

Government of Telangana, Collegiate Education,

M.A.L.D. GOVT. DEGREE COLLEGE,

GADWAL – 509125,

Jogulamba Gadwal Dist., Telangana State

NAAC Re-accredited with “B” Grade,

Affiliated to Palamuru University

DEPARTMENT OF CHEMISTRY



DEPARTMENTAL PROFILE

B . HARIBABU, M.Sc., SET (Ph.D...)

IQAC - Coordinator

Sri.V.Manoj Kumar,

M.Sc , B.Ed, SET.,

Asst. Professor of Chemistry

Principal

Dr.D. Sreepathi Naidu,

M.A, B.Ed, Ph.D.,

Phone: +91-8546-272240,8008259315

E-mail: maldgadwal.iqac@gmail.com

Website:<https://gdcts.cgg.gov.in/gadwal.edu>

M.A.L.D GOVT.DEGREE COLLEGE, GADWAL



JOGULAMBA GADWAL (DIST.)



Affiliated to Palamuru University

Re-accredited By NAAC with-"B" Grade

DEPARTMENT OF CHEMISTRY

For better or for worse, everything is chemistry



OUR MOTTO

**ENTER TO LEARN
LEAVE TO SERVE**

**Life is chemistry;
dilute your sorrow
evaporate your worries
filter your mistake boil
your ego "You will get
the crystal of
happiness"**

Head of the Department

B . HARIBABU, M.Sc., SET (Ph.D...)

Asst. Professor of Chemistry

INDEX

Sl.No	Content	Page. No
1	Brief History of Department	
2	Highlights of the Department	
3	Vision and Mission of the Department	
	Name of the Courses offered and syllabus	
4	Teaching faculty members & Staff curriculum Vitae	
5	Workload statement	
6	Overall time table & individual Time table	
7	Students Profile Program wise/ course wise (UG)	
8	Student profile Category wise	
9	Results analysis Year wise	
10	Teaching Learning & Evaluation	
11	Student seminars, Quiz & Group Discussions	
12	Remedial Coaching	
13	Extension Lectures	
14	ICT Enabled teaching	
15	Student Study project and Jignasa	
16	Departmental Field Trips/Educational tours	
17	Certificate courses	
18	M.Sc (Chemistry) Entrance Coaching	
19	Student Support and Progression	
20	Curricular and Extra Curricular activities	
21	Innovative and Best Practices & Governance Leadership And Management	
22	Future Vision of the Department	
23	Departmental Staff Photo With Principal	

Brief History of Department

The M.A.L.D. Govt. Degree College was started in 1960-61 in the same year i.e. 1960-61 the Department of Chemistry was also established Late C.R.K.V. Suryanarayana was the head of the Department of Chemistry. He was assisted by a demonstrator named Ch. Narsimha Charyulu & a lab attendar named Late Sri. H. Krishna Reddy. The Strength of the students was only 24. The Department has having two laboratory, one store room, and Departmental library & staff room.

The department of chemistry was started the courses offered PUC with M.P.C. & Bi.P.C. in 1960-61. In the year of 1961-62 B.Sc, (M.P.C. & B.Z.C) with English Medium.

In the course of time three more Lecturers & are appointed to meet the needs the department. The govt. of AP introduced telugu as medium of instruction in the year 1970 with two years intermediate course, during the academic year 1998-1999 a restructure (of self finance) in B.Sc., (B.C.CA) with a Sanctioned strength of 30 students further during academic year 2005-2006 a self finance course in B.Sc., (M.Z.C & Bt.B.C.) with English Medium.

Initial status of the Department in 1960

Head of the Department	-	01
Demonstrator	-	01
Lab Attender	-	01
Balance Room	-	01
Staff Room	-	01
Store Room	-	01

Present Status -2021-2022

In charge of dept.	-	01
Lectures	-	03
Lab Attender	-	01
Lab Assistant	-	01
Laboratories	-	02
Store room	-	01
Staff room	-	01

Departmental library -01(No. Books available.160)

The department has a staff room with computer and internet facility.

Vision & Mission of the Department

VISSION:-

To prepare and mould the students to incorporate scientific approach in studying in particular and applying chemistry in general in order to protect themselves has the potential visionary figures in science as the pioneering champions in the world of modern science and technology.

MISSION:-

- Planned and implementing of providing high and advanced in the recent times in chemistry by the eminent professors to the students.
- Sufficient exposure in being provided to the student about the carrier prospects by studying chemistry.
- Better practical exposure in being giving to the students in the well-equipped of chemistry correlating the chapters prescribed in syllabus.
- Academic seminars in relative to the subject of chemistry by the neighboring college lecturers are being extended to the students apart from our integrated and intensive teaching.
- Regular assessment is being done by the students by way of conducting internal emanation in the specified and scheduled dates.
- Close study of each and every student performance in being implemented in order to find out the brilliant students and motivated them for the advance studies.
- Encourage and motivate the student to develop the enormous flair to study chemistry and imbibe it has carrier to be siding subject by way of involving and immersing them in project and field trips.

Highlights of the Department

- The department has got well equipped and spacious labs
- The department has got a very good library consisting of famous books the renowned scientists.
- The department has water analysis equipment for testing the purity of water.
- The department has hosted an independent website online to the students.
- Teaching learning processes are enriched with ICT.
- Conducting co-curricular activities such as seminars and quizzes.
- Power backup with generator for conducting practicals uninterruptedly.
- Well equipped labs could facilitate for carrying out project works.
- Fire extinguisher is installed to ensure the safety measures.

IMPORTANCE OF CHEMISTRY

Chemistry is the study of the composition, structure, properties and changes that matter undergoes. Matter is anything that has mass and occupies space/volume. We find chemistry in daily life. The food we eat, the air we breathe, every object we can see or touch, our emotions, literally we find chemistry. Many of the changes that occur in the world around us are caused by chemical reactions. Chemistry is a big part of everyday life. Chemistry is sometimes called “the central science” because it bridges other natural science like physics, geology and biology with each other.

Chemistry is an incredibly fascinating field of study. Because it is so fundamental to our world, chemistry plays a role in everyone’s lives and touches almost every aspect of our existence in some way. Chemistry is essential for meeting our basic needs of food, clothing, shelter, health, energy, clean air, water and soil. Chemical technologies enrich our quality of life in numerous ways by providing new solutions to problems in health, materials and energy usage. Knowledge of the nature of chemicals and chemical processes therefore provides insights into a variety of physical and biological phenomena. Knowing something about chemistry is worthwhile because it provides an excellent basis for understanding the physical universe we live in.

Name of the Courses offered and syllabus

SL.NO	CLASS	GROUPS
1	I B.Sc	MPC-EM
		MPC-TM
		BZC-EM
		BZC-TM
		MZC -EM
		BTBC-EM
2	II B.Sc	MPC-EM
		MPC-TM
		BZC-EM
		BZC-TM
		MZC-EM
		BTBC-EM
		MBC-EM
		BTZC-EM
3	III B.Sc	MPC-EM
		MPC-TM
		BZC-EM
		BZC-TM
		MZC-EM
		BTBC-EM

I Year	Semester - I	Paper - I	Inorganic Chemistry, Organic Chemistry ,Physics Chemistry, General Chemistry
	Semester - II	Paper - II	Inorganic Chemistry, Organic Chemistry ,Physics Chemistry, General Chemistry
II Year	Semester- III	Paper - III	Inorganic Chemistry, Organic Chemistry ,Physics Chemistry, General Chemistry
	Semester- IV	Paper - IV	Inorganic Chemistry, Organic Chemistry ,Physics Chemistry, General Chemistry
III Year	Semester- V	Paper - V	Inorganic Chemistry, Organic Chemistry ,Physics Chemistry, General Chemistry
		Paper -VI Elective	Instrumental Methods of Analysis
	Semester- VI	Paper - VII	Inorganic Chemistry, Organic Chemistry ,Physics Chemistry, General Chemistry
		Paper - VIII Elective	Medicinal Chemistry or Project

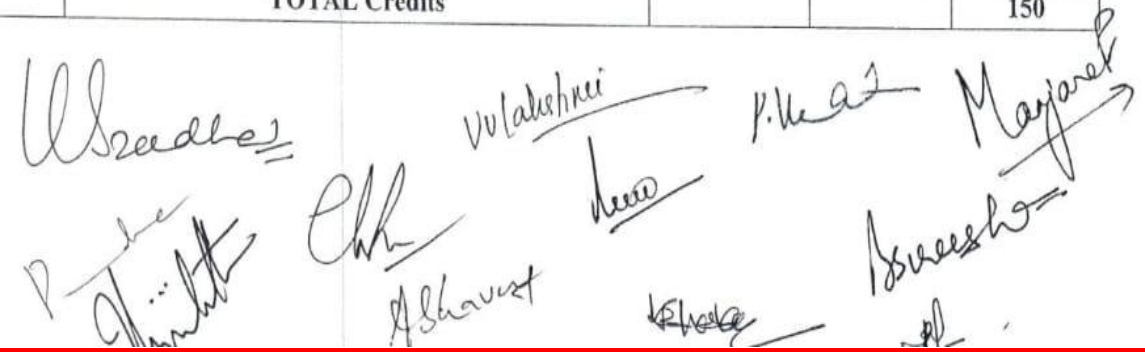
**Telangana State Council of Higher Education, Govt. of Telangana B.Sc., CBCS Common
Core Syllabi for all Universities in Telangana
PROPOSED SCHEME FOR CHOICE BASED CREDIT SYSTEM IN
B.Sc., Chemistry from 2019-2020**

FIRST YEAR- SEMESTER I				
CODE	COURSE TITLE	COURSE TYPE	HPW	CREDITS
BS 101	Ability Enhancement Compulsory Course AECC-1	ES	2	2
BS 102	English	CC-1A	4	4
BS 103	Second language	CC-2A	4	4
BS 104	Optional I	DSC-1A	4T+3P=7	4+1=5
BS 105	Optional II	DSC-2A	4T+3P=7	4+1=5
BS 106	Optional III- Chemistry - I	DSC-3A	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course – I (Qualitative Analysis - Semi Micro Analysis of Mixtures)			
Total Credits			31	25
FIRST YEAR- SEMESTER II				
BS 201	Ability Enhancement Compulsory Course AECC-2	BCS	2	2
BS 202	English	CC-1B	4	4
BS 203	Second language	CC-2B	4	4
BS 204	Optional I	DSC-1B	4T+3P=7	4+1=5
BS 205	Optional II	DSC-2B	4T+3P=7	4+1=5
BS 206	Optional III- Chemistry - II	DSC-3B	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course - II (Quantitative Analysis – Titrations)			
Total Credits			31	25
SECOND YEAR- SEMESTER III				
BS 301	i) Safety Rules in Chemistry Laboratory and Lab Reagents ii) Remedial methods for pollution, drinking water and Soil fertility	SEC-1 SEC-2	2 2	2 2
BS 302	English	CC-1C	3	3
BS 303	Second language	CC-2C	3	3
BS 304	Optional I	DSC-1C	4T+3P=7	4+1=5
BS 305	Optional II	DSC-2C	4T+3P=7	4+1=5
BS 306	Optional III- Chemistry - III	DSC-3C	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course - III (Synthesis of Organic compounds)			
Total Credits			31	25
SECOND YEAR- SEMESTER IV				
BS 401	i) Materials and their Applications ii) Chemistry of Cosmetics and Food Processing	SEC-3 SEC-4	2 2	2 2
BS 402	English	CC-1D	3	3
BS 403	Second language	CC-2D	3	3
BS 404	Optional I	DSC-1D	4T+3P=7	4+1=5
BS 405	Optional II	DSC-2D	4T+3P=7	4+1=5
BS 406	Optional III- Chemistry - IV	DSC-3D	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course - IV (Qualitative Analysis of Organic Compounds)			
Total Credits			31	25

* AECC: Ability Enhancement Compulsory Course, SEC: Skill Enhancement Course, DSC: Discipline Specific Course, GE: Generic Elective, ES: Environmental Science, BCS : Basic computer skills.

B.Sc., Chemistry, III Year, CBCS Syllabus
 Telangana State Council of Higher Education, Govt. of Telangana B.Sc, CBCS Common
 Core Syllabi for all Universities in Telangana
PROPOSED SCHEME FOR CHOICE BASED CREDIT SYSTEM IN
 B.Sc., Chemistry (for the batch admitted in 2019-2020)

THIRD YEAR- SEMESTER V				
CODE	COURSE TITLE	COURSE TYPE	HPW	CREDITS
BS 501	Chemistry of Cosmetics, Food Processing, Drugs and Pharmaceuticals	GE	4	4
BS 502	English	CC-1E	3	3
BS 503	Second language	CC-2E	3	3
BS 504	Optional- I A/B	DSE -1E	-----	4+1=5
BS 505	Optional- II A/B	DSE -2E	-----	4+1=5
BS 506	Optional- III A/B A. Spectroscopy and Chromatography (or) B. Metallurgy, Dyes and Catalysis	DSE -3E	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course -V Experiments in Physical Chemistry-I			
TOTAL				25
THIRD YEAR- SEMESTER VI				
BS 601	Project in Chemistry/ Advanced Chemistry			4
BS 602	English	CC-1F	3	3
BS 603	Second language	CC-2F	3	3
BS 604	Optional- I A/B	DSE-1F	-----	4+1=5
BS 605	Optional- II A/B	DSE -2F	-----	4+1=5
BS 606	Optional- III A/B A. Medicinal Chemistry (or) B. Agricultural and Fuel Chemistry	DSE -3F	4T } 3P } = 7	4 } 1 } = 5
	Laboratory Course -VI Experiments in Physical Chemistry-II			
TOTAL				25
TOTAL Credits				150



Teaching faculty members & Staff curriculum Vitae

PERSONAL PROFILE OF FACULTY



Name : **Sri. B.HARI BABU,**
Designation : **Asst.Prof. Of Chemistry**
Qualifications : **M.Sc. SET (Ph.D.,)**
Address : **MALD Govt.Degree College, Gadwa**
Contact No : **8008259315**

- Dist.Level one day workshop on **CHOICE BASED CREDIT SYSTEM (CBCS)** at UG level organized on 30-08-2016 NTR Govt.Degree College for women, Mahabubnagar.
- Participating as a Master trainer in **GENDER SENSITIZATION** Course towards a world of equals Four day residential training programme held from 30-11-2016 to 3-12-2016 organized by Commissioner of collegiate education, Govt. of Telangana
- Attended one day workshop on **GENDER SENSITIZATION** on 14-03-2017 organized by Palamuru University, Mahabubnagar.
- 3 day induction training programme on **NIPUNA-2017** (Nurturing young leaders in high education) which is held from 6-10-2017 to 8-10-2017 organized by Commissioner of collegiate education, Govt. of Telangana.
- State level **TWO** day workshop on **UG CBCS Curriculum in CHEMISTRY** on 27-07-2017 to 28-07-2017 organized by MVS Govt. Arts & Science College (A), Mahabubnagar.
- Three day residential training cum workshop at Dr. MCR HRDC, Hyderabad from 01-06-2017 to 03-06-2017 on **D-SAMPADA** (Innovative online teaching Learning and effective content management), organized by Commissionerate of collegiate education, Govt.of Telangana.
- Went as judge at Dist.Level Science, Maths & Environment Exhibition conducted by Montessori High School, Alampur on 15th, 16th November, 2018.
- Participated in 5-day Faculty Development Programme on **RURAL IMMERSION & COMMUNITY ENGAGEMENT** held from 27-08-2019 to 31-08-2019 organized jointly by Mahatma Gandhi National Council of Rural Education, Hyderabad and NSS-CELL Palamuru University, Mahabubnagar, Telangana.
- Attended **ONE DAY NATIONAL SEMINAR** On **“Recent Advances in Chemical Science”** Sponsored by **RUSA & TSCHE** on 11th January -2020, Organized by Department of Chemistry, Govt.Degree College (Co-Ed), Wanaparthy.

