

**GOVT. DEGREE COLLEGE, YELLAREDDY**

**Department of Chemistry**



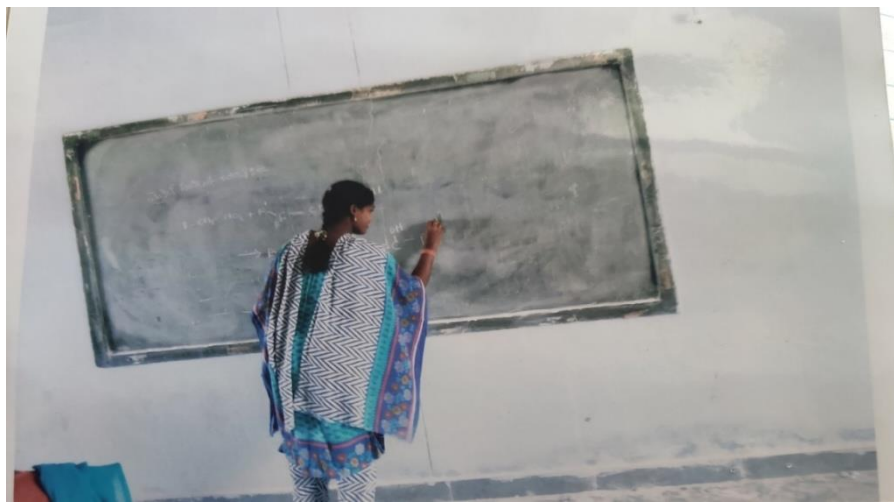
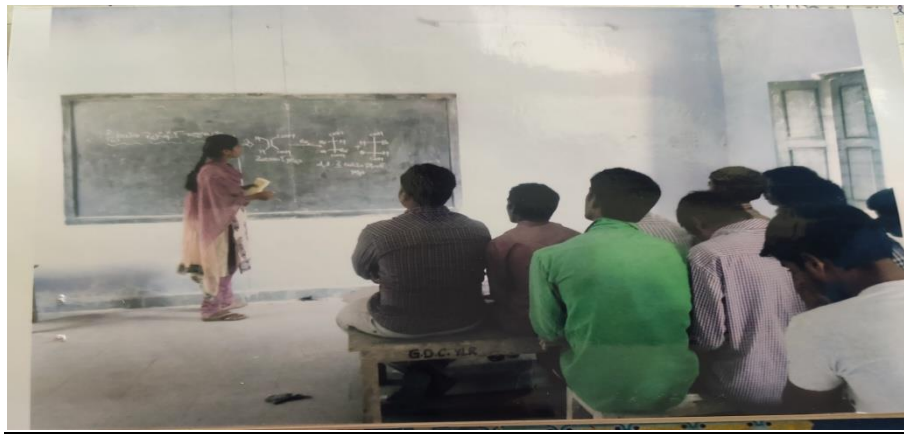
**DEPARTMENTAL ACTIVITIES REGISTER**

**2014-2015**

## Academic Year 2014-2015

### Student Seminars:

Sl.No	Name of the student	Class	Topic	Remarks
1	K.ARUNA	MPC - I	Metal Carbonyls	
2	M.pushpa	BZC - II	Osmatic Pressure	
3.	S.Ganesh	MPC - III	Carbohydrates	
4.	S.Swathi	BZC - III	Nef Reaction	
5.	M.Teja	MPC - III	Michael addition reaction	
6.	V.Swathi	MPC - II	Stereo Specific reactions	
7.	M.Srinivas	BZC - I	Bond Fission	
8.	V.Vittal	MPC - III	Streaker Reaction	
9.	B.Sindhuja	MPC - I	Silanes	
10.	P.Lalitha	BZC - III	Mannich Reaction	
11.	G.Pallavi	MPC - I	Diagonal Relationship	
12.	M.Durgaiah	BZC - II	Pinacal - Pinacalone Rearrangement	
13.	N.Savitha	MPC - II	Roult's law	
14.	T.Harish kumar	MPC - I	Silanes	
15.	G.Nagarani	BZC - III	L-Dopa	
16.	P.Mounika	MPC - III	Hoffmann Bromamide Reaction	
17.	E.Malleswari	MPC - I	Diagonal Relationship	





**Group Discussions:**

Sl. No	Name of the student		Class	Topic	Date
	Team-I	Team-II			
1	G.Renuka	L.Ramesh	BZC- II	Titanium Triad	13-11-2014
2	Poorna	P.Nagaraju			
3	S.Gangamani	S.Anil kumar			
4	A.Gayathri	D.Ravali			
1	V.Sandhya	M.Pushpa	BZC- II	Copper Triad	16-12-2014
2	K.Gangalaxmi	Sravani			
3	D.Sharadha	Srikanth			
4	Maheshwari	K.Balappa			

**Field Visit:**

Water treatment plant at Devunipally on 18-12-2014



**Student Study Projects:**

S.no.	Year	Title of the Project
1.	2014-2015	Labouratory techniques and instrumentations
2.		Fertilizers
3.		Scientists biography
4.		Named reactions

**Assignments:**

A number of assignments are given in each class.

