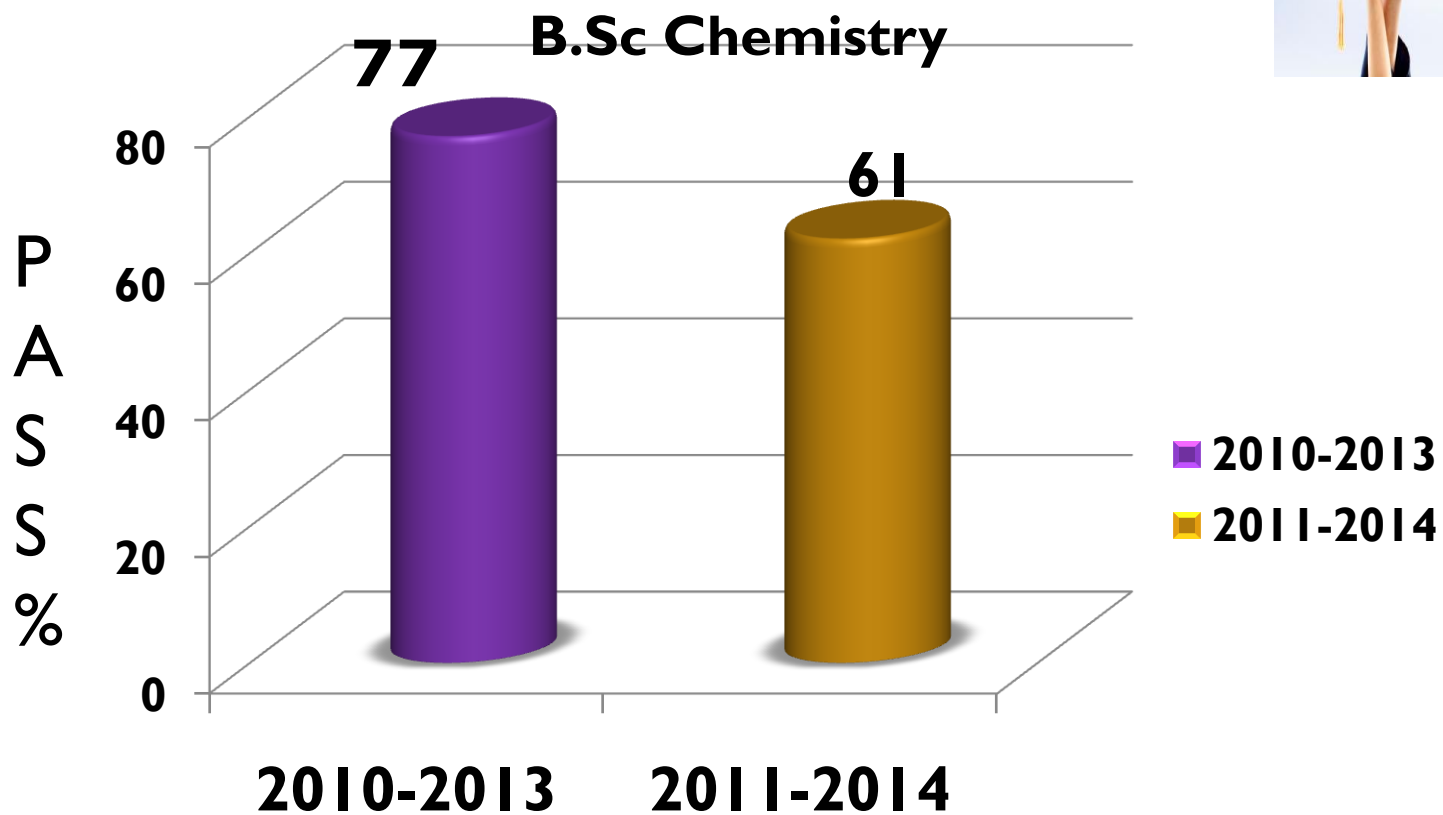
CPLT



STUDENT DETAILS

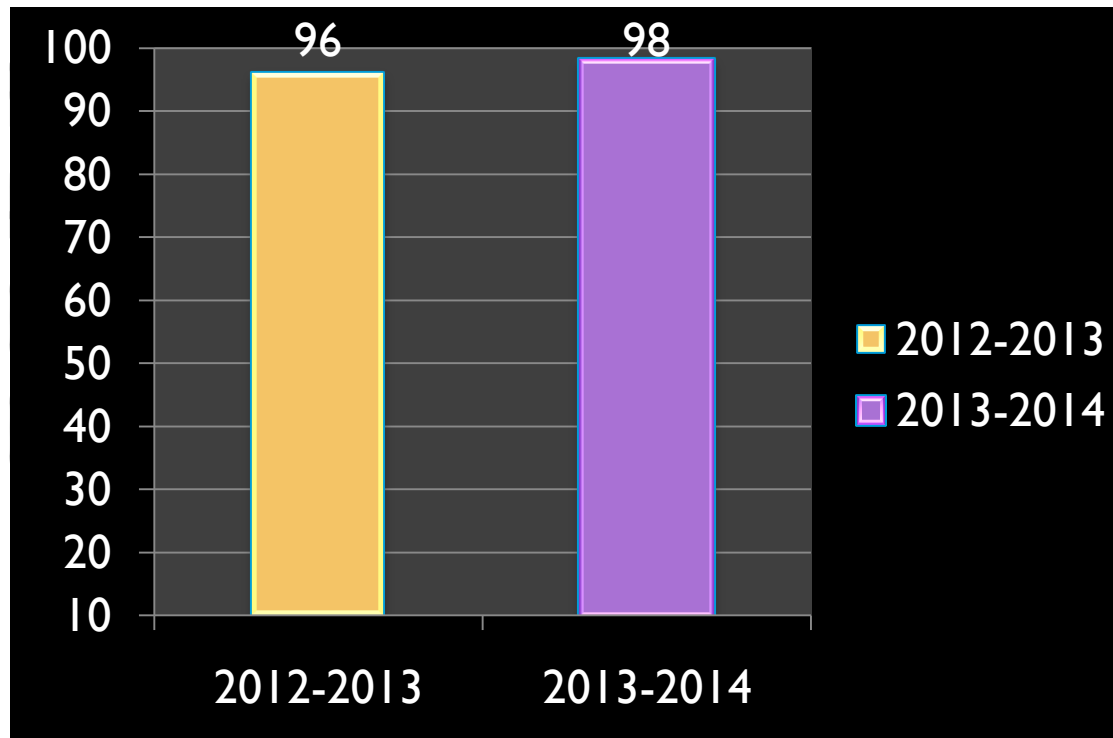


RESULT ANALYSIS



RESULT ANALYSIS

CPLT Pass %

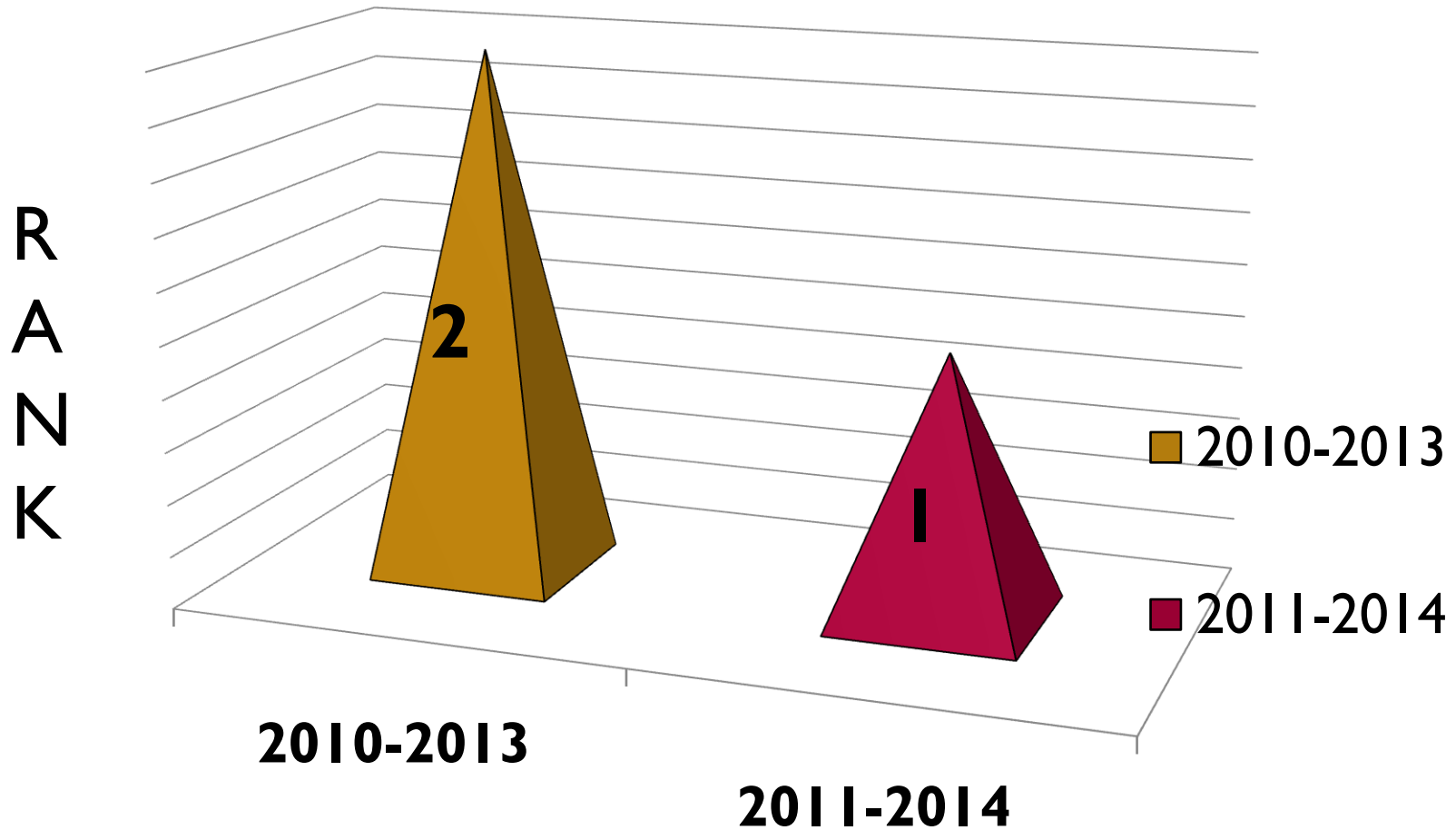


Inter Institutional Linkage



CPLT
Certificate Programme in Laboratory Techniques
(Association with IECD OF BDU FROM 2012 onwards)

RANK HOLDERS



TEACHING & LEARNING METHODS

Teaching Method

- ❖ Chalk and talk method
- ❖ Charts
- ❖ LCD Projector
- ❖ Models and tools
- ❖ Over Head Projector

Learning Method

- ❖ Study Materials
- ❖ Laboratory Manual
- ❖ Evaluation Process
- ❖ Question Bank with Answer
- ❖ Reading e-books
- ❖ Group discussion

TEACHING & LEARNING METHODS

Regarding Practical

- ❖ Demo is given for all the experiments.
- ❖ Repetition classes are given for the incomplete experiments.

Evaluation process

- ❖ Seminar
- ❖ Quiz
- ❖ Assignment
- ❖ Viva – Voce
- ❖ Cycle test
- ❖ Mid sem
- ❖ End sem
- ❖ Slip test

STUDENT PROGRESSION



CHEMISTRY	2010-2013	2011-2014
No. of Distinction	26	4
No. of Student Placed /Strength	-	8
No. of Student Pursuing Higher studies	28	25