RESEARCH PARERS

1. Bio-Synthesis of Silver (Ag)Nano Particles from Alternanthera Sessilis (Linn) by Using Leaf Extract, Phytochemical estimation and activities of Antibacterial, Antifungal and anticancer study. (Under Review)
2. Bio-Synthesis of Copper(Cu) Nano Particles from Alternanthera Sessilis (Linn) by Using Leaf Extract, Phytochemical estimation and activities of Antibacterial, Antifungal and anticancer Study. (Under Review)

RC AND OC PROGRAMMES

1. Completed Refresher course (RC) on Material Science from 13-11-2019 to 26-11-2019 from Osmania University, Hederabad
2. Completed Faculty Induction Programme (OC) from 31-08-2020 to 29-09-2020 from Osmania University, through online mode.

ADDITIONAL INCHARGES

A. HOD of Department Of CHEMISTRY

1. In charge of Physical Director
2. NSS Unit-II (Boys)Programme Officer
3. TSKC Coordinator
4. Alumni Coordinator
5. NAAC Criteria-II Convener
6. Various Departmental Committee Members.

PERSONAL PROFILE OF FACULTY



Name : **Sri. K BHASKAR**
Designation : **Lecturer in Chemistry**
Qualifications : **M. SC(chemistry),B.Ed ,SET**
Address : **MALD Govt.Degree College, Gadwal**
Contact No : **7702790172**
Additional Responsibilities :

1.Member at various committies

SEMINARS OR WORKSHOPS ATTENDED

- Participated in the Two day state level workshop on **Farmer's Suicides :Causes, Consequences & Preventive Measures** held at MALD Govt. Arts & Science college from 08-02-2017 to 09-02-2017
- Attended one day National seminar on **ADVANCED RESEARCH METHODS IN CHEMICAL SCIENCES** held on 31st March ,2017 organized by MVS Govt.Arts & Science College(A),Mahabubnagar.

PERSONAL PROFILE OF FACULTY

Name : **Sri J.VENKATESHAM**
Designation : **Lecturer in Chemistry**
Qualifications : **M. SC(chemistry) ,SET**
Address : **MALD Govt.Degree College, Gadwal**
Contact No : **7013024515**
Service Particulars : **12-10-2009 at UG level**
Teaching Experience : **13**



Additional Responsibilities :

1. In charge of Grievance & Redressal Cell
2. In charge of ICT
 - Participated in the Two day state level workshop on **Farmer's Suicides :Causes, Consequences & Preventive Measures** held at MALD Govt. Arts & Science college from 08-02-2017 to 09-02-2017

PERSONAL PROFILE OF FACULTY

Name : **Smt. K.VINODA**
Designation : **Lecturer in Chemistry**
Qualifications : **M. SC (chemistry), B.Ed, SET**
Address : **MALD Govt.Degree College, Gadwal**
Contact No : **7674949484**
Service Particulars : **25-09-2014 at UG level**
Additional Responsibilities :



SEMINARS OR WORKSHOPS ATTENDED

- Participated in the Two day state level workshop on **Farmer's Suicides :Causes, Consequences & Preventive Measures** held at MALD Govt. Arts & Science college from 08-02-2017 to 09-02-2017

TEACHING STAFF

Sl. No	Name Of the Lecturer	Designation	Qualification	Specialization	Teaching experience
1	B.HariBabu	Asst.Professor	M.Sc,SET (Ph.D.,)	Physical Chemistry	10
2	J.Venkatesham	Lecturer	M.Sc, SET	Organic Chemistry	13
3	K. Bhaskar	Lecturer	M.Sc,B.Ed., SET	Organic Chemistry	09
4	K.Vinoda	Lecturer	M.Sc,B.Ed., SET	Organic Chemistry	08

NON TEACHING STAFF

1	Syed Sirajuddin	Lab Assistant	Degree
2	B. Jyothi	Lab Attendar	Intermediate

WORK LOAD PARTICULARS

As per the norms stipulated by Chemistry Department of Palamuru University, the Workload particulars of department are shown below:

WORK LOAD PARTICULARS-2020-21 DEPARTMENT OF CHEMISTRY

S.NO.	CLASS	GROUP	TOTAL STRENGTH	NO OF SECTION	TOTAL WORK LOAD IN HOURS
1	I B.SC	MPC-EM	219	4	28
		BZC-EM			
		BZC-TM			
		MZC			
		BTBC			
2	II B.SC	MPC-EM	206	4	28
		BZC-EM			
		BZC-TM			
		MZC			
		BTBC			
3	III B.SC	MPC-EM	202	3	33
		MPC-TM			
		BZC-EM			
		BZC-TM			
		MZC			
		BTBC			
		MBC			
BTZC					
	TOTAL		624	11	89

ACTION PLAN

ACTION PLAN FOR ACADEMIC YEAR 2019-20

I.III.V SEMISTERS 2019-20		
S.NO	MONTH	ACTIVITIES
1	JUNE	Preparation of Academic Calendar Admission Work
		Admission Work
		Analysis of results
2	JULY	Commencement of Classes for I,III,V Sem Students
		Preparation of Time-Table
		1 st - seminars for I,III,V Sem Students(4 th Friday)
		1 st Assignments for I,III,V Sem Students(JULY 16 th)
3	AUGUST	2 nd - Seminars for I,III,V Sem Students(4 th Friday)
		2 th Assignments for I,III,V Sems Students(AUGUST 31 ^{ts})
		Extension lecturer
		Student Study Project
4	SEPTEMBER	Group discussions
		Certificate Course
		Remedial Classes
		Internal Assessment Test-1
5	OCTOBER	Field trips
		Internal Assessment Test-2
		Preparation & Conduct of Practical Examination
		I,III,V EXAMS November
II.IV.VI SEMISTERS 2019-20		
1	DECEMBER	Commencement of Classes for II,IV,VI Sems Students
		1 st Assignments for II,IV,VI Sems Students(DEC 30 th)
2	JANUARY-20	Group discussions
		Certificate Course

		1 st - seminars for II,IV,VI Sems Students(4 th Friday)
3	FEBRUARY-20	Internal Assessment Test-1
		Student Study Project
		Extension lecturer
4	MARCH-20	2 th Assignments for II,IV,VI Sems Students(MARCH 31 st)
		2 nd - Seminars for II,IV,VI Sems Students(4 th Friday)
		Field trips
		Remedial Classes
5	APRIL-20	Internal Assessment Test-2
		Preparation & Conduct of Practical Examination
		Commencement of Examinations

Curricular Aspects 2021-2022

Course	Paper	Topics	Theory	Internal	Practical
B.Sc Physical Science & Life Science	I(Sem)	Organic, In Organic, Physical and General Chemistry	80	20	50
	II (Sem)	Organic, In Organic, Physical and General Chemistry	80	20	50
	III (Sem)	Organic, In Organic, Physical and General Chemistry	80	20	50
	IV (Sem)	Organic, In Organic, Physical and General Chemistry	80	20	50
	V(Sem)	Spectroscopy & Chromatography	80	20	25
	VI (Sem)	Medicinal Chemistry	80	20	25

M.A.L.D.Govt. Arts & Science College, Gadwal, Jogulamba Gadwal Dist., Telangana State
Dept.of Chemistry Time Table for the academic year 2019-20

DAY	Yr.	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:30	1:30-2:20	2:20-3:10	3:10-4:00	4.00-4:30		
MON	I	Botany Lab (BZC-E)/CHE (MBC BTZC				8	AECC				
	II			Chemistry	G1		Co Curricular	7	SEC	G1,G2	
	III		Chemistry	9,G1		Chemistry Lab BZC				Lab	
TUE	I	Chemistry Lab(BZC-E)				Lab	Chemistry	7,8			
	II		Chemistry	7,8		Chemistry Lab (/BZC-E)				Lab	
	III				Chemistry	8			Chemistry	Lab	
WED	I	Chemistry Lab (MZC/BBC)				Lab	Chemistry	7,8			
	II		Chemistry	9	co.curr	9,G1					
	III				Chemistry	G2,G3	Chemistry Lab (MZC/BBC)				Lab
THU	I				Chemistry	7,8			AECC	SH	
	II						Chemistry Lab(BZC-T)				7,8
	III	Chemistry	G2,G3				Chemistry Lab (MZC/BTBC)				Lab
FRI	I		Chemistry	7,8		8	CHE(BZC-T)/Bio Tech				
	II						Chemistry Lab(MZC/BTBC)				Lab
	III	Chemistry Lab BZC			Lab						
SAT	I						Chemistry Lab(BZC)				8
	II		Co Curr	SH	Chemistry	G1	Chemistry Lab(BZC-T)				Lab
	III	Chemistry	7				Chemistry	G2,G3			

LUNCH

Name of the Faculty: B.HariBabu

DAY	Year	10.00-10.50	RN	10.50-11.40	RN	11.40-12.30	RN	12.30-1.30	1.30-2.20	RN	2.20-3.10	RN	3.10-4.00	RN	4.00-4.30		
MON	I							Launch Hour									
	II					Chem E/M	7										
	III									Chemistry Lab (BZC-TM)			Lab				
TUE	I	Chemistry Lab (BZC-EM)							Lab								
	II			Chem E/M	8												
	III									Chemistry Lab (BtBC-EM)			Lab				
WED	I	Chemistry Lab (MZC-EM)															
	II																
	III					Chem E/M	7										
THU	I					Chem E/M	8										
	II																
	III	Chem E/M	9														
FRI	I					Chem E/M	9							Chemistry Lab (BZC-TM)		Lab	
	II																
	III	Chemistry Lab (BZC-TM)							Lab								
SAT	I																
	II													Lab			
	III					Chem E/M	9										

7 Theories

6 Labs

Total Work Load 25 Hours / Week

Name of the Faculty: J Venkatesham

DAY	Year	10.00-10.50	R N	10.50-11.40	R N	11.40-12.30	RN	12.30-1.30	1.30-2.20	R N	2.20-3.10	R N	3.10-4.00	RN	4.00-4.30	
MON	I	Chemistry Lab (MPC-EM)					La b	Launch Hour								
	II								Chemistry Lab (MPC-EM)					La b		
	III			Chem T/M	7											
TUE	I															
	II															
	III					Chem T/M	9								La b	
WED	I															
	II			Chem T/M	9											
	III															
THU	I															
	II															
	III															
FRI	I															
	II															
	III															
SAT	I															
	II					Chem T/M	8							La b		
	III	Chem T/M	9													

7 Theories

5 Labs

Total Work Load 22 Hours / Week

Name of the Faculty: K.Bhaskar																	
DAY	Year	10.00-10.50	R N	10.50-11.40	R N	11.40-12.30	RN	12.30-1.30	1.30-2.20	R N	2.20-3.10	R N	3.10-4.00	RN	4.00-4.30		
MON	I	Chemistry Lab (MBC,BTZC-TM)						Launch Hour									
	II					Chem T/M	7										
	III									Chemistry Lab (BZC-TM)			La b				
TUE	I	Chemistry Lab (BZC-EM)															
	II			Chem T/M	8					Chemistry Lab (MZC-EM)			La b				
	III																
WED	I																
	II																
	III					Chem T/M	7										
THU	I					Chem T/M	8										
	II																
	III	Chem T/M	9														
FRI	I					Chem T/M	9			Chemistry Lab (BZC-TM)			La b				
	II																
	III																
SAT	I																
	II								Chemistry lab(BZC-TM)			La b					
	III					Chem T/M	9										

7 Theories

6 Labs Total Work Load 25 Hours / Week

Name of the Faculty: K Vinoda

DAY	Year	10.00-10.50	RN	10.50-11.40	RN	11.40-12.30	RN	12.30-1.30	1.30-2.20	RN	2.20-3.10	RN	3.10-4.00	RN	4.00-4.30		
MON	I							Launch Hour									
	II																
	III			Chem E/M	8												
TUE	I	Chemistry Lab (MPC-TM)					Lab			Chem E/M	9						
	II																
	III					Chem E/M	8										
WED	I	Chemistry Lab (BtBC-EM)					Lab			Chem E/M	7						
	II			Chem E/M	8												
	III									Chemistry Lab (MPC-TM)				Lab			
THU	I																
	II									Chemistry Lab (MPC-TM)				Lab			
	III																
FRI	I																
	II																
	III																
SAT	I								Chemistry lab(BZC-TM)				Lab				
	II					Chem E/M	9										
	III	Chem E/M	8														

7 Theories

5 Labs

Total Work Load 22 Hours / Week

Students Profile Program wise/ course wise (UG)

DETAILS OF STUDENT SOCIAL STATUS YEAR WISE

Abstract: 2015-2016

S.N O	GROUP	MEDIU M	SC	ST	BC-A	BC-B	BC-C	BC- D	BC-E	OC	TOTA L	PHC
1	B.SC (MPC)	TM	11	0	20	22	0	18	2	1	74	0
2	B.SC(BZC)	TM	24	2	22	13	0	13	2	2	78	0
3	B.SC(MZC)	EM	4	0	3	3	0	7	0	0	17	0
4	B.SC(BTBC)	EM	0	0	0	2	0	0	0	1	3	0
TOTAL			39	2	45	40	0	38	4	4	172	0