S.No.	Year	Assignment topic
1.	B.SC I Year	1.Conformational isomerism of butane 2.Boran compounds 3.Organo metallic compounds 4.Benzene electrophilic reactions
2.	B.SC II Year	1.SN1 & SN2 Reactions 2.Colligative properties 3.EAN rule 4.Free electron theory and VBT 5.Symmetry elements & Operations
3.	B.SC III Year	1.Michalis menton equation 2.polythene, PVC,Teflon 3.Mass Spectroscopy 4.Solvent extraction 5.Chromatography 6.Drugs

**Remedial Classes:**

Paper	No.of students attended	No.of students passed	% of pass
I	22	17	77.27
II	22	15	68.98
III	24	20	83.33
IV	23	21	91.30

**QUIZ:**

Sl. No	Name of the student			Topic	Date	Remarks
	Team-I	Team)-II	Team-III			
1	T.Sathesh	S.Ganesh	S.Naveenkumar	Carbohydrates	22-09-2014	Winner team-I
2	P.Ramesh	B.Ramesh	D.Prashanth			
3	MD.Raheem	K.Pramela	B.Roja			
4	Teja	T.Saritha	P.MOunika			

**PG CET Coaching:**

S.No.	Name of the student	Remarks
1.	Narsimlu	
2.	Mahipal	
3.	Druges	
4.	Nagesh	
5.	Ganesh	



**Result Analysis:**

ACADEMIC YEAR	YEAR	PAPER	TOTAL APPEARED	No OF STUDENT S PASSED	PASS PERCENTAGE
2014-15	I	I	77	41	53.26
	II	II	70	18	26
	III	III	88	45	51.13
		IV	88	81	92

**GOVT. DEGREE COLLEGE, YELLAREDDY**

**Department of Chemistry**



**DEPARTMENTAL ACTIVITIES REGISTER**

**2015-2016**

## Academic Year 2015-2016

### Student Seminars:

Sl.No	Name of the student	Class	Topic	Remarks
1	M.Durgaiah	BZC - III	Hoffmann Bromamide Reaction	
2	M.Prasannalaxmi	MPC - I	Diagonal Relationship	
3.	K.Aruna	MPC - II	Lanthanide contraction	
4.	K.Shravani	BZC - III	Endrin	
5.	G.Mahipal	BZC - III	Glucose	
6.	Ch.Jayasridevi	MPC - II	SN1 Reaction	
7.	N.Sravanthi	MPC - I	Markonikows rule	
8.	B.Shilpa	BZC -III	Splitting d - orbitals in Oh	
9.	Srinivas	BZC -III	PVC,Teflon	
10.	D.Sharada	BZC -III	Heamoglobin	
11.	Ch.Raju	BZC - I	Enantiomers	
12.	T.Harish kumar	MPC - II	Ethylacetoacetate	
13.	K.Ganesh	BZC - III	Michalies constant	





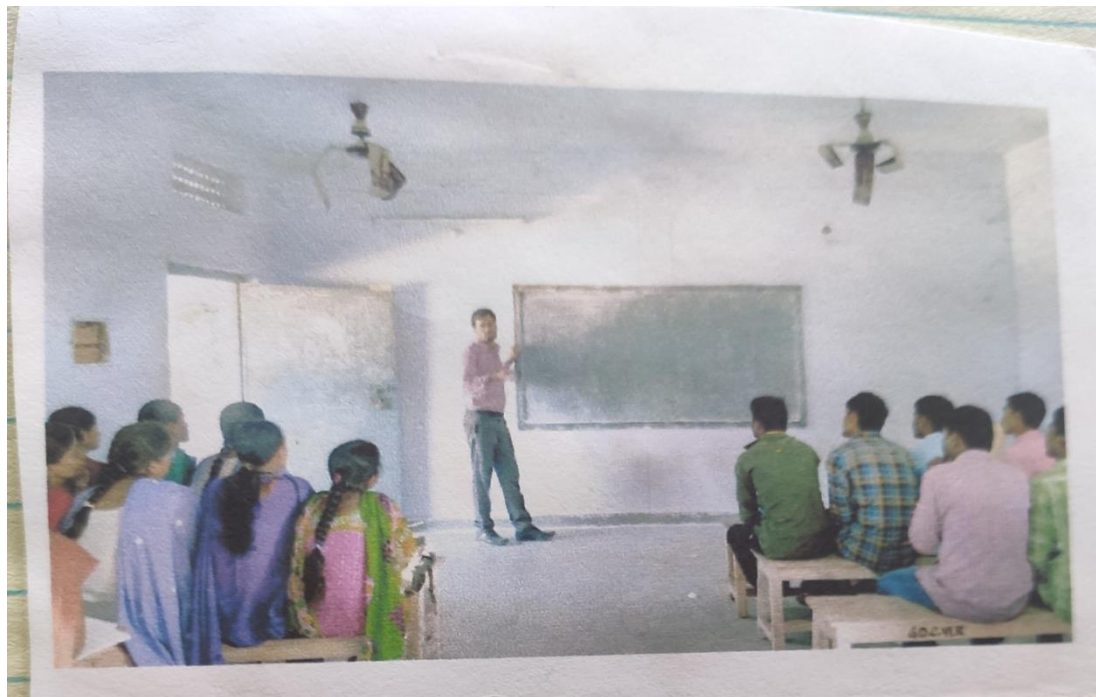
**Extension Lecture:**

K.Naresh

Assistant Professor of Chemistry

GDC Bichkunda

Date: 29.01.2016



**Field Visit:**

Sri Ram Drinking water plant at yellareddy on 23-12-2015



**Student Study Projects:**

S.no.	Year	Title of the Project
1	2015-16	Preparation of sugar from sugarcane

**Assignments:**

A number of assignments are given in each class.