STUDENTS ACHIEVEMENTS

Student Name	Event	Date	Participation / Prize
S.Hema	Folk Dance BDU In Trichy	23.11.2011	III Prize
S.Hema	Folk Dance BDU In Trichy	13.09.2012	III Prize
G. Santhaneswari	Classical Dance BDU-Fest in Trichy	12.09.12	IV Prize
S. Nagalakshmi	100 mts Backstroke	09.07.13	2nd Place
S. Nagalakshmi	Swimming –Champion Ship	16.11.13	Over All Champion Ship
S. Nagalakshmi	Volley Ball - Winner	17.11.13	I Prize
R. Girija Devi	Basket Ball- Winner (District Level) - Runner	9.8.2014	I Prize

Student Name	Event	Date	Participation / Prize
S. Jalakeswari	Yoga	9.8.2014	V Prize
S. Ananthi	Yoga	9.8.2014	V Prize
R. Girija Devi	Basket Ball- Runner	17.10.2014	I Prize
R. Girija Devi	Basket Ball- Winner	25.11.2014	I Prize
A. Vinitha	Hockey	9.12.2014	Runner
Uma Devi & K. Sandhiya	Quiz	20.12.2014	I Prize

STUDENT ACHIVEMENTS



S. Nagalakshmi

**Overall Championship in swimming
competition on 16.11.13**



R. Girija Devi

**I Prize in
Basket Ball**



S.Hema

Folk Dance



G.Santhaneshwari
Classical Dance

**Uma Devi
&
K. Sandhiya**
**I Prize in
Quiz**

AWARDS AND RECOGNITION



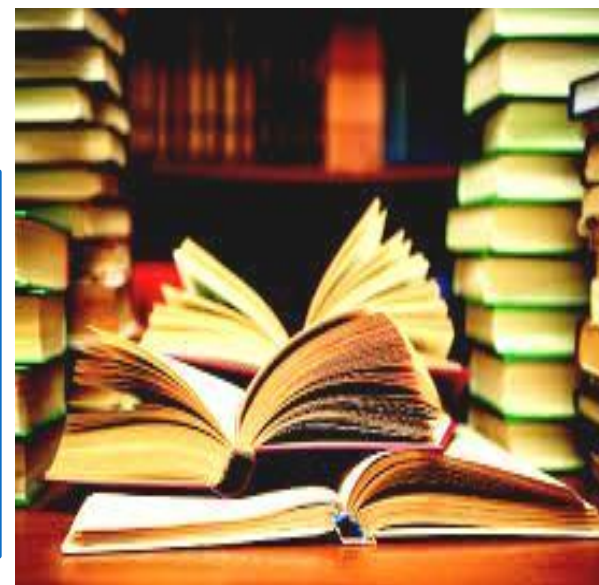
M. Meena – Best Reader award
On 22.3.2014



LIBRARY

No of Books available in our college Library

Title	-25
Volume	-43
Magazine	-1 (CHEMISTRY TODAY)



No of Books in our Chemistry Department - 40

Peer Learning



STUDENT INITIATIVE PROGRAMME

❖ **Exhibition Come Awareness programme on
“CHEM Tips for Identification of Food
Adulterants” on 16.08.2010**





**An Outreach
programme on
“Clean Environment”
at Santhosh Special
School ,Trichy on
09.01.2015**



EXHIBITION



IYC CHEM Xbit-II
Date : 17.08.2011

CHEM POWER Xbit-I4
Date : 14.10.2014



Association Activities

No of Guest Lecture Programme	15
No Of Awareness Programme	4
No Of Outreach Programme	2
No Of Workshop	2
Exhibition	2
Industrial Visit	5
Inter Collegiate Competition	1
Inter Departmental Linkage	5
Orientation Programme attended	1

FACULTY TRAINING ORIENTATION PROGRAMME

NAME OF THE FACULTY	PROGRAMME	ORGANIZED
P .LAKSHMI PRABHA	69 th UGC SPONSORED	BDU ,UGC STAFF COLLEGE COUNCIL, TRICHY on 25.05.2011-16.06.2011



Guest Lecture Programme

Eminent Scientist Who Visited the Department

Specialization

Dr. Srinivasulu Aitipamula

Scientist, ICE, Singapore

Date : 13.03.2013

Chemical and Engineering Sciences



Date:20.1.2010
Success Through
Chemistry



Dr.N.Vembu
AssistantProfessor
UDC College,
Trichy

Date :
12.07.2011
'Green
chemistry'



Dr. K.Tharani,
AssistantProfessor
Rajah serfoji
Govt.College,Tanjore.