Abstract: 2016-17

S.NO	GROUP	MEDIUM	SC	ST	BC-A	BC-B	BC-C	BC- D	BC-E	OC	TOTAL	PHC
1	B.SC (MPC)	TM	10	0	12	15	0	10	5	4	56	0
2	B.SC (MPC)	EM	5	0	8	9	0	15	5	7	49	0
3	B.SC(BZC)	TM	14	1	15	14	0	10	4	0	58	0
4	B.SC(MZC)	EM	2	1	4	6	1	12	3	1	30	0
5	B.SC(BTBC)	EM	5	0	5	5	0	3	3	0	21	0
TOTAL			36	2	44	49	1	50	20	12	214	0

Abstract: 2017-18

S.NO	GROUP	MEDIUM	SC	ST	BC-A	BC-B	BC-C	BC- D	BC-E	OC	TOTAL	PHC
1	B.SC (MPC)	TM	12	0	10	19	0	8	2	0	41	0
2	B.SC (MPC)	EM	8	0	10	11	0	6	4	3	42	0
3	B.SC(BZC)	TM	17	1	12	8	0	13	3	4	58	0
4	B.SC(MZC)	EM	6	0	5	6	0	11	3	2	33	0
5	B.SC(BTBC)	EM	2	0	3	6	0	3	2	0	16	0
TOTAL			45	1	40	50	0	41	14	9	190	0

Abstract: 2018-19

S.NO	GROUP	MEDIUM	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	OC	TOTAL	PHC
1	B.SC (MPC)	TM	3	0	15	16	0	19	1	0	54	0
2	B.SC (MPC)	EM	7	0	9	11	0	9	2	3	41	0
3	B.SC(BZC)	TM	20	0	34	25	0	29	5	1	114	0
4	B.SC(BZC)	EM	10	1	6	8	0	15	10	1	51	0
5	B.SC(MZC)	EM	5	0	1	3	0	4	0	0	13	0
6	B.SC(BTBC)	EM	2	0	1	4	0	0	0	0	7	0
7	B.SC(MBC)	EM	2	0	0	0	0	0	0	0	2	0
8	B.SC(BTZC)	EM	1	0	0	2	0	1	0	0	4	0
TOTAL												

Abstract: 2019-20

S.NO	GROUP	MEDIUM	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	OC	TOTAL	PHC
1	B.SC (MPC)	TM	6	0	6	6	0	9	3	0	30	0
2	B.SC (MPC)	EM	3	0	1	5	0	7	3	0	19	0
3	B.SC(BZC)	TM	20	1	19	17	0	18	6	1	82	0
4	B.SC(BZC)	EM	11	1	5	18	0	8	5	8	56	0
5	B.SC(MZC)	EM	2	0	2	4	0	4	2	1	15	0
6	B.SC(BTBC)	EM	0	0	1	2	0	1	0	0	4	0
7	B.SC(MBC)	EM	0	0	1	1	0	0	0	0	2	0
8	B.SC(BTZC)	EM	0	0	0	1	0	0	0	0	1	0
TOTAL			42	2	35	54	0	47	19	10	209	0

Abstract: 2020-21

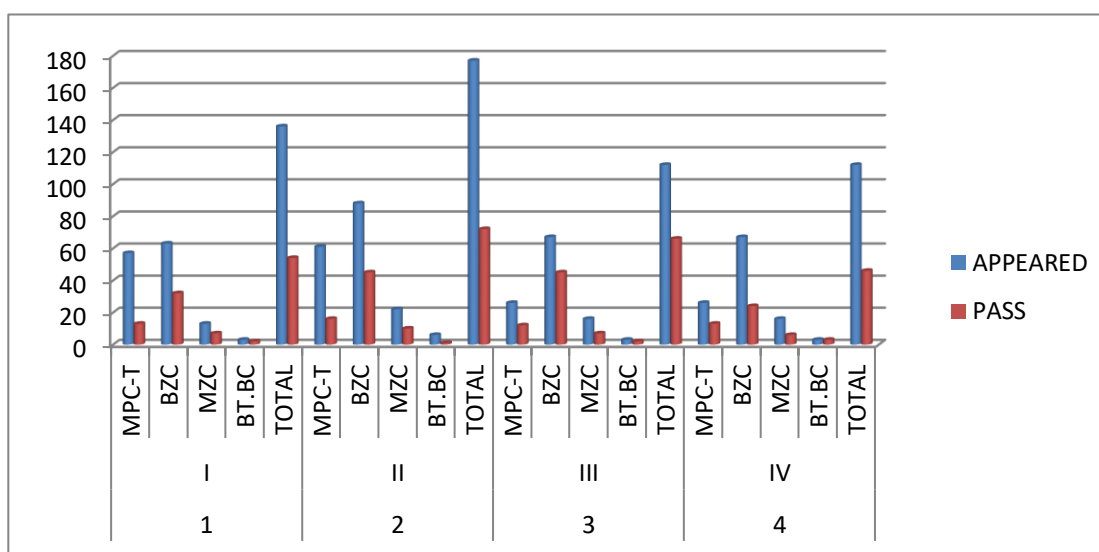
S.NO	GROUP	MEDIUM	SC	ST	BC-A	BC-B	BC-C	BC-D	BC-E	OC	TOTAL	PHC
1	B.SC (MPC)	EM	3	2	15	15	0	10	2	2	49	0
2	B.SC(BZC)	TM	24	1	25	13	0	26	5	2	96	0
3	B.SC(BZC)	EM	10	0	14	12	0	15	6	2	59	0
4	B.SC(MZC)	EM	3	0	2	3	0	7	2	0	17	0
5	B.SC(BTBC)	EM	1	2	0	0	0	1	4	0	8	0
6	B.SC(BTZC)	EM	0	0	0	0	0	1	0	0	1	0
TOTAL			41	5	56	43	0	60	19	6	230	0

Results analysis Year wise

Department of Chemistry

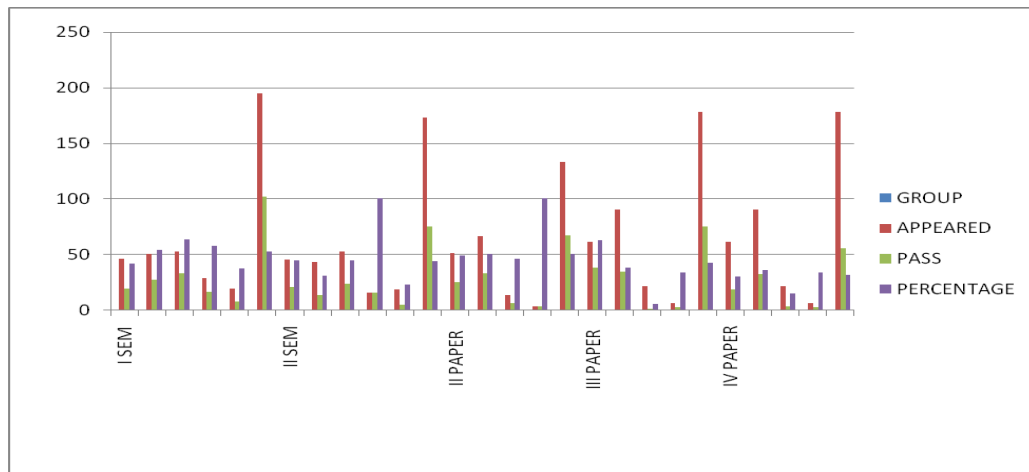
ACADEMIC YEAR 2015-16

SL.NO	Paper	GROUP	APPEARED	PASS	PERCENTAGE
1	I	MPC-T	57	13	22.8
		BZC	63	32	50.79
		MZC	13	7	53.84
		BT.BC	3	2	66.66
		TOTAL	136	54	39.7
2	II	MPC-T	61	16	26.22
		BZC	88	45	51.13
		MZC	22	10	45.45
		BT.BC	6	1	16.66
		TOTAL	177	72	40.67
3	III	MPC-T	26	12	46.15
		BZC	67	45	67.16
		MZC	16	7	43.73
		BT.BC	3	2	66.66
		TOTAL	112	66	58.92
4	IV	MPC-T	26	13	50
		BZC	67	24	35.82
		MZC	16	6	37.5
		BT.BC	3	3	100
		TOTAL	112	46	41.07
TOTAL			537	238	44.32



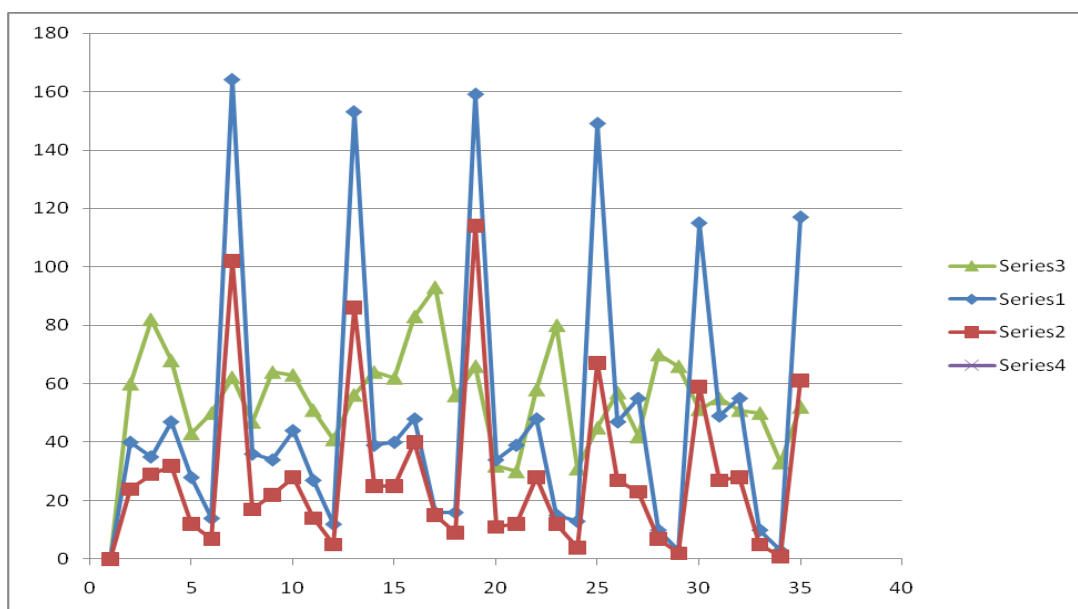
ACADEMIC YEAR: 2016-17

SL.NO		GROUP	APPEARED	PASS	PERCENTAGE
1	I SEM	MPC-E	46	19	41.3
		MPC-T	50	27	54
		BZC	52	33	63.46
		MZC	28	16	57.14
		BT.BC	19	7	36.84
		TOTAL	195	102	52.3
2	II SEM	MPC-E	45	20	44.44
		MPC-T	43	13	30.23
		BZC	52	23	44.23
		MZC	15	15	100
		BT.BC	18	4	22.22
		TOTAL	173	75	43.35
3	II PAPER	MPC-T	51	25	49
		BZC	66	33	50
		MZC	13	6	46
		BT.BC	3	3	100
		TOTAL	133	67	50
4	III PAPER	MPC-T	61	38	62.29
		BZC	90	34	37.77
		MZC	21	1	4.76
		BT.BC	6	2	33.33
		TOTAL	178	75	42.13
5	IV PAPER	MPC-T	61	18	29.5
		BZC	90	32	35.55
		MZC	21	3	14.28
		BT.BC	6	2	33.33
		TOTAL	178	55	30.89
TOTAL			857	374	43.64



ACADEMIC YEAR: 2017-18

SL.NO	SEMETER	GROUP	APPEARED	PASS	PERCENTAGE
1	I SEM	MPC-T	40	24	60
		MPC-E	35	29	82
		BZC	47	32	68
		MZC	28	12	43
		BT.BC	14	7	50
		TOTAL	164	102	62.19
2	II SEM	MPC-T	36	17	47
		MPC-E	34	22	64
		BZC	44	28	63
		MZC	27	14	51
		BT.BC	12	5	41
		TOTAL	153	86	56.21
3	III SEM	MPC-T	39	25	64
		MPC-E	40	25	62
		BZC	48	40	83
		MZC	16	15	93
		BT.BC	16	9	56
		TOTAL	159	114	66.04
4	IV SEM	MPC-T	34	11	32
		MPC-E	39	12	30
		BZC	48	28	58
		MZC	15	12	80
		BT.BC	13	4	31
		TOTAL	149	67	45
5	III PAPER	MPC-T	47	27	57
		BZC	55	23	42
		MZC	10	7	70
		BT.BC	3	2	66
		TOTAL	115	59	51.3
6	IV PAPER	MPC-T	49	27	55
		BZC	55	28	51
		MZC	10	5	50
		BT.BC	3	1	33
		TOTAL	117	61	52.13
TOTAL			859	491	57.16