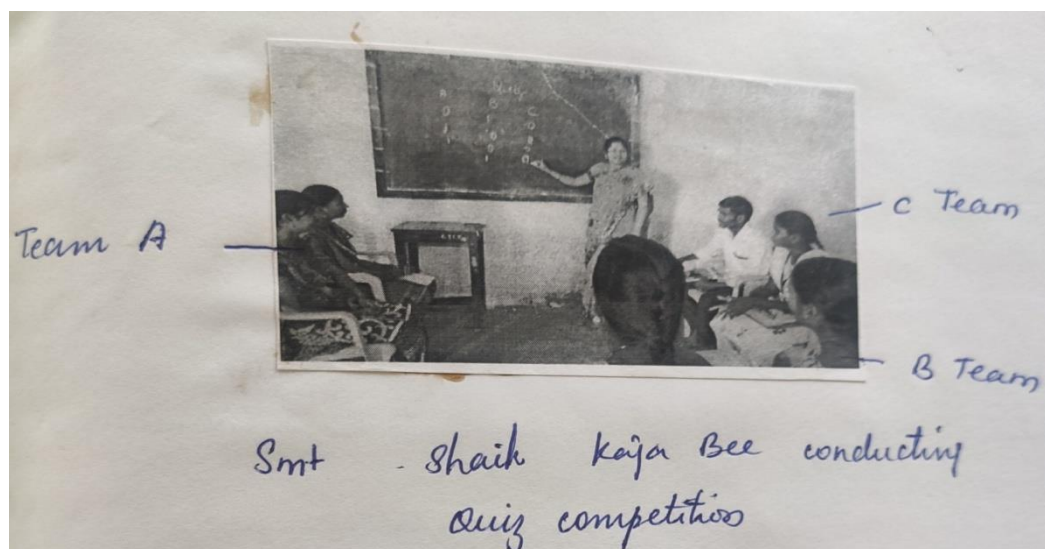
S.No.	Year	Assignment topic
1.	B.SC I Year	1.Diagonal Relationship 2.Band fission, acidic character of phenols 3.Named reactions 4.Benzene electrophilic reactions
2.	B.SC II Year	1.SN1 & SN2 Reactions 2.Lanthanides & Actinides 3.EAN rule 4.Phase rule
3.	B.SC III Year	1.Named reactions 2.polythene, PVC,Nylon-66 3.Mass Spectroscopy 4.Solvent extraction 5.Chromatography 6.Drugs 7.Glucose

**Remedial Classes:**

Paper	No.of students attended	No.of students passed	% of pass
I	18	14	77.77
II	17	16	94.11
III	18	15	83.33
IV	18	16	88.88

**QUIZ:**

Sl. No	Name of the student			Topic	Date	Remarks
	Team-I	Team-II	Team-III			
1	CH.Srdevi	K.Ravinder	G.Renuka	General Chemistry	04-01-2016	Winner team-II
2	D.Ravali	M.Prasannalaxmi	V.Savithri			
3	Sailu	Gangamani	B.Keerthi			
4	P.Raju	T.Saritha	K.Mounika			

**PG CET Coaching:**

S.No.	Name of the student	Remarks
1.	CH.Narsimlu	
2.	Balappa	
3.	Nagesh	
4.	Mohan	
5.	Ashwin	



**Result Analysis:**

ACADEMIC YEAR	YEAR	PAPER	TOTAL APPEARED	No. of STUDENTS PASSED	PASS PERCENTAGE
2015-16	I	I	70	23	32.85
	II	II	70	33	47.14
	III	III	66	36	54.54
		IV	66	37	56.06

**GOVT. DEGREE COLLEGE, YELLAREDDY**

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**DEPARTMENTAL ACTIVITIES REGISTER**

**2016-2017**

## Academic Year 2016-2017

### Student Seminars:

Sl.No	Name of the student	Class	Topic	Remarks
1	G.Pallavi	MPC - III	Synthesis of aminoacids	
2	K.Parandamulu	BZC -III	SN1 Reaction	
3.	K.Shekar	BZC - I	Hybridization	
4.	B.Jyothi	MPC - III	Carbohydrates	
5.	M.Sarveshkumar	BZC - I	Quantum numbers	
6.	B.Shilpa	BZC -III	Neff reaction	
7.	Sameera	BZC -II	Pinacal - Pinacalone Rearrangement	
8.	B.Shravankumar	MPC - III	VBT	
9.	N.Preethi	BZC -I	Silicones	
10.	K.Shanthamma	BZC -III	Solvent extraction	
11.	Shivashanker goud	BZC - II	Symmetry elements	
12.	P.Mounika	MPC - III	Relation between Cp-Cv	
13.	M.Rajyalaxmi	BZC - I	Henry's law	
14.	R.Navatha	BZC - I	d-block elements	
15.	T.Bhanuprasad	MPC - I	Zero group elements	



**Extension Lecture:**

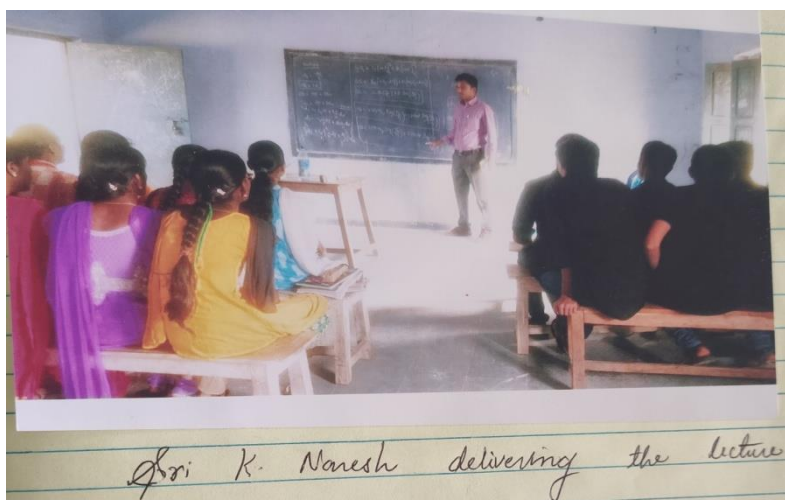
K.Naresh

Assistant Professor of Chemistry

GDC Bichkunda

Date: 03.12.2016

Topic: Thermodynamics



**Field Visit:**

**Gayathri sugar factory, kamareddy on 28-01-2017**



*Packing machinery. — After sugar production, sugar is packed in bags using above machinery.*