Date : 01.08.2011

**'Trends in
chemistry'**



**Dr. H. Gurumallesh
prabhu,
Reader
Professor, Alagappa
University,
Karaikudi.**

**Date : 18.8.2011
Advanced
Techniques in
Chromotography**



**Dr.A.Burkanudeen
Jamal Mohammed
College,
Trichy.**

Date : **27.09.2011**
**'Techniques in
Nano chemistry**



Dr.ChandraMohan
AssociateProfessor,
AVVM Shri Pushpam
College,
Poondi.

Date:**9.1.2012**
**Corrosion
Effects
on Metals**



R. Elayaperumal
Assistant Professor
JJ College of
Engineering,
Trichy.

Dat:22.2.2012
**“Open Access
resources
Chemistry”**



Mr.ThomasMuthaiah
Professor
Bharathidasan
University,
Trichy.

Dae:10.8.2012
**Techniques in
Corrosiont**



Dr.A.Sivarajan
AssistantProfessor
Government Arts
and Science College,
Trichy.

Date : 09.07.2012
**“Environmental
Chemistry”**



Dr. R.Malarvizhi
Assistant Professor
Govt.Arts and Science
College for Women,
Tanjore.

Date :
25.09.2012
**‘Current scenario
in the outgrowth
of chemistry’**



Dr. N. Ezhil ,
Associate Professor
NMSSVN College,
Madurai.

Date 14.2.2013

Electrochemistry



N. Mathiyalagan
Professor
Jayaram engineering
college,
Thuraiyur.

Date:18.7.2014
Warming and
Green House
EffectGlobal



Dr.S.Ananthalakshmi,
Professor
Urumu Dhanalakshmi
College,
Trichy.

CHEMISTRY LAB



MOU / LOC



NAME OF ORGANIZATION	PURPOSE
Kothari Sugars and Chemicals Ltd.	Training and Industrial Visit.
Dalmia Cement Factory	Training and Industrial Visit.
Andavar Mineral Water.	Training for Waste Water Management.
Trichy Pharma Chem (P)Ltd	Training for Manufacture of Medicine.