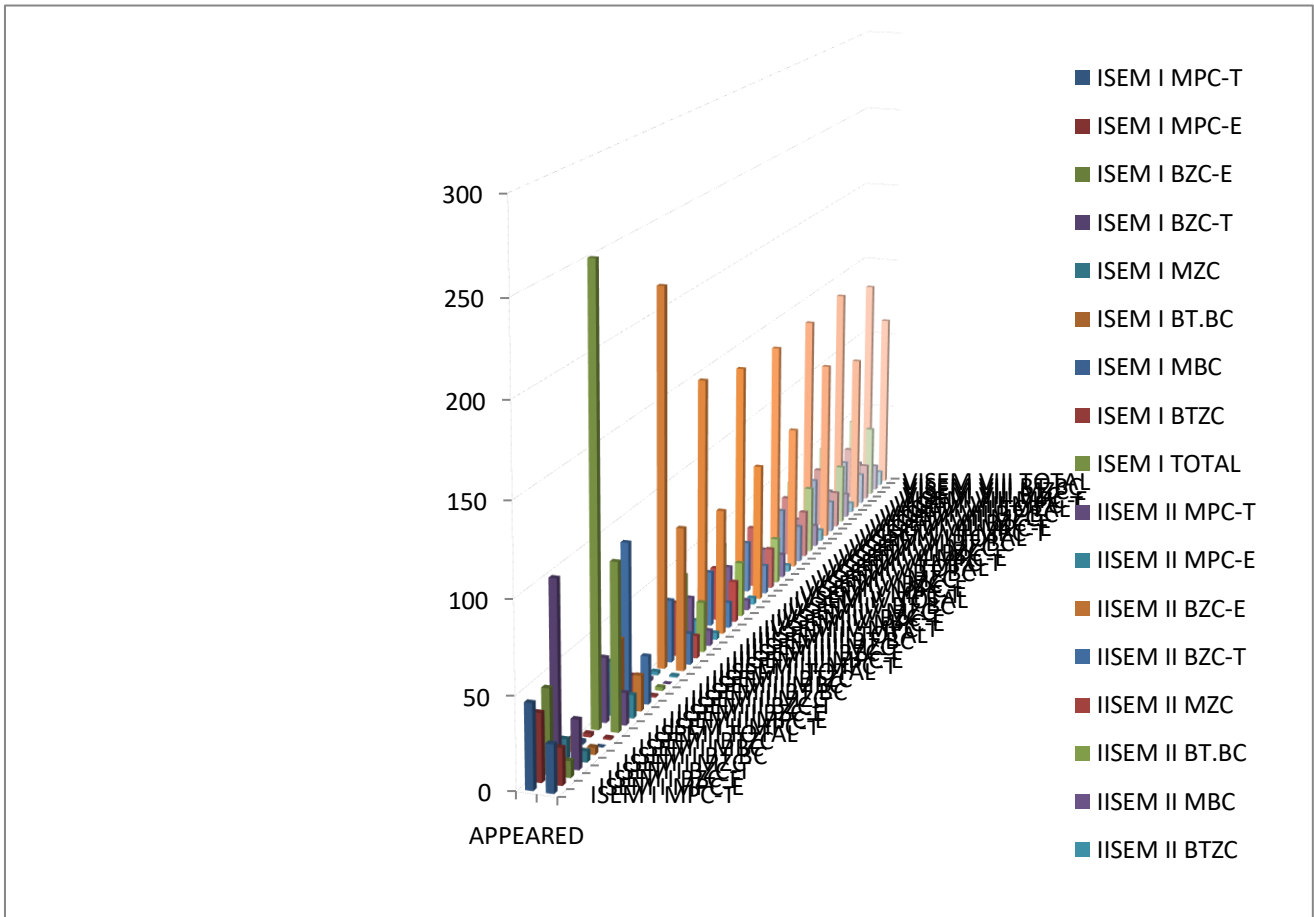


ACADEMIC YEAR: 2018-19

SL.NO	SEMESTER	PAPER	GROUP	APPEARED	PASS	PERCENTAGE
1	ISEM	I	MPC-T	46	26	56.52
			MPC-E	37	20	54.04
			BZC-E	46	9	19.57
			BZC-T	100	27	27
			MZC	11	6	54.54
			BT.BC	7	4	57.14
			MBC	2	0	0
			BTZC	2	1	50
			TOTAL	251	93	37.05
2	IISEM	II	MPC-T	36	18	50
			MPC-E	30	13	43.3
			BZC-E	39	20	51.2
			BZC-T	89	27	30.33
			MZC	11	1	10
			BT.BC	7	2	29
			MBC	2	0	0
			BTZC	2	1	50
			TOTAL	216	82	37.96
3	IIISEM	III	MPC-T	36	18	50

			MPC-E	31	13	42
			BZC-T	44	29	65.9
			MZC	27	9	33.33
			BT.BC	10	4	40
			TOTAL	148	73	49.32
4	IVSEM	IV	MPC-T	32	15	46.87
			MPC-E	31	24	77.41
			BZC-T	42	32	76.19
			MZC	25	6	24
			BT.BC	9	4	44.44
			TOTAL	139	81	58.28
5	VSEM	V	MPC-T	30	17	56.66
			MPC-E	36	24	66.66
			BZC	43	27	62.79
			MZC	16	14	87.5
			BT.BC	11	4	36.36
			TOTAL	136	86	63.23
		VI	MPC-T	31	22	70.96
			MPC-E	36	28	77.78
			BZC	43	40	93.02
			MZC	16	13	81.25
			BT.BC	11	7	63.63
			TOTAL	137	110	80.29
6	VISEM	VII	MPC-T	32	19	59.37
			MPC-E	36	22	61.11
			BZC-T	47	36	76.59
			MZC	16	15	93.75
			BT.BC	9	6	66.66
			TOTAL	140	98	70
		VIII	MPC-T	26	19	73.07
			MPC-E	32	22	68.75
			BZC	48	44	91.66
			MZC	17	16	94.11

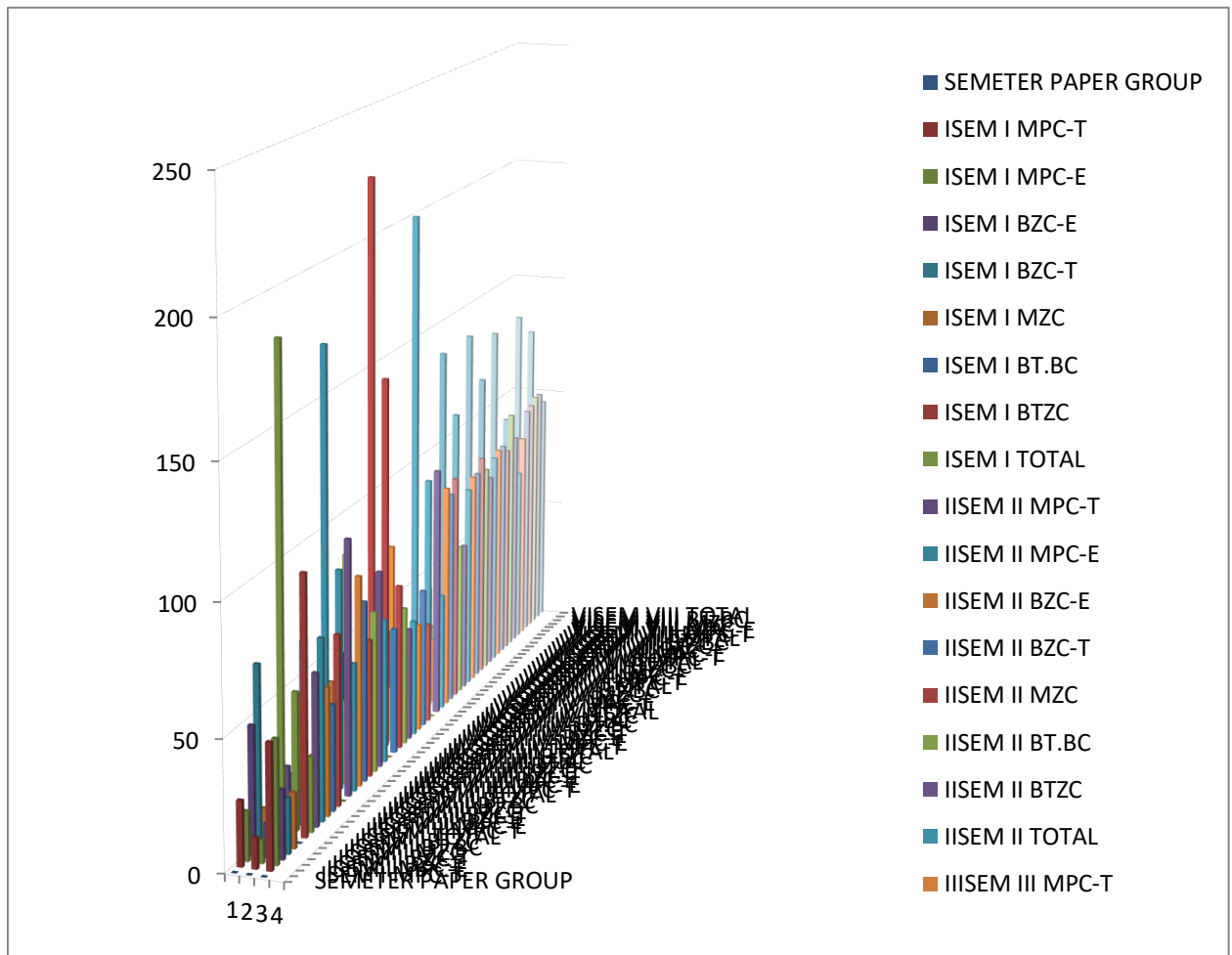
			BT.BC	9	9	100
			TOTAL	132	110	83.33
	TOTAL			1299	733	56.42



ACADEMIC YEAR: 2019-20

SL.NO	SEMETER	PAPER	GROUP	APPEARED	PASS	PERCENTAGE
1	ISEM	I	MPC-T	25	12	48
			MPC-E	19	9	47.36
			BZC-E	49	13	26.53
			BZC-T	70	15	21.42
			MZC	14	3	21.42
			BT.BC	5	0	0
			BTZC	1	1	100
			TOTAL	183	53	28.96
2	IISEM	II	MPC-T	22	13	59.09
			MPC-E	17	12	70.58
			BZC-E	46	23	50
			BZC-T	65	27	41.53
			MZC	15	10	66.66
			BT.BC	5	0	0
			BTZC	1	1	100
			TOTAL	171	86	50.29
3	IIISEM	III	MPC-T	40	33	82.5
			MPC-E	31	22	70.96
			BZC-E	48	26	54.16
			BZC-T	85	54	63.52
			MZC	9	7	77.77
			BT.BC	7	4	57.14
			MBC	2	0	0
			BTZC	2	1	50
TOTAL	224	147	65.62			
4	IVSEM	IV	MPC-T	40	22	55
			MPC-E	29	13	44.82
			BZC-E	41	19	46.34
			BZC-T	74	32	43.24
			MZC	9	5	55.55
			BT.BC	5	2	40
			MBC	1	0	0
			BTZC	1	1	100
TOTAL	200	94	47			
5	VSEM	V	MPC-T	29	26	90
			MPC-E	29	25	86
			BZC	44	40	91
			MZC	26	16	61
			BT.BC	10	6	60
			TOTAL	138	113	82
		VI	MPC-T	29	25	86
			MPC-E	29	25	86
			BZC	44	40	91
			MZC	26	22	85
BT.BC	10	8	80			

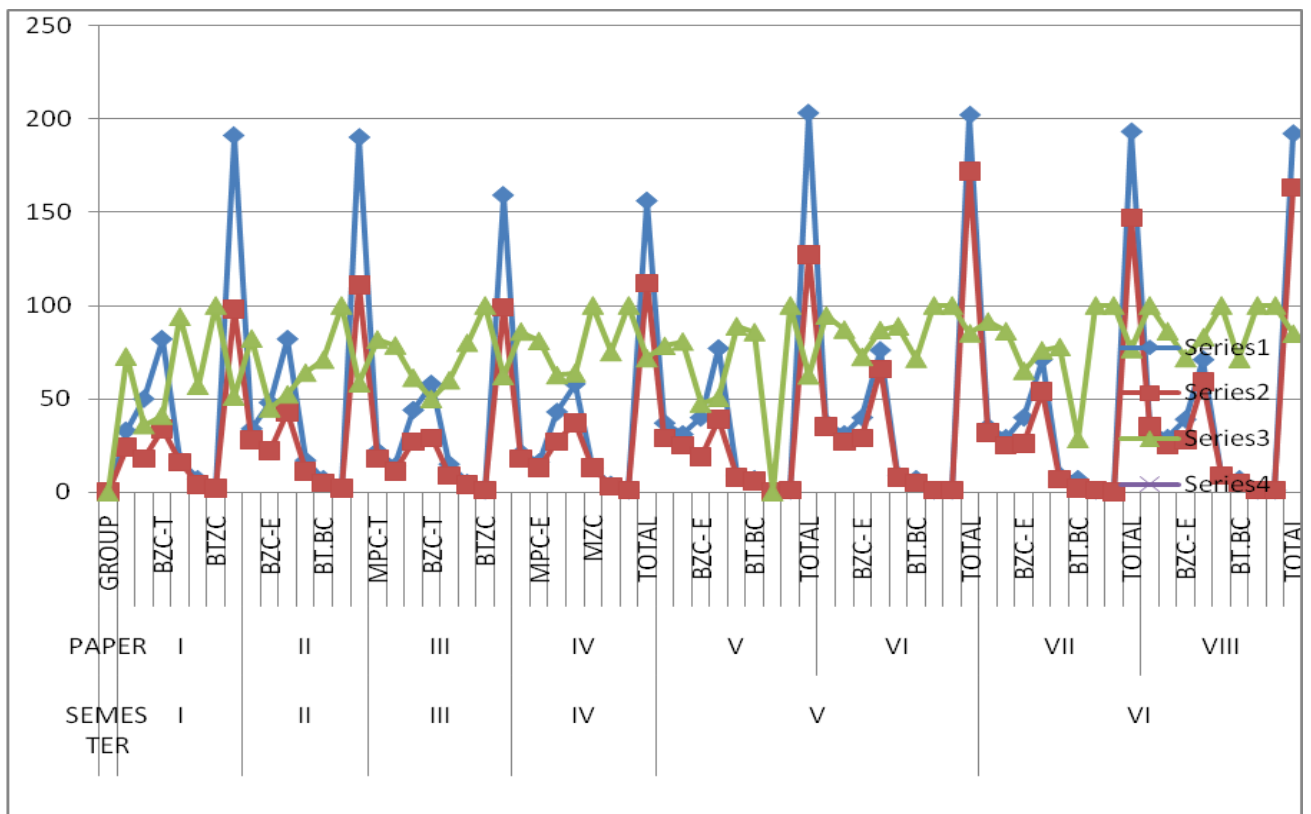
			TOTAL	138	120	87
6	VISEM	VII	MPC-T	27	24	88.88
			MPC-E	28	25	89.29
			BZC	43	37	86
			MZC	25	25	100
			BT.BC	9	8	88.88
			TOTAL	132	95	71.96
		VIII	MPC-T	28	24	85.71
			MPC-E	28	27	96.43
			BZC	42	41	97.61
			MZC	25	25	100
			BT.BC	9	9	100
			TOTAL	132	126	95.45



ACADEMIC YEAR: 2020-21

SL.NO	SEMESTER	PAPER	GROUP	APPEARED	PASS	PERCENTAGE
	I	I	MPC-E	33	24	72.7
			BZC-E	50	18	36
			BZC-T	82	34	41
			MZC	17	16	94
			BT.BC	7	4	57
			BTZC	2	2	100
			TOTAL	191	98	51.3
	II	II	MPC-E	34	28	82.3
			BZC-E	48	22	45
			BZC-T	82	43	52.4
			MZC	17	11	64
			BT.BC	7	5	71
			BTZC	2	2	100
			TOTAL	190	111	58.42
3	III	III	MPC-T	22	18	81.81
			MPC-E	14	11	78.57
			BZC-E	44	27	61.36
			BZC-T	58	29	50
			MZC	15	9	60
			BT.BC	5	4	80
			BTZC	1	1	100
TOTAL	159	99	62.26			
4	IV	IV	MPC-T	21	18	86
			MPC-E	16	13	81
			BZC-E	43	27	62.7
			BZC-T	58	37	63.79
			MZC	13	13	100
			BT.BC	4	3	75
			BTZC	1	1	100
TOTAL	156	112	71.79			
5	V	V	MPC-T	37	29	78.37
			MPC-E	31	25	80.64
			BZC-E	40	19	47.5
			BZC-T	77	39	50.67
			MZC	9	8	88.88
			BT.BC	7	6	85.7
			MBC	1	0	0
			BTZC	1	1	100
	TOTAL	203	127	62.56		
	VI	VI	MPC-T	37	35	94.59
			MPC-E	31	27	87.09
			BZC-E	40	29	72.5
			BZC-T	76	66	86.84
MZC			9	8	88.88	