**Student Study Projects:**

S.no.	Year	Title of the Project
1	2016-17	Adultration
2		Chromatography

**Assignments:**

**A number of assignments are given in each class.**

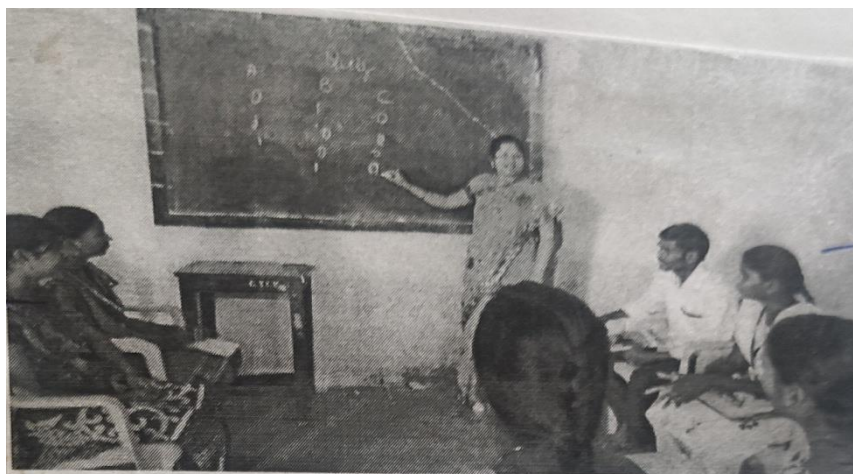
S.No.	Year	Assignment topic
1.	B.SC I Year	1. Inductive effect 2. Markonikov's & Anti markonikov's 3. Photoelectric effect & Compton effect 4. liquid crystals
2.	B.SC II Year	1. carbonyls 2. Symmetry elements 3. EAA 4. Named reactions 5. Precipitation and co precipitation
3.	B.SC III Year	1. Named reactions 2. Warner's theory 3. Hetero cyclic compounds 4. aminoacids 5. Job's method 6. Beerlambert's law 7. Polymerisation 8. Green chemistry

**Remedial Classes:**

Paper	No. of students attended	No. of students passed	% of pass
I	11	09	81.81
II	9	8	88.88
III	10	6	60
IV	6	6	100

**QUIZ:**

Sl. No	Name of the student			Topic	Date	Remarks
	Team-I	Team)-II	Team-III			
1	Sameerabegum	O.Nelima	P.Gangamani	General Chemistry	18-01-2017	Winner team-II
2	P.Mounika	M.Prasannalaxmi	CH.Raju			
3	K.Sandhyarani	Deepika	Laxman			
4	Arjun	Sandhya	Bhanu			

**PG CET Coaching:**

S.No.	Name of the student	Remarks
1.	K.Shanthamma	
2.	P.Swarnalatha	
3.	P.Shylaja	
4.	M.Srinu	
5.	B.Jyothi	
6.	B.Sindhuja	
7.	G.Pallavi	
8.	K.Aruna	
9.	P.Mounika	
10.	B.Shravankumar	

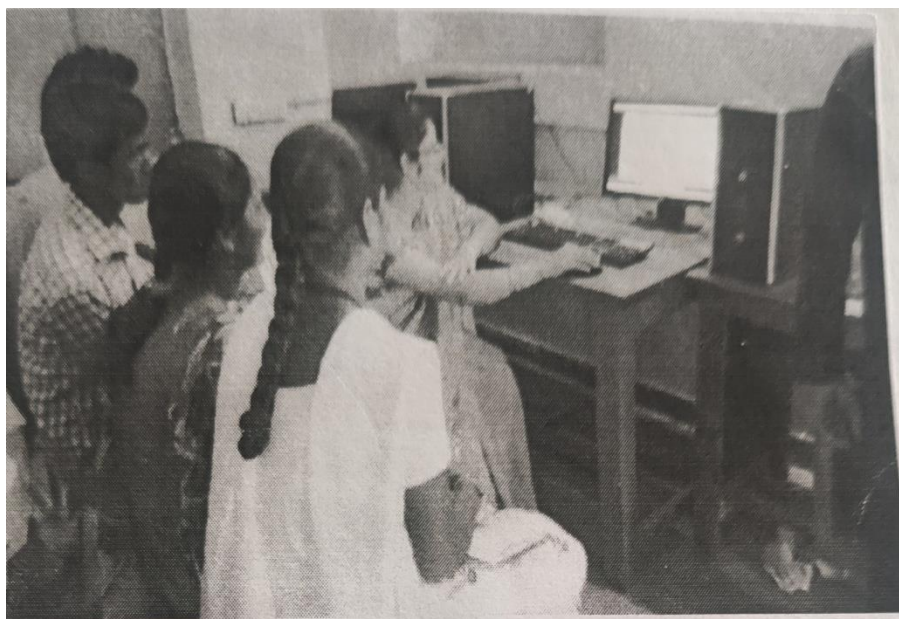


**Result Analysis:**

ACADEMIC YEAR	YEAR	PAPER	TOTAL APPEARED	No. of STUDENTS PASSED	PASS PERCENTAGE
2016-17	I	I SEM	59	37	62.72
		II SEM	52	52	100
	II	II	62	49	78.25
	III	III Paper	65	59	90.76
		IV Paper	65	62	95.38