Collaboration with Organization



**Pure and cure
Aqua Food - Training
Programme
14.05.2014 – 15.05.2014**



Industrial & Educational Visits



Dalmia Cement Factory

Date : 05.02.2011

AnnaPlanetorium

Date : 28.09.2014



Kothari Sugars and Chemicals Ltd., **Date : 26.02.2014**



Training programme

Kothari Sugars and Chemicals Ltd

Date: 01.03.14 - 03.03.14



Pure and Cure Aquaa Food

Date : 13.05.2014



Trichy Pharma Chem (P)Ltd

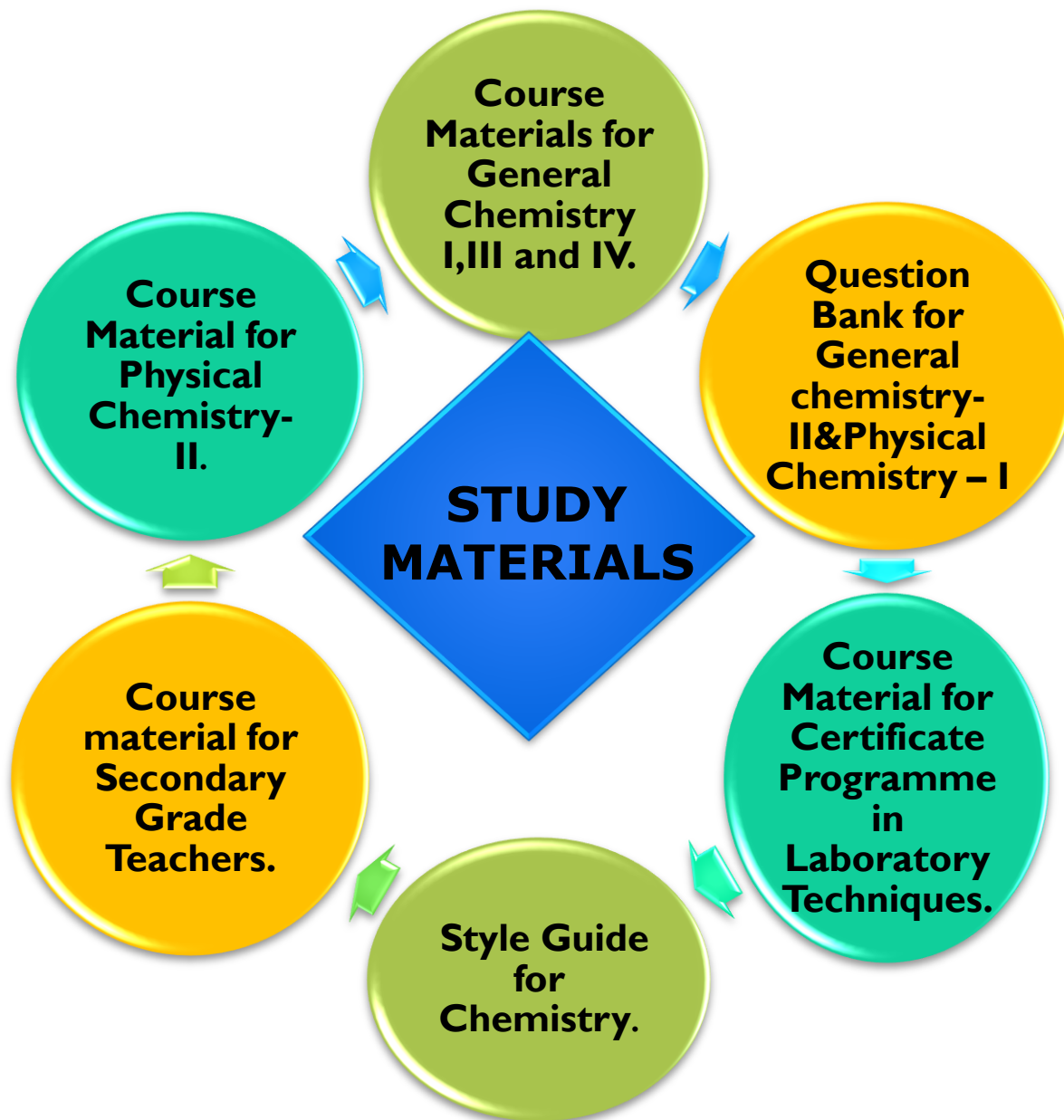
Date : 28.07.2014



**Training in Trichy Pharma Chem (P)Ltd
Date : 16.5.2014 & 17.5.2014**



STUDY MATERIALS



SWOC ANALYSIS



SWOC ANALYSIS

S T R E N G T H

- More than 75% students pursue higher studies.**
- Good linkage with organisations.**
- All faculty members are participating in research activities.**
- Motivation to students through industrial visits and inplant training.**



WEAKNESS



**❖ Communication skill
for students need to be
improved.**

OPPORTUNITIES



- ❖ Presence of large no of industries and companies in and around Trichy.
 - ❖ Encouragement by management towards field visits and internship.
-
- ❖ Scope for placement in wide variety of domains.

CHALLENGES

❖ To create a research
ambience among the
students .



FUTURE PLAN



❖ We plan to introduce M.Sc Chemistry.

❖ To promote our Department as research centre.



Thank
You

The text "Thank You" is rendered in a large, elegant, serif font with a gradient from dark red to light pink. The word "Thank" is positioned above "You". Each word is partially framed by a decorative floral arrangement consisting of two red roses with green leaves and a flowing pink ribbon. The roses are positioned to the left of the first letter of each word, and the ribbon loops around the text.