			BT.BC	7	5	71.42
			MBC	1	1	100
			BTZC	1	1	100
			TOTAL	202	172	85.14
6	VI	VII	MPC-T	35	32	91.4
			MPC-E	29	25	86.2
			BZC-E	40	26	65
			BZC-T	71	54	76
			MZC	9	7	77.77
			BT.BC	7	2	28.5
			MBC	1	1	100
			BTZC	1	0	100
			TOTAL	193	147	76.65
		VIII	MPC-T	35	35	100
			MPC-E	29	25	86.2
			BZC-E	39	28	71.79
			BZC-T	71	59	83
			MZC	9	9	100
			BT.BC	7	5	71.4
			MBC	1	1	100
			BTZC	1	1	100
			TOTAL	192	163	84.89
	TOTAL		1486	1029	69.24	



TEACHING LEARNING EVALUATION

Teaching Methods:

- To teach Scientific way of thinking
- To actively involve students in their own learning
- To help students to develop a conceptual frame work as well as to develop problem solving skills
- To promote student discussion and group activities
- We have made teaching notes before taking classes
- Teaching dairies were maintained by all.
- The following registers were maintained by the department.
 1. Seminar, Quiz & Group Discussion register
 2. Remedial register
 3. Assignment Register
 4. Student Study Project Register
 5. ICT Register
 6. Marks Register etc
- We have conducted Quiz computations and group discussions
- Lecturer method, Discussion Method, Demonstration Method

➤ **Details of Student Enrichment Programmes (Special: Lectures/workshops/seminars) with external experts:**

Extension Lectures: Sri. G. Krishna Prasad, Senior Lecturer in Chemistry, Kurnool
Sri. Md. Kareem, Asst. Prof. in Chemistry, M.V.S. GDC MBNR
Sri. P.Mounika, Lecturer in Chemistry, GDC (W), Gadwal
Dr. K. Jagadeeshwaraiah, Lecture in Chemistry, GDC (W),

Wanaparthy

➤ **Course Materials:**

The Department of Chemistry was Provided Study Material to the Students along with previous

Question paper in the beginning of the academic year.

➤ Evaluation:

- Evaluation of the students is conducted by assignment and seminar of 05 marks, internal exams of 15 marks and 80 marks of theory semester exams.
- Slip Tests and other tests are conducted to boost the preparation of the students.
- Previous question papers and question bank is provided to the students

ICT integration (ppt / lms/ OHP) details:

OHPs & PPTs: In Organic Benzene, Di-Borane, Silanes. Alcohols, phenols, Kinetics, Coordination Compounds, Material science etc...

JOB Drive



Vibrant Pharmachem PVT LTD is a pharmaceutical company located in Raichur, Karnataka

Openings in Departments

1. Production
2. Ware-House
3. Research and Development
4. Quality Control (QC)
5. Quality Assurance (QA)
6. Maintenanc

Remedial coaching

MALD Govt. Degree College, Gadwal

B.Sc-III year 2016-17

4 Department of Chemistry.

5

S.No	Group	Subject	No. of taken hours No. of students taken	Name of the lecturer who has taken the class	Name of the students	Marks obtained in University exam marks before Remedial coaching	No. of classes taken by the lecturer	No. of classes attended by the students	Marks obtained in University examination after Remedial coaching	Percentage of Improvement	Remarks
1.	mpe	chemistry	18	K. Vinoda	P. Ashok.	16	18	10	38	24%	
2.	"	"	"	"	E. Bheemesh	22	18	14	42	20%	
3.	"	"	"	"	K. Gopal.	31	18	11	49	18%	
4.	"	"	"	"	B. Vinod kumar	30	18	14	51	21%	
5.	"	"	"	"	Jammanna	09	18	15	30	21%	
6.	"	"	"	"	J. Mahendrap	10	18	17	44	34%	
7.	"	"	"	"	K. Narasimhulu.	17	18	12	52	35%	
8.	"	"	"	"	K. Ramakrishna	21	18	11	63	42%	
9.	"	"	"	"	B. Shekhar.	30	18	13	49	19%	
10.	BZC	"	"	"	Bazari	14	18	14	28	14%	
11.	"	"	"	"	K. Jayaprakashbabu	08	18	15	40	32%	
12.	"	"	"	"	Y. Pavan kalyan	22	18	14	38	16%	
13.	"	"	"	"	Y. Nareesh.	28	18	10	39	11%	
14.	"	"	"	"	G. Nareesh.	19	18	15	40	21%	
15.	"	"	"	"	Naveen.	23	18	14	29	06%	
16.	"	"	"	"	H. Nikhil	24	18	12	37	13%	
17.	"	"	"	"	B. Parasharamudu	20	18	13	42	22%	
18.	"	"	"	"	B. Raju.	19	18	12	28	09%	
19.	"	"	"	"	R. Ramesh.	08	18	11	19	11%	
20.	MZC	"	"	K. Bhaskar	Mamatha	20	18	10	43	23%	
21.	"	"	"	"	K. Anand.	11	18	14	29	18%	
22.	"	"	"	"	Nareesh.	23	18	15	58	35%	
23.	"	"	"	"	Ramesh.	17	18	14	42	25%	
24.	BtBc	"	"	"	Addakula Sarvani	05	18	15	28	23%	
25.	"	"	"	"	M. Jagadeesh.	17	18	16	45	28%	
26.	"	"	"	"	K. Yugendra	21	18	12	38	17%	

Department of Chemistry
Gadwal

MALD Govt. Degree College, Gadwal

B.Sc. - III year 2017-18
 Department of Chemistry.

S.No.	Group	Subject	No. of hours taken No. of periods taken	Name of the Lecturer who has taken the class	Name of the student	Marks obtained in university examination before Remedial/Class by the Lecturer	No. of classes attended by the students	Marks obtained in University examination after Remedial coaching	Percentage of Improvement	Remarks
1.	MPC.	Chemistry.	17	K. Bhaskar	A. Suresh baby	21	17	39	18%	
2.	"	"	"	"	B. Amaresh.	23	17	42	19%	
3.	"	"	"	"	B. Naveen	32	17	72	40%	
4.	"	"	"	"	Hussain.	30	17	40	10%	
5.	"	"	"	"	C. Ramesh.	21	17	28	03%	
6.	"	"	"	"	C. Veeresh.	19	17	32	13%	
7.	"	"	"	"	G. Naveen	20	17	41	21%	
8.	"	"	"	"	J. Surendra.	14	17	28	14%	
9.	"	"	"	"	Krishna	11	17	36	25%	
10.	"	"	"	"	P. Kamalakar.	09	17	42	33%	
11.	"	"	"	"	Sudhakar.	22	17	40	28%	
12.	"	"	"	"	Srinu.	20	17	39	19%	
13.	BZC.	"	"	K. Vinoda	B. Anand.	14	17	32	18%	
14.	"	"	"	"	B. Vijaykumar	18	17	45	27%	
15.	"	"	"	"	B. Vishnu	21	17	28	07%	
16.	"	"	"	"	C. Nagaraju	15	17	42	27%	
17.	"	"	"	"	G. Anjaneyulu	13	17	65	52%	
18.	"	"	"	"	G. Ravi	19	17	52	33%	
19.	"	"	"	"	Ganesh.	21	17	42	21%	
20.	"	"	"	"	H. Kishor.	32	17	44	12%	
21.	MZC	"	"	"	M. Ramudu.	14	17	28	14%	
22.	"	"	"	"	M. Neetha.	13	17	25	12%	
23.	"	"	"	"	M. Sai Sindh.	20	17	42	22%	
24.	"	"	"	"	A. Srikanth.	25	17	40	15%	
25.	"	"	"	"	Madhav.	29	17	38	09%	
26.	BIBC.	"	"	"	Umadevi	32	17	41	09%	

MALD Govt. Degree College, Gadwal

B.Sc. III year

2018-19

8

Department of Chemistry

9

S.No	Group	Subject	No. of hours taken or no. of periods taken	Name of the Lecturer who has taken the class	Name of the Students	Marks obtained in University exam at 100% Remedial coaching	No. of classes taken by the Lecturer	No. of classes attended by the Students	Marks obtained in University examination after Remedial coaching	Percentage of Improvement	Remarks
1.		MPCEM chemistry.	19	K. Bhaskar	B. Krishna.	F	19	16	C	C	
2.		"	"	"	C. Navken.	F	19	15	B	B	
3.		"	"	"	K. Anil kumar.	F	19	14	C	C	
4.		"	"	"	K. Gopal.	F	19	17	A+	A+	
5.		"	"	"	Ramesh.	F	19	16	A	A	
6.		"	"	"	Shyamdas.	F	19	14	C	C	
7.		MPCTM.	"	"	B. Dullaiah.	F	19	15	B	B	
8.		"	"	"	C. Bheemesh.	F	19	14	A	A	
9.		"	"	"	D. Kishor.	F	19	16	A+	A+	
10.		"	"	"	Mahendar.	F	19	13	B	B	
11.		"	"	"	M. Jayasri	F	19	19	C	C	
12.		"	"	"	Paramesh.	F	19	19	B+	B+	
13.		"	"	"	Pratap.	F	19	13	A+	A+	
14.		BZCTM	"	K. Vinoda	Anand	F	19	16	C	C	
15.		"	"	"	B. Jayasamudra	F	19	16	B	B	
16.		"	"	"	B. Ramudu	F	19	17	A+	A+	
17.		"	"	"	B. Rajithkumar	F	19	16	B	B	
18.		"	"	"	B. Thimmamma.	F	19	19	C	C	
19.		"	"	"	K. Bheemesh.	F	19	16	A	A	
20.		"	"	"	K. Krishna	F	19	15	B+	B+	
21.		BZCTM	"	"	Laxman	F	19	15	B	B	
22.		MZCEM	"	"	G. Karthik.	F	19	16	C	C	
23.		"	"	"	N. Bhaskar.	F	19	14	A	A	
24.		"	"	"	Pandu	F	19	12	B	B	
25.		"	"	"	P. Anusha.	F	19	17	C	C	
26.		BZCEM.	"	"	Amaz.	F	19	15	A+	A+	
27.		"	"	"	A. Rambabu.	F	19	15	B+	B+	

Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

MALD Govt. Degree College, Gadwal
Department of Chemistry.
B.Sc - II year 2019-20

13

S.No.	Group	10 Subject	No. of hours taken (45) No. of periods taken	Name of the lecturer who has taken the class	Name of the Students	Marks obtained in University examination before Remedial Coaching	No. of classes taken by the Lecturer	No. of classes attended by the Student	Marks obtained in University examination after Remedial Coaching	Percentage of Improvement	Remedies
1.		mpc/chem chemistry	22	K. Vinodha	K. Veeresh.	F	22	17	C	C	
2.		"	"	"	M. Ramesh.	F	22	18	B ⁺	B ⁺	
3.		"	"	"	M. Jagadeeshwari	F	22	17	A	A	
4.		"	"	"	M. Sarthashamma	F	22	20	C	C	
5.		"	"	"	Nishad	F	22	16	C	C	
6.		"	"	"	D. Mahesh.	F	22	19	B ⁺	B ⁺	
7.		"	"	"	V. mahesh.	F	22	18	B	B	
8.		mpc/Im	"	K. Bhasker	Anjoreyulu	F	22	19	C	C	
9.		"	"	"	Boya Rajini	F	22	18	B	B	
10.		"	"	"	B. Swathi	F	22	19	C	C	
11.		"	"	"	C. Ramakrishna	F	22	18	C	C	
12.		"	"	"	Madhu.	F	22	19	A ⁺	A ⁺	
13.		"	"	"	M. Afroz	F	22	17	B ⁺	B ⁺	
14.		"	"	"	M. Kishore	F	22	17	A	A	
15.		"	"	"	P. Manohar	F	22	18	C	C	
16.		"	"	"	P. Shivani	F	22	20	C	C	
17.		"	"	"	R. Rishitha.	F	22	18	B	B	
18.		BZCT/Im	"	J. Venkatesham	A. Praveen kumar	F	22	21	C	C	
19.		"	"	"	Anushruti. Paik	F	22	17	C	C	
20.		"	"	"	B. Kirankumar	F	22	17	A ⁺	A ⁺	
21.		"	"	"	C. Venkatesh.	F	22	17	B ⁺	B ⁺	
22.		"	"	"	D. Raju	F	22	18	B	B	
23.		"	"	"	E. Radha	F	22	17	C	C	
24.		"	"	"	K. Anilkumar	F	22	19	C	C	
25.		mzc.	"	"	B. Thirushkumar	F	22	16	A	A	
26.		"	"	"	K. Rajashakar.	F	22	19	A ⁺	A ⁺	
27.		BTBC.	"	"	C. Nandini.	F	22	17	C	C	

Department of Chemistry
M.A.L.D. Govt. Arts & Science College
Gadwal - 509 125, M. Nagar Dist

PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

STUDENTS SEMINARS

S.NO	Student Name	Group	Topic
1.	A. Sreeja	II- MZC	Bio inorganic Compounds
2.	Ashwaq	I MZC	Structure of Hemoglobin
3.	B. Mahendar	I MPC	Structure of Chlorophyll
4.	G. Mounika	I MPC	Claisen Condensation
5	Vineetha	II MZC	Essential and Non Essential Elements
6	Kaneez Fathima	II BZC	Markonicovs Rule
7	T. Nagesh	II MZC	Classification of isomarisom
8	Md. Feroze	III MZC	Ghattermons Reaction
9	S.K. Sania	III BZC	Pericycli Reactions
10	Anjaneyulu	III MPC	Hybridization

Students Seminars, Quiz, & Group Discussion

- ✚ Students are guided by the department right from the admission, for further education and career guidance.
- ✚ The topics of seminars are given in advance to the students and the lecturer will guide them to present the seminar.
- ✚ Class Room Teaching, Students Seminars, , Debate and Online learning through digital platform is provided to the students to enhance the knowledge of the subject.