**Power Point Presentation:**

Chromatography on 28-12-2016



**Innovative Work:**

1. Chemistry Clock prepared by Ramesh & Sameer B.Sc (MPC)
2. Periodic Table by Jyothi

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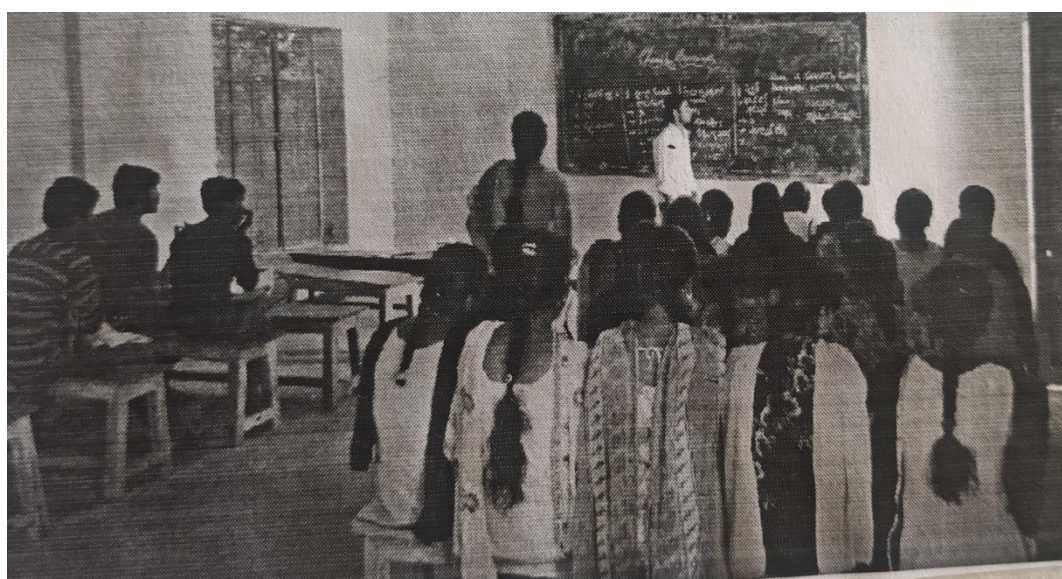
**DEPARTMENTAL ACTIVITIES REGISTER**

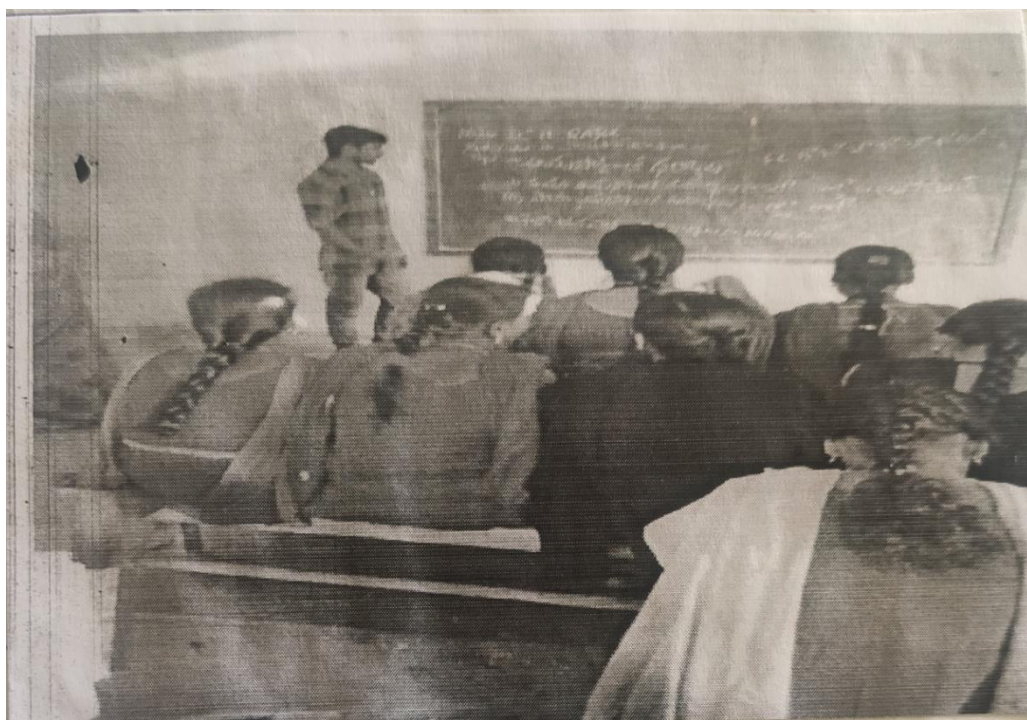
**2017-2018**

## Academic Year 2017-2018

### Student Seminars:

Sl.No	Name of the student	Class	Topic	Remarks
1	M.Prasanna Laxmi	MPC - III	VBT	
2	CH.Swetha	BZC -III	Hetero cyclic compounds	
3.	K.Sandhyarani	BZC - II	Named reactions	
4.	B.Kavitha	BZC -III	Carbohydrates	
5.	M.Sarvesh kumar	BZC - II	Free electron theory	
6.	K.Srikanth	BZC -III	Neff reaction	
7.	CH.Raju	BZC -III	Complex compounds	
8.	K.Kavitha	BZC - II	Werner's theory	
9.	A, Madhavi	BZC -III	Heisnbergs methods	
10.	P.Kaveri	BZC -II	Aromaticity	
11.	N.Pushpa	BZC - II	Asymmetric synthesis	
12.	B.Navaneetha	MPC - II	Hunsdiecker reaction	





**Extension Lecture:**

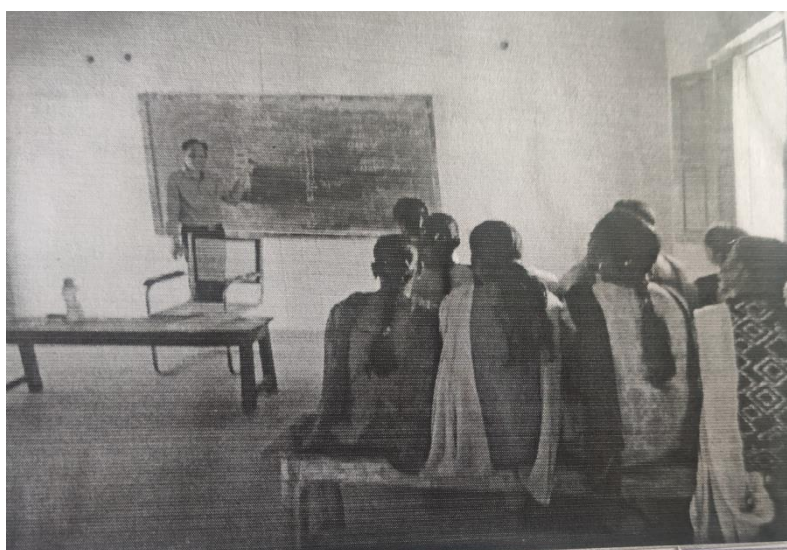
B.karnukar Rao

Associate Professor of Chemistry

GDC Kamareddy

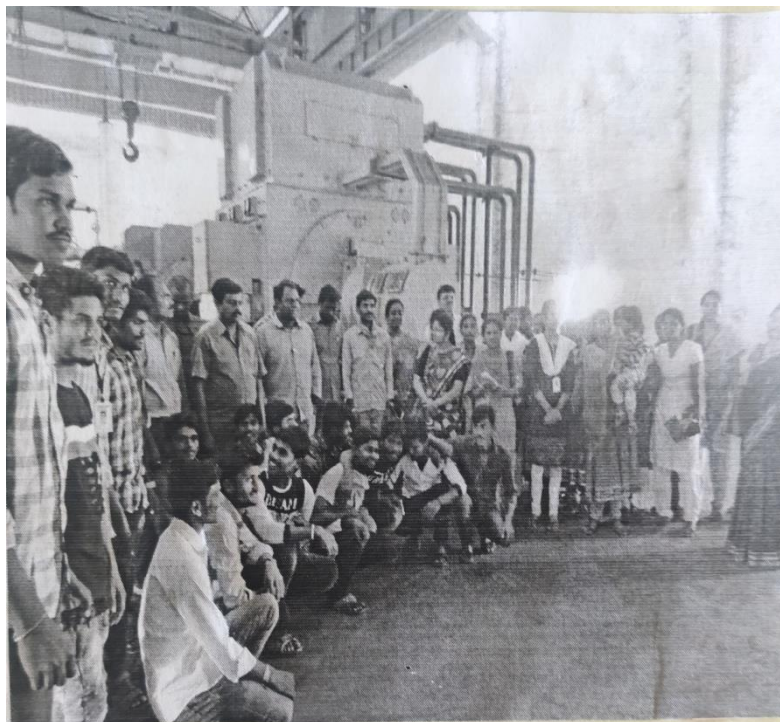
Date: 28-11-2017

Topic: Chromatography



**Field Visit:**

**Gayathri sugar pvt.ltd. , Maagi, nizamsagar on 30-12-2017.**



**Group Discussions:**

Sl. No	Name of the student			Class	Topic	Date
	Team-I	Team-II	Team-II			
1	V.Anusha	K.Balu	B.Swapna	BSC-III	Food Adultration	3-11-2017
2	N.Sravanthi	CH.Raju	L.Anitha			
3	M.Prasanna laxmi	K.Srikanth	S.Swaroopa			
4	S.Aruna	K.Shivashankar goud	CH.Swetha			



**Student Study Projects:**

S.no.	Year	Title of the Project
1	2017-18	Bio separation of Heavy metal ions from aqueous solutions by religosa leaf powder

**Assignments:**

A number of assignments are given in each class.

S.No.	Year	Assignment topic
1.	B.SC I Year Paper - I	1.Markonikov's & Anti markonikov's 2.Bayer's strain theory 3.Vander waals equation
2.	B.SC II Year Paper - III	1.Symmetry elements 2.Named reactions 3. Surface chemistry
3.	B.SC III Year	1.Crysatal field theory 2.Trans effect 3.Collision theory, Transition state theory 4.Mass spectroscopy 5.Carnot Cycle 6.Meisners effect 7.Polymerisation 8. Drugs 9. pesticides 10.Types of electronic transitions
4.	B.SC I Year Paper – II	1.Interhalogens & Polyhalides 2.Reactivity of halogens 3.Types of titrations
5.	B.SC II Year Paper – IV	1.Ti,Cr & Cu Triads 2.Nernest equation,Reference electrodes & SHE 3.Stereo specific & Stereo selective reactions