- ✚ Students are provided with question bank, study material.
- ✚ All round development of students are looking after by the department

GROUP DISCUSSION AND QUIZ

- ✚ Group Discussion, Quiz, Debate and Online learning through digital platform is provided to the students to enhance the knowledge of the subject.
- ✚ Students are provided with question bank, study material.
- ✚ All round development of students are look after by the department.



RESEARCH CONSULTANCY AND EXTENSION

Department Of Chemistry

Academic Year: 2016-2017

STUDENT STUDY PROJECT

ON

RATE OF FUNDAMENTAL OF WHEAT FLOUR

S.No	Name of the Students	Roll number	Topic
1	L Raju	302415441543	Rate Of Fundamental Of Wheat Flour
2	K Jayaprakash Babu	302414445514	
3	B Raju	302414445559	
4	Mamatha	302414457001	
5	K Yugendra	302414572007	



Department Of Chemistry

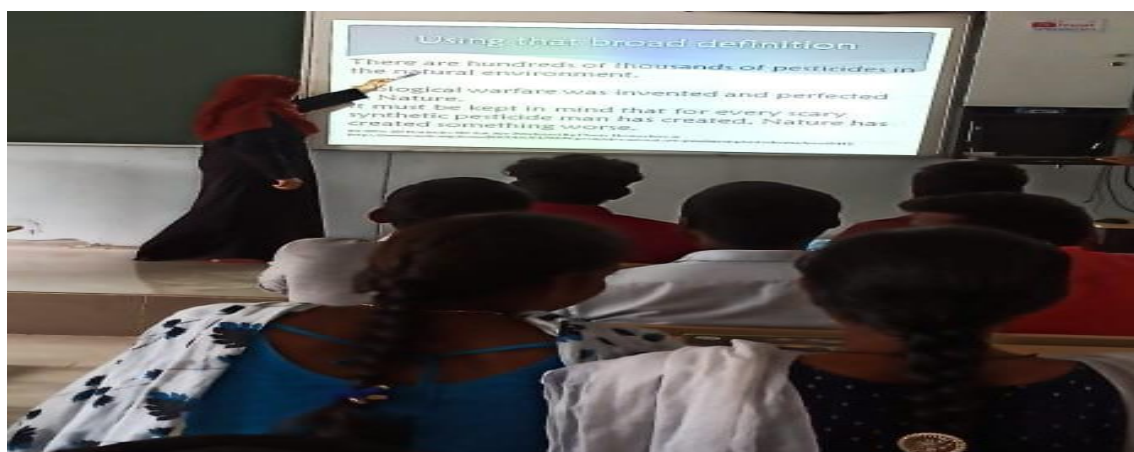
Academic Year: 2017-2018

STUDENT STUDY PROJECT

ON

CONTENT OF COLD DRINKS AVAILABLE IN THE MARKET

S.No	Name of the Students	Roll number	Topic
1	G Naveen	302415441525	Content of Cold Drinks Available in the Market
2	H Kishore	302415445528	
3	M Neetha	302415457002	
4	B Keerthan	18033024441002	
5	Shaik Neha	17033024441035	



Department Of Chemistry

Academic Year: 2018-2019

STUDENT STUDY PROJECT

ON

STERILIZATION OF WATER BY USING BLEACHING POWDER

S.No	Name of the Students	Roll number	Topic
1	B Sivudu	16033024441005	Evaluation of Drinking Water from various Sources
2	T Naresh	16033024445551	
3	K Navitha	16033024457011	
4	M D Aswaq	16033024457015	
5	Reshma	18033024445035	



Department Of Chemistry

Academic Year: 2019-2020

STUDENT STUDY PROJECT

ON

PRESENCE OF INSECTISIDES OR PESTICIDES IN VARIOUS FRUITS AND VEGETABLES

S.No	Name of the Students	Roll number	Topic
1	PG Sandya Rani	18033024445032	To Study the Presence of Insecticides & Pesticides in Various fruits and Vegetables
2	K Swetha	18033024445017	
3	P Bhasker Reddy	18033024445031	
4	M Ifthekhr	18033024445024	
5	MD Mustak	18033024445026	



Department Of Chemistry

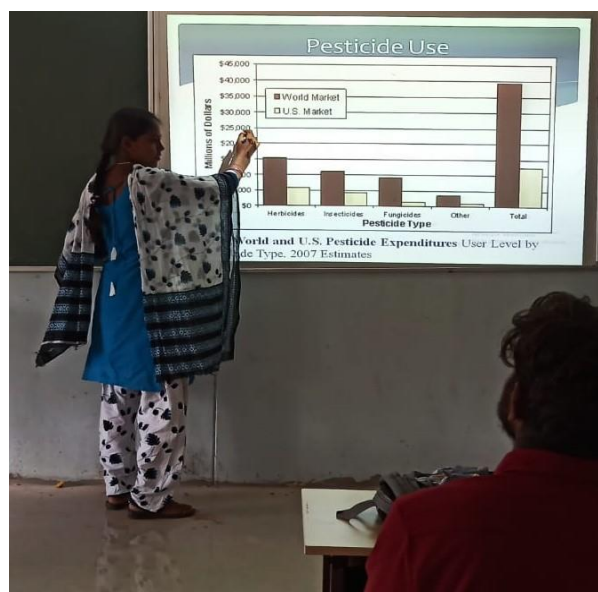
Academic Year: 2020-2021

STUDENT STUDY PROJECT

ON

INVESTIGATORY PROJECT ON FERTILIZERS

S.No	Name of the Students	Roll number	Topic
1	L. Vanaja	19033024445035	Investigatory Project On Fertilizers
2	A. Preethi	19033024445003	
3	K. Priyanka	19033024572002	
4	U. Akanksha	19033024457015	
5	C. Bhaskar	19033024445514	



DEPARTMENT OF CHEMISTRY

JIGNASA STUDENT STUDY PROJECT

STATE LEVEL PRESENTATION

ON

Green-synthesis of silver nanoparticles using alternanthera sessilis (linn.)
Leaf extract and the study of antioxidant, photocatalytic and its antibacterial,
antifungal activities.

SL.NO	NAME OF THE STUDENT	GROUP&YEAR	HT.NUMBER
1	J.Thabitha	BSC-MZC-II	20033024457005
2	Fayheema	BSC-BTBC-II	20033024572002
3	Veneela	BSC-BZC-II	20033024445035
4	Sindhura	BSC-MZC-II	20033024457013
5	B.Bharathi	BSC-MPC-II	20033024441004



STUDENTS PRESENTATION ON STUDY PROJECT AT STATE LEVEL



CERTIFICATE DISTIBUTION BY STATE RESOURCE PERSONS



STUDENTS PARTICIPATION CERTIFICATE ON STATE LEVEL



MALD.GOV.T.DEGREE COLLEGE, GADWAL

JOGULAMBA GADWAL DIST.TS

AFFILIATED TO PALAMURU UNIVERSITY

REACCTREDETED -"B" BY NAAC



Department Of Chemistry

Academic Year: 2017-2018

Certificate course -1

Topic: Laboratory Safety Rules & Regulations

Name of the Course Convenor: Dr.K.ChandraMohan

HOD of Department of Chemistry

MALD.GDC, Gadwal

Name of the Resource Person: HariBabu

Asst.Professor of Chemistry

GDC, Kollapur

CERTIFICATE COURSE-1

TITLE: LABORATORY SAFETY RULES AND REGULATIONS

STUDENTS ENROLLED LIST				
S.NO.	H.T.NO	STUDENT NAME	FATHER NAME	CASTE
1	17033024441005	B Bhaskar Naidu	B Krishna	BC-A
2	17033024441010	E Kaveri	E Anjaneyulu	BC-D
3	17033024441015	K Murali Krishna	M Beechupalli	BC-B
4	17033024441035	Shaik Neha	Huzur	BC-E
5	17033024441505	B Krishna	B Munenna	BC-A
6	17033024441515	G Mahesh	G Somappa	BC-D
7	17033024441531	M Ganesh Naidu	M Dullaiah	BC-A
8	17033024445510	B Tulasi	B Hanumanthu	BC-A
9	17033024445524	K Hanumanthu	K Ramulu	ST
10	17033024445538	P Mounika	Narsimhulu	BC-D
11	17033024457007	B Thiresk Kumar	B Shekar	BC-D
12	17033024457012	G Vichitra	G Krishna Vardhan Reddy	OC
13	17033024457017	K Rama Rao	K Rajanna	BC-B
14	17033024572008	K Sandyarani	K Laxminarayana	BC-B
15	16033024441016	K Sandyarani	Anandam	SC
16	16033024441023	Md Etheshyam	Saleem	BC-E
17	16033024441027	M Nikhitha	M Suresh	BC-D
18	16033024441501	A Vikram Varma	Govindu	SC
19	16033024441523	K Priyanka	K Venkatesh	BC-D
20	16033024441532	M Jayasri	M Rangaswamy	BC-A
21	16033024441552	T Mahesh	T Yenkanna	BC-A
22	16033024445506	B Jayaramudu	B Venugopal	BC-A
23	16033024445508	B Maldakal	B Venkatramulu	BC-A
24	16033024445519	G Sharadha	G Narsimhulu	SC
25	16033024445530	Laxman	Mareppa	SC
26	16033024457005	G Aishwarya	G Bhasker	BC-D
27	16033024457012	K Reshma Begum	K Mahmud Khaja	BC-E

28	16033024457018	N Bhaskar	N Bheemanna	BC-D
29	16033024572003	A Rambabu	A Yesanna	SC
30	16033024572003	B Akshaykumar	B Purushotam	BC-B
31	16033024572016	S Jyoshna	S Janappa	SC
32	302415441501	A Karreppa	A Laxmanna	BC-A
33	302415441514	Bheemesh	Venkatesh	BC-B
34	302415441524	G Narayana	G Narsappa	BC-D
35	302415441537	K Thimmappa	Kistanna	BC-B
36	302415441543	L Raju	L Nagi Reddy	BC-D
37	302415445517	DK Vikram	DK Narisimhulu	BC-D
38	302415445528	H Kishore	H Sundaramanna	SC
39	302415445539	K Gopal	K Ramudu	BC-B
40	302415445546	K Ravi	K Thimmappa	BC-B
41	302415445547	K Veeresh	K Veeranna	BC-B
42	302415445563	Naresh	Narsimhulu	BC-A
43	302415457001	M Navitha	M Narasimhulu	SC
44	302415457003	M Sai Sindhu	M Sudharshan	SC
45	302415457006	Bheemdu	Manyapu Reddy	BC-D
46	302415457007	E Ashok	E Venkatanna	BC-D
47	302415457013	Madhav	Thimmappa	BC-A
48	302415457017	Veeresh	Krishnaiah	BC-D
49	302415572001	G Divya	G Satya Narayana Achary	BC-B
50	302415572002	A Umadevi	A Narsimhayya Setty	OC



M.A.L.D. GOVERNMENT DEGREE COLLEGE - GADWAL

Accredited with "B" Grade by NAAC
Affiliated to Palamuru University

Jogulamba Gadwal District, Telangana State.



Course Certificate

This is certify that Mr. / Mrs. M. Nikhitha
Roll No. 16033024441027 Studying B.Sc (MPC) has completed
the Certificate Course in Laboratory Safety Rules & Regulation
conducted by the Department of Chemistry M.A.L.D. Government Degree College, Gadwal
from 01-09-2017 to 10-10-2017

Art
Course Co-ordinator

Convenor
Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist

Principal
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125

M.A.L.D. Govt Degree College, Gadwal
Department of Chemistry.



→ Certificate course conducted for physical science & life sciences on
Laboratory Safety rules & Regulations for the A/c year 2017-2018
and distributed certificates to students.



Lecturer in Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125, M. Nagar Dist



MALD.GOV.T.DEGREE COLLEGE, GADWAL
JOGULAMBA GADWAL DIST.TS



AFFILIATED TO PALAMURU UNIVERSITY
REACCTREDETED –“B” BY NAAC

Department Of Chemistry

Academic Year: 2019-2020

Certificate course -2

Topic: Preparation of Lab Reagents

Name of the Course Convenor: Mr. HariBabu

Asst.Professor of Chemistry

HOD .Department of Chemistry

MALD.GDC, Gadwal

Name of the Resource Person: Dr.K.ChandraMohan

Asst.Professor of Chemistry

HOD. Department of Chemistry

GDC, Shanthinaagr

CERTIFICATE COURSE-2

TITLE: PREPARATION OF LAB REAGENTS

STUDENTS ENROLLED LIST				
S.NO.	H.T.NO	STUDENT NAME	FATHER NAME	CASTE
1	18033024441521	K Amulya	K Maddiletti	BC-B
2	18033024441524	K Laxmi	K Vemareddy	BC-B
3	18033024441527	K Ravi	K Lakshmana	BC-B
4	18033024441534	M Srilaxmi	M Srinu	BC-D
5	18033024441535	M Yamuna	M Kurumanna	BC-D
6	18033024441550	U Nagamma	U Sathyanna	BC-D
7	18033024441001	Afreen Fathimma	Abdul razzaq	BC-E
8	18033024441002	B Keerthana	Chinna govidu	OC
9	18033024441009	D Thairaju	D Anajaneyulu	SC
10	18033024441029	P Neetu	P Javan singh	OC
11	18033024441035	T Chanti	T Govidu	BC-D
12	18033024445007	C RAJU	B Balram	BC-A
13	18033024445518	B SHIRISHA	B Bajaranna	SC
14	18033024445548	K MAHESH KUMAR	K Laxmana	BC-B
15	18033024445001	A ARAVIND KUMAR	A Sukireddy	BC-D
16	18033024445016	K SRILEKHA	K Thimappa	BC-B
17	18033024445035	RESHMA	Md Ibrahim	BC-E
18	18033024445037	SAMREEN	Md Zakriya	BC-E
19	18033024445051	YESU	Shanthanna	SC
20	18033024457006	K NIJANANDA	K Suresh	BC-D
21	18033024457007	K RAMALAXMI	K Rajarav	SC
22	18033024457008	K RAVI TEJA	K Sheshanna	BC-D
23	18033024457009	M NAVYA	M Suresh	BC-D
24	17033024441511	B Swathi	B.Bala Krishna Goud	BC-B
25	17033024441530	Md Rihana	MD.Mansoor	BC-E
26	17033024441005	B Bhasker Naidu	B.Krishna	BC-A
27	17033024441024	M Jagadeeswari	M.Nagesh	BC-B
28	17033024445501	Anjitha	Hanumanthu	BC-D

29	17033024445507	B Jayasri	B.Ranganna	BC-A
30	17033024445528	K Raju	K. Veerappa	BC-D
31	17033024572002	B Jagadeesh	B.Muneppa	BC-A
32	17033024572007	K Ranganna	K.Ranganna	BC-B
33	17033024457003	B Gopal	B.Narsimhulu	BC-D
34	17033024457032	U Usharani	U.Venkatesh	BC-D
35	19033024441004	Dharani	Chndrudu	BC-D
36	19033024441018	Sabha	Alabhakash	BC-E
37	19033024441509	E.Sravani	E.Ramanna Goud	BC-D
38	19033024441514	K.Venkatesh	K.Maldhakal	BC-B
39	19033024441527	U.Guruswamy	U.Suresh	BC-D
40	19033024441530	V.Mounika	V.Krishniah	BC-B
41	19033024445511	B.Shireesha	B.Venkataswamy	BC-A
42	19033024445514	C.Bhaskar	C.Vijeyudu	BC-a
43	19033024445523	J.Akhila	J.Gopal	BC-D
44	19033024545536	K.Ashwini	K.Ramesh	BC-B
45	19033024445003	A.Preethi	A.Raghavendra chari	OC
46	19033024445016	Farahana	Ahamad pasha	BC-E
47	19033024445035	L.Vanaja	L.Thimareddy	OC
48	19033024457001	A.Lahari	A.Narsangoud	BC-B
49	19033024457012	U.Akankasha	U.Narsimulu	SC
50	19033024489001	KomalKumari	Hareram Choudari	OC



M.A.L.D. Govt. Degree College, Gadwal
Department of Chemistry
Certificate Course - 2019-20



DEPT. OF CHEMISTRY
M.A.L.D GOVT DEGREE COLLEGE GADWAL

→ Certificate course conducted for physical science and life science on Preparation of Lab reagents for the Ay 2019-20 and distributed Certificates to students.



DEPT. OF CHEMISTRY
M.A.L.D GOVT DEGREE COLLEGE GADWAL

[Signature]
Department of Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL - 509 125, M. Nagar Dist

EXTENSION AND GUEST LECTURERS

The department organizes extension lectures periodically in order to expose the students to the latest developments in the field. The department has been maintaining very good relations with a few lecturers who are ready to lecture any time for the benefit of the students.

Sl.No	Name of the Lecturer	Address	Topic	Year
1	G.Krishna Prasad	Senior faculty in Narayana Junior college, Kurnool	Alcohols and Phenols	I Bsc All
2	Md.Kareem	MVS .GDC.MBNR	Carbohydrates	III BSC All
3	Md.Kareem	MVS .GDC.MBNR	Heterocyclic Compounds	III BSC All
4	P.Mounika	GDC(W).Gadwal	Coordination Compounds	II BSC All
	Dr.K.Jagadeshwaraiah	GDC(W), Wanaparthy	Chemical Kinetics	II BSC All



FIELD TRIPS

➤ **Field Trips**

- Educational / Industrial tour to Sree Rayalaseema Alkali and Allied Factory in 17.02.2020
- Field trip / Educational Tour to Osmania University, Hyderabad on 22.06.2022

➤ **Extension Activity by Students:**

- The Department of Chemistry of MALD GDC Gadwal visited Sree Rayalaseema Alkali and Allied Factory on 17.02.2020. This visit falls under major activity head of technical / research skills with sub activity of head industrial / exhibition visit with report. This visit was organised for one day on 17.02.2020. Total 50 students took benefit of this industrial visit. These students were accompanied by the following faculty members.
 1. B. Hari Babu, Asst. Prof. of Chemistry
 2. J. Venkatesham, Lecturer in Chemistry
 3. K. Bhaskar, Lecturer in Chemistry
 4. K. Vinoda, Lecturer in Chemistry
- The Department of Chemistry of MALD GDC Gadwal visited University college of science, department of chemistry, Osmania University, and CFRD (Center for Facilities and Research Development) Hyderabad on 20.06.2022 along with the students of B.Sc (Life Sciences and Physical Sciences, 1st & 2nd Years). These students were accompanied by the faculty members.

• ➤ **Extension Activity by Faculty:**

1.Sri. B. Hari Babu

1. Incharge Physical Director
2. Alumni Coordinator
3. NAAC Criteria-II Convener
4. RUSA Coordinator
5. Various Departmental Committee Members.
6. Member of Alumni

2. Smt.K. Vinoda

1.Member in Women Empowerment Cell

3.Sri.J.Venkatesham

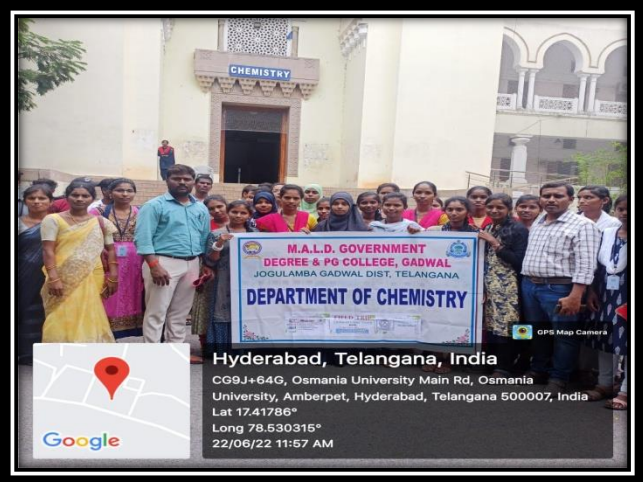
1.Member of ICT Class Rooms
2. Convenor of Grievance & Readdressed Cell
3. Member of Cleaning Committee

4.Sri.K. Bhaskar

1.Audio Visual
2. Sports and Games
3. Faculty forum.



Sree Rayalaseema Alkali and Allied Factory



Department of Chemistry UCS OU Research Labs & CFRD Labs



Infrastructure and Learning Resources

➤ Infrastructure Details

1. Organic Lab Balance room-01
2. In Organic Lab Store room-01
3. Physical Lab

In addition to these labs, there is well furnished staff room. Enough equipment is available for each student to do practical individually.

1. Conductivity meters
2. P^H Meters
3. Colorimeters
4. Potential Meters
5. Centrifuges
6. Simple Balance
7. Digital Balance
8. Audio Visual Equipment like OHP
9. Hot air Oven

1. Chemistry Lab Glassware Pipette, Burette, Flask..... Etc.

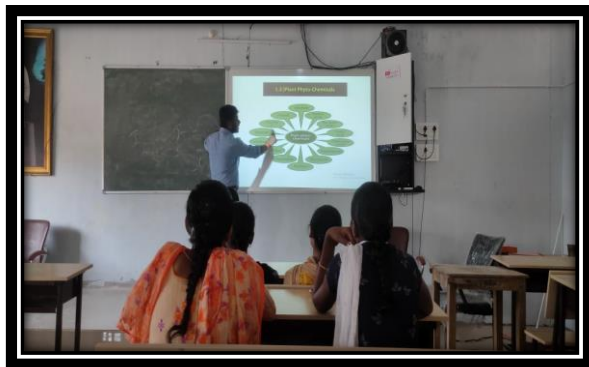
➤ LIBRARY AS LEARNING RESOURCE

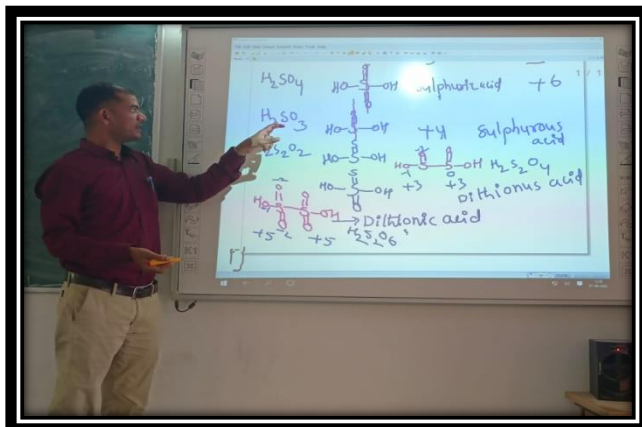
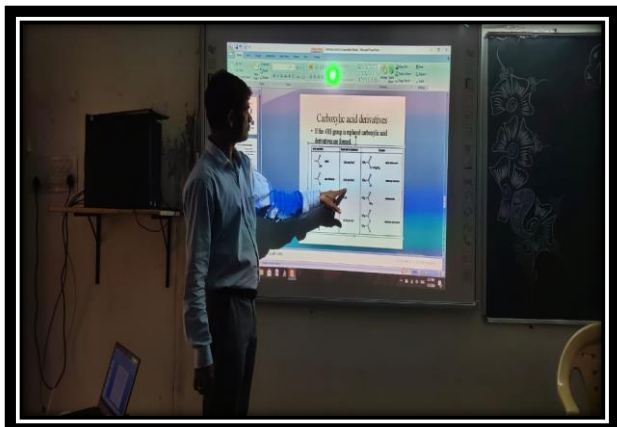
- ❖ Apart from the huge central library, the department as a library textbooks and rare collection of reference book and laboratory manuals. These books and mammals are lent to the students, which will be an additional reading material to them
- ❖ The department has over head projector (OHP) which will be used for delivering extension lecturer and additional inputs.

➤ Facilities:

- Rain water Analysis Machine. We collect rain water and demineralise used for practical purpose.
- We have well instrumented and equipped lab.
- Digital board is available

ICT ENABLED TEACHINGS





INTERHALOGEN COMPOUNDS OF XY_5 TYPE

Eg : Iodine pentafluoride (IF_5)

PREPARATION: It is prepared by the direct combination of I_2 and F_2 (excess).

PROPERTIES:

- It is a colourless liquid whose melting point is $9.6^\circ C$.
- Good conductor of electricity.
- Hydrolysis: It is hydrolysed by water to give halogen acid and oxy-acid of larger halogen atom.

Inter halogen compounds & Pseudo halogens

3 views · 1 year ago

0 Likes, 0 Dislikes, Share, Download, Save

Haribabu Boya
3 subscribers

2. Linkage isomerism

• Same M.F but differ in linkage of the ligand.

LINKAGE ISOMERS

$[PtCl_2(NO)_2]^{2+}$ $[PtCl_2(ONO)_2]^{2+}$

coordination compounds-2

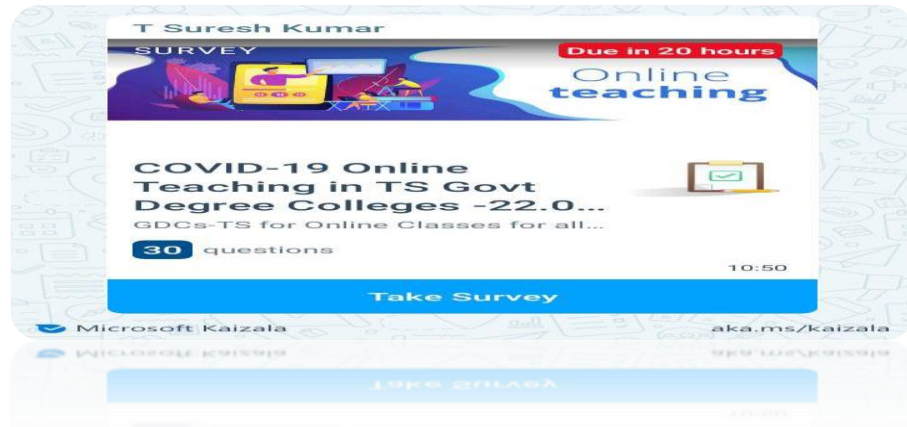
18 views · 1 year ago

1 Like, 0 Dislikes, Share, Download, Save

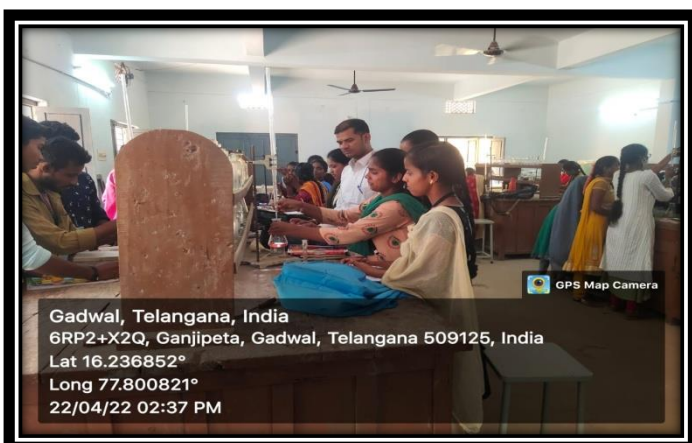
Haribabu Boya
3 subscribers

Comments

Add a public comment...



DEPARTMENTALLY LABS





MOU



M.A.L.D. GOVT.DEGREE COLLEGE: GADWAL
JOGULAMBA GADWAL DISTRICT T.S.
AFFILIATED TO PALAMURU UNIVERSITY
RE-ACCREDITED - 'B' BY NAAC



DEPARTMENT OF CHEMISTRY

Memorandum of Understanding (MOU) Between MALD .Govt.Degree College, Gadwal and Govt.Degree College (Women), Gadwal

The MALD.Govt.Degree College, Gadwal, wishing to amplify cooperation and cordial relationship between two educational institutions, agree upon the following requirements for academic and educational benefits:

The two institutions agreed to encourage academic and educational cooperation in the field of mutual interest including,

1. Exchange of Faculty for Extension Lectures / as Resource persons:
2. Exchange under Graduate Students:
3. Permitting the faculty / students to avail modern infrastructures:
4. Exchange of other relevant information and academic materials:

The MALD.GDC, Gadwal & GDC Women's Gadwal will comply with all relevant state and UGC norms applicable to these agreements.

The agreement will become effective immediately on the date of signature by the designated representatives of both institutions and will remain in force for a period from 03/08/2018 to 27/02/2020. The agreement may be amended or extended by mutual written consent of the two parties. The MALD.GDC, Gadwal & GDC Women's Gadwal, by signature of their authorized representative below acknowledges having read and understood the agreement and agrees to bind by its terms and conditions.

S.J. Sanjay Kumar
Principal
PRINCIPAL
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125

[Signature]
HOD
Lecturer in Chemistry
M.A.L.D. Govt. Arts & Science College
GADWAL-509 125

[Signature]
HOD
Lecturer in Chemistry
Govt. Degree College for Women
GADWAL-509 125

[Signature]
Principal
PRINCIPAL
Govt. Degree College for Women
GADWAL-509 125

Seen
[Signature]
College leved Academic Audit is
completed for the month of
Academic year

[Signature]
Principal.

Student Support and Progression

➤ Coaching Initiatives


- Offered Coaching for Chemistry Graduates appearing for interviews for the post of Chemist in labs.
- And also offered M.Sc Entrance coaching for chemistry and B.Ed Entrance Coaching.
- We are taking classes for Competitive Exams under the guidance of Career Guidance Cell.