**Remedial Classes:**

Paper	No.of students attended	No.of students passed	% of pass
I sem	13	9	69.23
II sem	12	8	66.66
III sem	20	16	80
IV sem	18	15	83.33
III	8	5	62.5
IV	8	5	62.5

**PG CET Coaching:**

S.No.	Name of the student	Remarks
1.	B.Kavitha	
2.	M.Prasannalaxmi	
3.	N.Sravanthi	
4.	Shaik Alisha begum	
5.	B.Kavitha	
6.	K.Soni	
7.	K.Balu	

**Result Analysis:**

ACADEMIC YEAR	PAPER	TOTAL APPEARED	No. of STUDENTS PASSED	PASS PERCENTAGE
2017-18	I SEM	52	30	57.69
	III SEM	37	24	64.86
	II SEM	52	32	61.53
	IV SEM	37	24	64.86
	III PAPER	51	38	74.50
	IV PAPER	51	35	68.62



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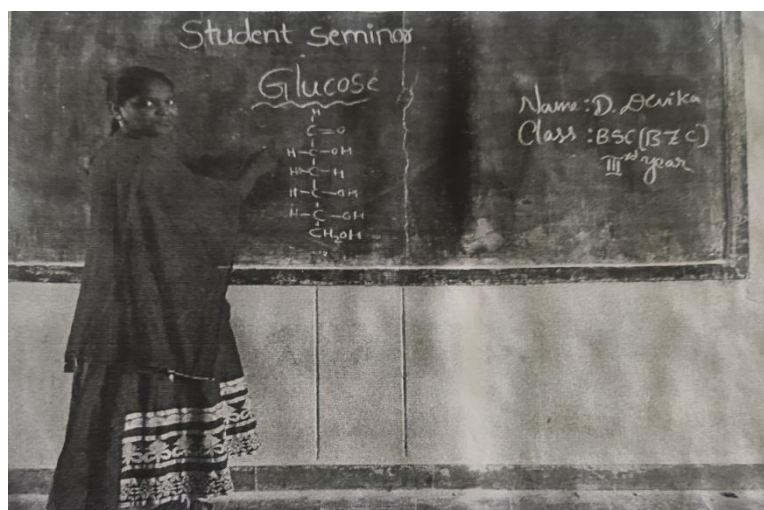
**DEPARTMENTAL ACTIVITIES REGISTER**

**2018-2019**

## Academic Year 2018-2019

### Student Seminars:

Sl.No	Name of the student	Class	Topic	Remarks
1	D.Devika	BZC –III	Carbohydrates	
2	M.Naveen kumar	BZC –III	Amino acids	
3.	B.Priyanka	BZC – II	HVZ Reaction	
4.	CH.Renuka	BZC –II	Pericyclic reactions	
5.	J.Haritha	MPC - II	Nitro Hydro carbons	
6.	A.Prasannalaxmi	BZC –I	Diagonal relationship	
7.	B.Bhavani	BZC –I	Solid state	



**Extension Lecture:**

1. R.Hanumandlu

Lecturer in Chemistry

GG College (A) Nizamabad

Date: 03-11-2018

Topic: Chemical Bonding



**2. Shaik Khajabee**

Assistant Professor of Chemistry

GDC Gajwel

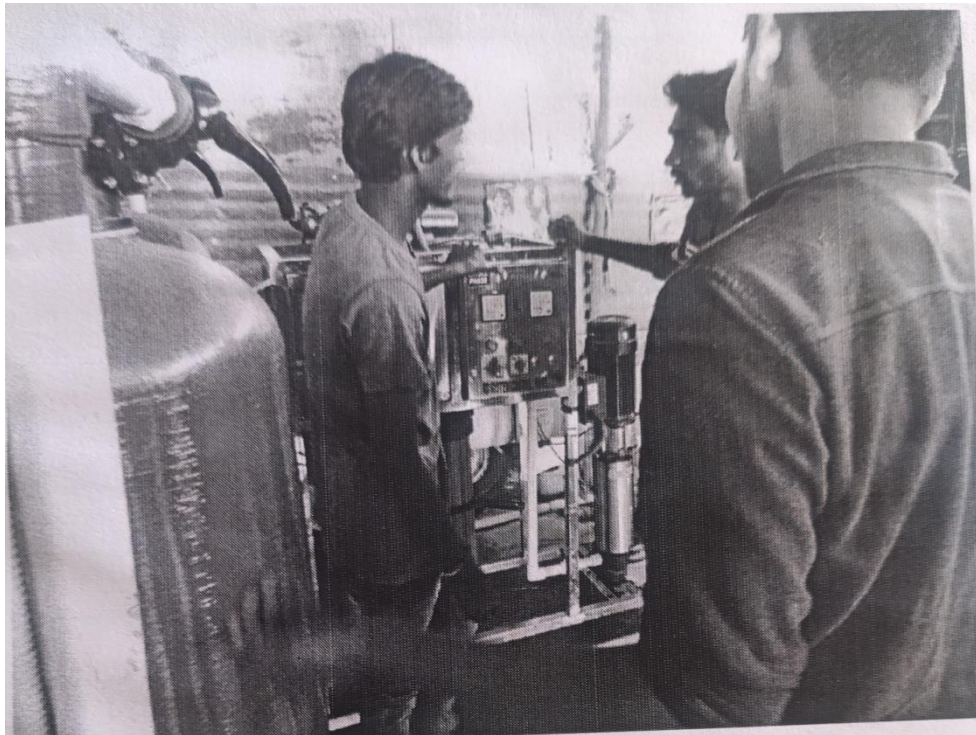
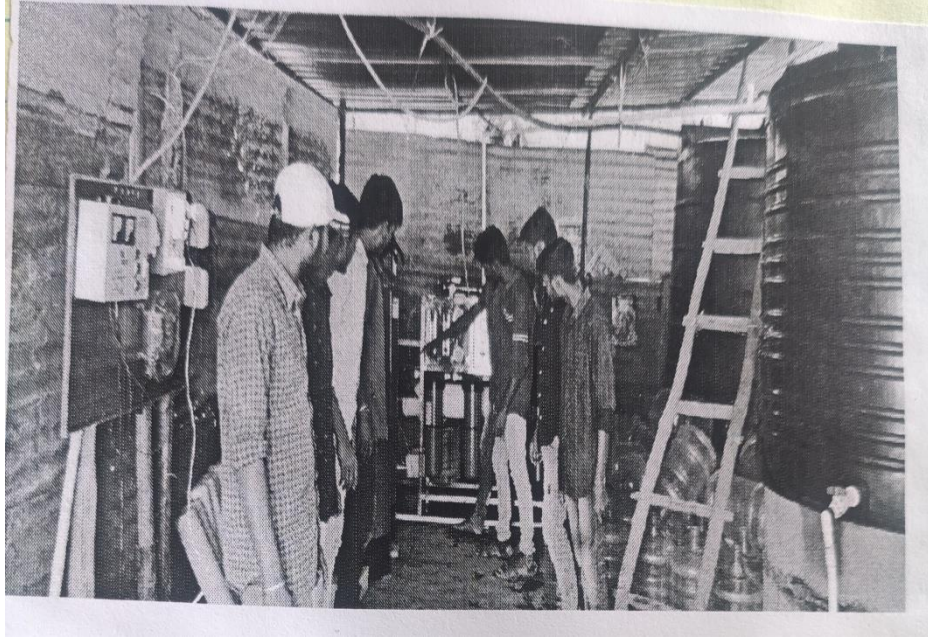
Date: 03-04-2019

Topic: Thermodynamics



**Field Visit:**

**Manikanta water treatment plant on 09-11-2018.**



**Group Discussions:**

Sl. No	Name of the student			Class	Topic	Date
	Team-I	Team-II	Team-II			
1	D.Shirisha	S.Javeri	J.Shekar	BSC-III	Plastic Pollution	11-12-2018
2	K.Sandyarani	A.Madhurima	M.Shekar			
3	K.Kavitha	B.Navaneetha	M.Sarvesh kumar			
4	N.Pushpa	CH.Manjula	P.Ravi			



**Student Study Projects:**

S.no.	Year	Title of the Project
1	2018-19	Preparation of paracetamol
2		The prevention of Food Adultration Act - 1954

**Assignments:**

A number of assignments are given in each class.

S.No.	Year	Assignment topic
1.	B.SC I Year Paper - I	1.Inductive effect, Mesomeric effect, hyper conjugation 2.Photoelectric effect & Compton effect 3.liquid crystals
2.	B.SC II Year Paper - III	1.Lanthanide contraction 2. Phase rule 3.determination of transport number by Hittorf method
3.	B.SC III Year Paper – V & VI	1.Amines 2.Hetero cyclic compounds 3.Chromatography 4.Spectrophotometry
4.	B.SC I Year Paper – II	1.Zero group elements 2.Arenes
5.	B.SC II Year Paper – IV	1.d-block elements 2.Named reactions
6.	B.SC III Year Paper – VII & VIII	1.Carbohydrates 2.Photochemistry 3.Drugs 4.Molecular messengers

**Remedial Classes:**

Paper	No. of students attended	No. of students passed	% of pass
I sem	11	9	81.81
II sem	12	10	83.33
III sem	12	8	66.6
IV sem	14	13	92.85
V sem P5	02	02	100
VI sem P7	6	5	83.33

**PG CET Coaching:**

S.No.	Name of the student	Remarks
1.	D.Devika	
2.	R.Navatha	Rank 3695
3.	N.Pushpa	Rank 2131
4.	K.Shekar	
5.	U.Naveenkumar	
6.	J.Shekar	Rank 2041
7.	T.Bhanuprasad	
8.	M.Rajyalaxmi	
9.	P.Ravali	
10.	P.Lavanya	
11.	K.Sandhyarani	Rank 2511

**Impact:**

On 17<sup>th</sup> and 18<sup>th</sup> Feb – 2019 B.Sc. Final year students are attended IMPACT programme at kamareddy.



## Quiz

Sl. No	Name of the student			Topic	Date	Remarks
	Team-A	Team-B	Team-C			
1	A. Bhagya swaralaxmi	G. Sushmitha	K. Rekha	General chemistry	19-04-2019	Winner team-A
2	A. Prasanna laxmi	K. Soujanya	R. Manasa			
3	B. Pooja	R. Madavi	R. Krishna Priya			
4	K. Yashoda	S. Mubeen	Sumeera Fathima			





**Power Point Presentation:**

Amino Acids on 19-04-2019



**Result Analysis:****(I,III & V SEMESTER)**

ACADEMIC YEAR	PAPER	TOTAL APPEARED	No. of STUDENTS PASSED	PASS PERCENTAGE
2018-19	I	75	58	77
	III	48	39	81
	V	35	33	94
	VI	35	35	100

**(II,IV & VI SEMESTER)**

ACADEMIC YEAR	PAPER	TOTAL APPEARED	No. of STUDENTS PASSED	PASS PERCENTAGE
2018-19	II	73	48	65.75
	IV	47	35	74.46
	VII	34	28	82.35
	VIII	34	34	100