Sl.No	Year	Name of the Student	Rank/Selection	Joined at P.G/Bed/Placement
1	2016-17	B. NAGARAJU	KU	MSC Chemistry
2	2016-17	K. NAGENDRA	283- OU	MSC Chemistry
3	2017-18	B SHIREESH	444- KU	MSC Chemistry
4	2018-19	H VISHNU VARDHAN	331-OU	MSC Chemistry
5	2018-19	K PARSHA RAMUDU	939-TU	MSC Chemistry
6	2018-19	N VINEETHA	536-PU	MSC Chemistry
7	2018-19	G SOWMYA	6633-	B.Ed
8	2018-19	P KISHORE KUMAR	TSESS	SGT
9	2019-20	K MEENAKSHI	4240	B.Ed
10	2019-20	T VENKATESH	534- PU	MSC Chemistry
11	2019-20	ANJEETHA	1803	B.Ed
12	2019-20	K THAYESHWARI	3134	B.Ed
13	2019-20	C NANDINI	2673	B.Ed
14	2019-20	MD RIHANA	4567	B.Ed
15	2020-21	PARSHARAMUDU	313 – OU	MSC Chemistry
16	2020-21	M IFTHAKHAR	5311 – OU	MSC Chemistry
17	2020-21	K SWAMY	5425 – OU	MSC Chemistry
18	2020-21	K MADHU	TSSP	Conistable
19	2020-21	S THIMAPPA	ARMY	Soilder
20	2020-21	B RAJU	TSSP	Conistable

**DIRECTORATE OF ADMISSIONS
OSMANIA UNIVERSITY - HYDERABAD
PROVISIONAL ADMIT CARD
OU CET - 2015**

DATE : 14/08/2015

NAME	:	RUKMATH
FATHER'S NAME	:	NARAYANA
DATE OF BIRTH	:	07/05/1992
H.T. NO.	:	6215278
RANK	:	2982
CATEGORY	:	SC PH
LOCAL STATUS	:	Local
COURSE / SUBJECT	:	M.Sc. Chemistry (Organic Chemistry) (Regular)
FEE	:	3400/1230
COLLEGE ADMITTED	:	University College of Science, OU Campus, Hyderabad



Rukmath

DIRECTOR

Note: The candidate is advised to report to the college into which he/she is admitted within ten days from the last and final phase of admission in the concerned subject. Otherwise the admission will be deemed to be cancelled automatically.

**CPGET - 2019
DIRECTORATE OF ADMISSIONS - OSMANIA UNIVERSITY, HYDERABAD**

RANK CARD

Roll Number No.	:	0201M0944
Candidate's Name	:	R RUKMATHA
Father's Name	:	R NARAYANAREDDY
Year Paper	:	M.Sc. Chemistry

Category	:	OC
Date of Birth	:	14/02/1999

Mark Obtained	:	76
Rank	:	336






R. Rukmatha

INSTRUCTIONS TO CANDIDATE

- The admission card (AD Card) issued by Osmania University, Hyderabad, Osmania Institute of Technology, Hyderabad and OUET for the purpose of admission and official purposes will be valid through a restricted time-period. Hence, the admission card with this admission will be invalid in validity. The qualified candidates are advised to visit the university to take up further admission card.
- The eligibility of the candidates is as verified / decided in the case of applicants according to the admission card. The candidates will be deemed to be eligible for admission. Hence, candidates are advised to report to the university by the date specified in the admission card.
- The candidates are advised to report to the university by the following stipulated date and time, with the use of valid mode of transport.
 - Rank Card and Roll Number of CPGET - 2019
 - Transfer Certificate (TC) from the institution where the candidate has studied.
 - Degree certificate and temporary certificate of admission in the case of candidates of post-graduate examination (this certificate should be submitted to the university). The candidates should ensure that the certificate has passed the qualifying examination with aggregate percent of marks in each subject as per the admission card.
 - Secondary School or 10th class Certificate.
 - Proof of Local / Non-Local Status of the candidate (in the case of local).

**CPGET 2019
DIRECTORATE OF ADMISSIONS - OSMANIA UNIVERSITY, HYDERABAD**

**Phase - I
Provisional Admittance Card**

Admission No.	:	0201
Roll No.	:	0201M0944
Name	:	R RUKMATHA
Father's Name	:	R NARAYANAREDDY
Year Paper	:	Regular
Course Fee No.	:	1230

Category	:	OC
Date of Birth	:	14/02/1999

There is a direct transfer to the college (University of Science, OU Campus, Hyderabad) as per the admission card.

College: University College of Science, OU Campus, Hyderabad

Course / Subject: M.Sc. Chemistry (Organic Chemistry)

Rank Card No.: 336

INSTRUCTIONS TO CANDIDATE

- The candidate is advised to report to the college into which he/she is admitted within ten days from the last and final phase of admission in the concerned subject. Otherwise the admission will be deemed to be cancelled automatically.
- The eligibility of the candidates is as verified / decided in the case of applicants according to the admission card. The candidates will be deemed to be eligible for admission. Hence, candidates are advised to report to the university by the date specified in the admission card.
- The candidates are advised to report to the university by the following stipulated date and time, with the use of valid mode of transport.
 - Rank Card and Roll Number of CPGET - 2019
 - Transfer Certificate (TC) from the institution where the candidate has studied.
 - Degree certificate and temporary certificate of admission in the case of candidates of post-graduate examination (this certificate should be submitted to the university). The candidates should ensure that the certificate has passed the qualifying examination with aggregate percent of marks in each subject as per the admission card.
 - Secondary School or 10th class Certificate.
 - Proof of Local / Non-Local Status of the candidate (in the case of local).

**CPGET - 2019
Osmania University**

**Phase - I
Provisional Admittance Card**

Admission No.	:	0201
Roll No.	:	0201M0944
Name	:	R RUKMATHA
Father's Name	:	R NARAYANAREDDY
Year Paper	:	Regular
Course Fee No.	:	1230

Category	:	OC
Date of Birth	:	14/02/1999

There is a direct transfer to the college (University of Science, OU Campus, Hyderabad) as per the admission card.

College: University College of Science, OU Campus, Hyderabad

Course / Subject: M.Sc. Chemistry (Organic Chemistry)

Rank Card No.: 336

INSTRUCTIONS TO CANDIDATE

- The candidate is advised to report to the college into which he/she is admitted within ten days from the last and final phase of admission in the concerned subject. Otherwise the admission will be deemed to be cancelled automatically.
- The eligibility of the candidates is as verified / decided in the case of applicants according to the admission card. The candidates will be deemed to be eligible for admission. Hence, candidates are advised to report to the university by the date specified in the admission card.
- The candidates are advised to report to the university by the following stipulated date and time, with the use of valid mode of transport.
 - Rank Card and Roll Number of CPGET - 2019
 - Transfer Certificate (TC) from the institution where the candidate has studied.
 - Degree certificate and temporary certificate of admission in the case of candidates of post-graduate examination (this certificate should be submitted to the university). The candidates should ensure that the certificate has passed the qualifying examination with aggregate percent of marks in each subject as per the admission card.
 - Secondary School or 10th class Certificate.
 - Proof of Local / Non-Local Status of the candidate (in the case of local).

DEPARTMENT LIBRARY

Department of Chemistry maintains a separate library consisting around 150 Telugu Academy books and Reference books for the purpose of faculty members and students. Also maintained M.Sc Coaching materials and Model Question



ALUMNI OF THE DEPARTMENT

A large number of Alumni of the Department have distinguished themselves in administrative and academic areas in the country and abroad. They are occupying positions of responsibility in research and Industrial establishments and in academic institutions. Large numbers of old students are working as Engineers, Lecturers in Degree colleges, Junior Lecturers, Teachers and many Government and Private sectors.

S.NO	NAME OF THE PERSON	PRESENT DESIGNATION & ADDRESS
1	Hari Bababu	Asst. Prof. of Chemistry, MALD GDC , Gadwal
2	Sri. V. Manoj kumar	Asst. Prof. of Mathematics , MALD GDC , Gadwal
3	Sri. Sathyanna	Asst. Prof. of Mathematics , MALD GDC , Gadwal
4.	Sri Prof. Dr. V. Vijaya Rao	Chief Scientist, Professor in Geo Physics, NGRI, HYD
5.	Sri K. Subhas Chandra Bose	Chief Engineer (Rtd.)
6.	Sri. K. Narsoji Rao	Gazetted Head Master (Rtd.)
7.	Sri. A. Prathap Reddy	Functional safety Engineer, General Motors, USA
8.	Sri. K. Karunakar Reddy	Correspondent of Kottam Tulsi Reddy Engineering, Kondair
9.	Sri. K. Rajachary	Gazetted Head Master (Rtd). He also received best Teacher award from state Govt. of A. P
10.	Sri. C. Rama chary	Professor in Physics dept. women college, koti, Hyderabad
11.	Sri. Babaiah	Sr. Engineer, ECIL, Hyderabad
12.	Sri. G.Veera Pradip	D.E.E(civil),Panchayat Raj dept,Sangareddy
13.	Sri. D. Rajesh, MCA	Software Engineer,N. R.I ,U. S. A
14.	Sri. R.Govinda Raju	VRO
15.	Sri. K. Vinod Ram	Dy. Gen Manger, Sanghi Polyestic Ltd, Ranga Reddy (Dist.)
16.	Sri.R. Mohan Rao	Manager, SBH, Hyderabad.

Participation in Institutional Social Responsibility (ISR) and Extension activities

Curricular & extracurricular activities



National Science Day



National Energy Conservation Day



IYPT & Swamy Vivekananda Jayanthi



Harithaharam Programm



Bathukamma celebrations



Blood Donation Camp under Red- Cross



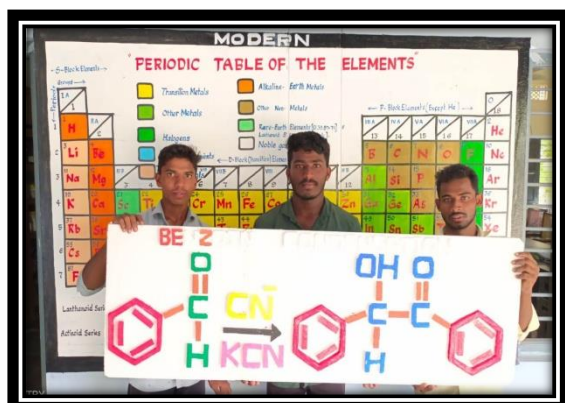
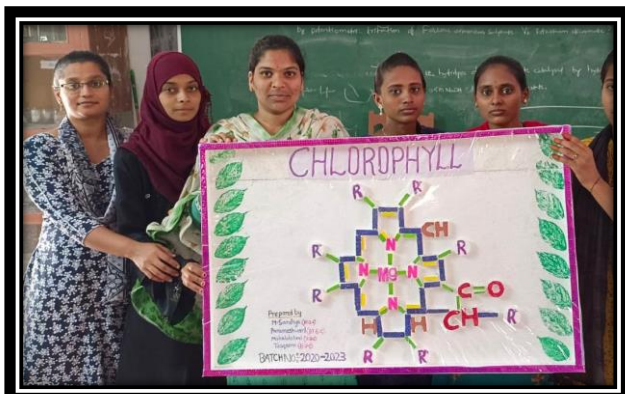
NSS Orientation Programme



Sports & Games

INNOVATIVE PRACTICES AND FUTURE PLANS

Our students prepare Chemistry Models of various organic reactions, also planned to distribute to local schools and colleges to create awareness in chemistry.



GOVERNANCE LEADERSHIP AND MANAGEMENT:

Organization and management

- The department functions under the supervision of the principal, through the head of the department.
- The head of the department looks after day - to - day activities of the department.
- Periodical meetings are held with the staff of discuss departmental activities and democratic are taken and implemented.
- In addition to teaching work, the faculty looks after the admissions, examination and other related works.
- Faculty of the department prepares the annual action plan at the start of the academic year based on the academic calendar supplied by the commissionerate of Collegiate Education.
- Faculty frequently assembles and discusses the events conducting for students and recorded in minutes register.
- Our faculty members are working in various committees as members such as a TSKC, WEC, Admission, Physical education, MANA TV, NSS committees.

STRENGTH OF THE DEPARTMENT

- The department has dedicated faculties.
- Study material and question bank supplied to the slow learner students.
- Study projects and seminars presented by the students every year.
- Regular field trips are arranged to students for industrial exposure.
- Additional inputs such as paper clippings (subject wise and general) and internet Video lectures, power point presentation have been providing for students to enrich their knowledge.
- Group discussion and Quiz's (subject wise and General) are conducting in regular manner.

HIGHLIGHTS OF THE DEPARTMENT

- ❖ Our students Selected at State level JIGNASA-Student study project on **Green-synthesis of silver nanoparticles using alternanthera sessilis (linn.) Leaf extract and the study of antioxidant, photocatalytic and its antibacterial, antifungal activities of MALD GDC, Gadwal .**
- ❖ The Department is producing GOOD results every year.
- ❖ Every year top three highest marks students in each paper are awarded with various books in order to encourage them.
- ❖ The old students of this college who are completed B.Ed, M.Sc(chemistry) are working as teachers and lecturers in various institutions.
- ❖ The students of recent passed joined its various courses like B.Ed., M.Sc.

- ❖ Every year almost 10 students got PG seats in various Universities.

It's a matter of pride that students studied here have been highly placed in society

WEAKNESS OF THE DEPARTMENT

- ❖ Research lab not established.
- ❖ Lack of modern lab equipment satisfactorily.
- ❖ Infrastructure of laboratories, shortage of class rooms and permanent teaching faculty.
- ❖ No. of books in the departmental library are insufficient

FUTURE PLAN OF THE DEPARTMENT

- ✓ To develop the labs with latest equipment.
- ✓ To start the modern research facility to initiate the collaborative research with reputed industries.
- ✓ To initiate the student exchange programme with the National / International Institute.
- ✓ To start the interdisciplinary courses
- ✓ To conduct National Seminars.
- ✓ To Introduce a Certificate a course in Synthetic Drugs.
- ✓ To encourage self - employment system.
- ✓ To awareness a campaign on Say yes to life and No to Drugs.
- ✓ To conduct a campaign on plastic combustion in Gadwal and surrounding village.

Challenges

- To increase the collaboration with industries for the placement of students.
- To make aware the students about competitive exams related to chemistry & to develop their scientific view.
- To motivate the students who are having weak socio-economical background for taking Higher education To enhance the research activity in the



THANK YOU