

GOVERNMENT DEGREE COLLEGE NARSAPUR, MEDAK DISTRICT, (TS).

DEPARTMENT OF CHEMISTRY



HEARTY WELCOME TO NAAC PEER TEAM



FROM: TEACHING STAFF AND STUDENTS.

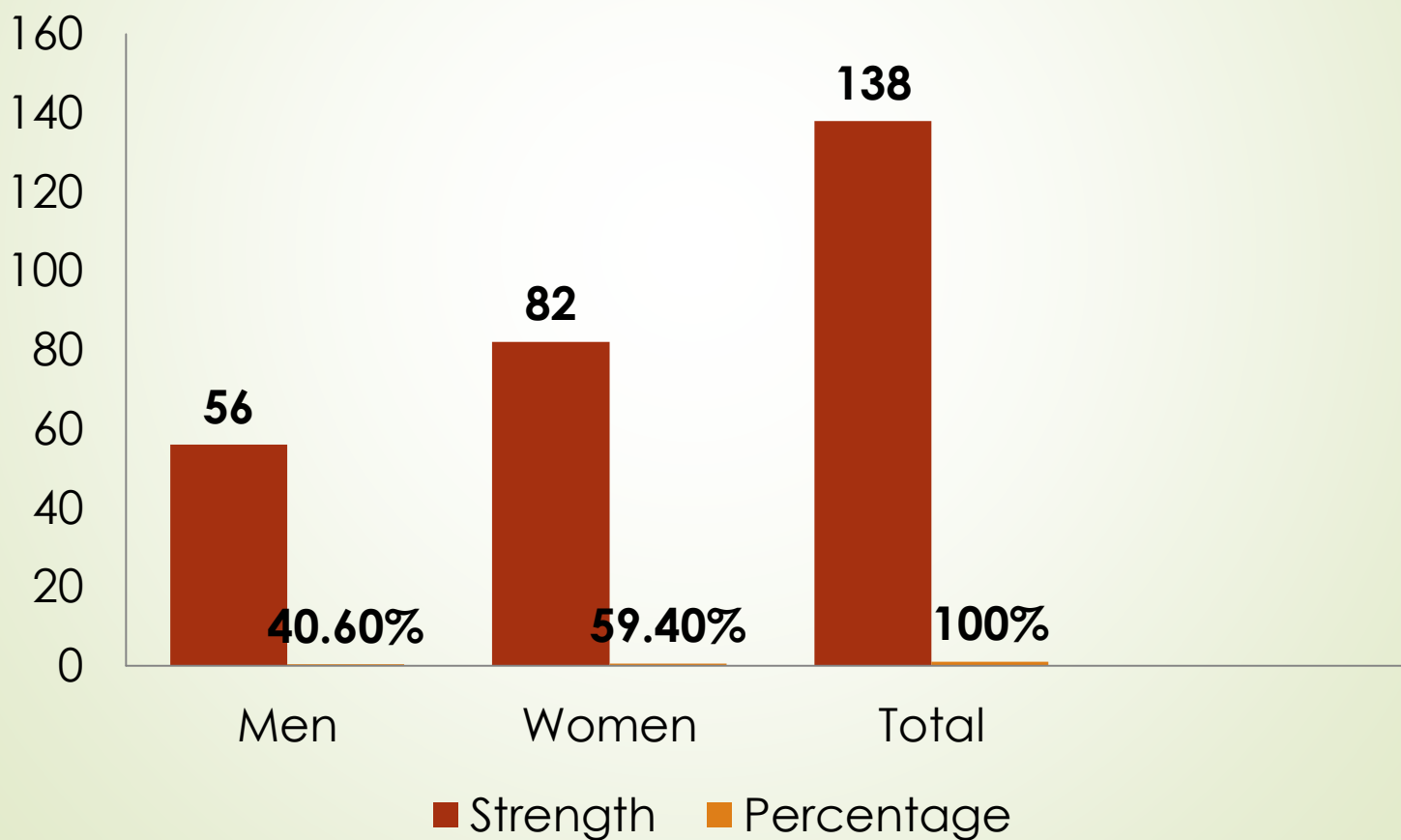


DEPARTMENT OF CHEMISTRY

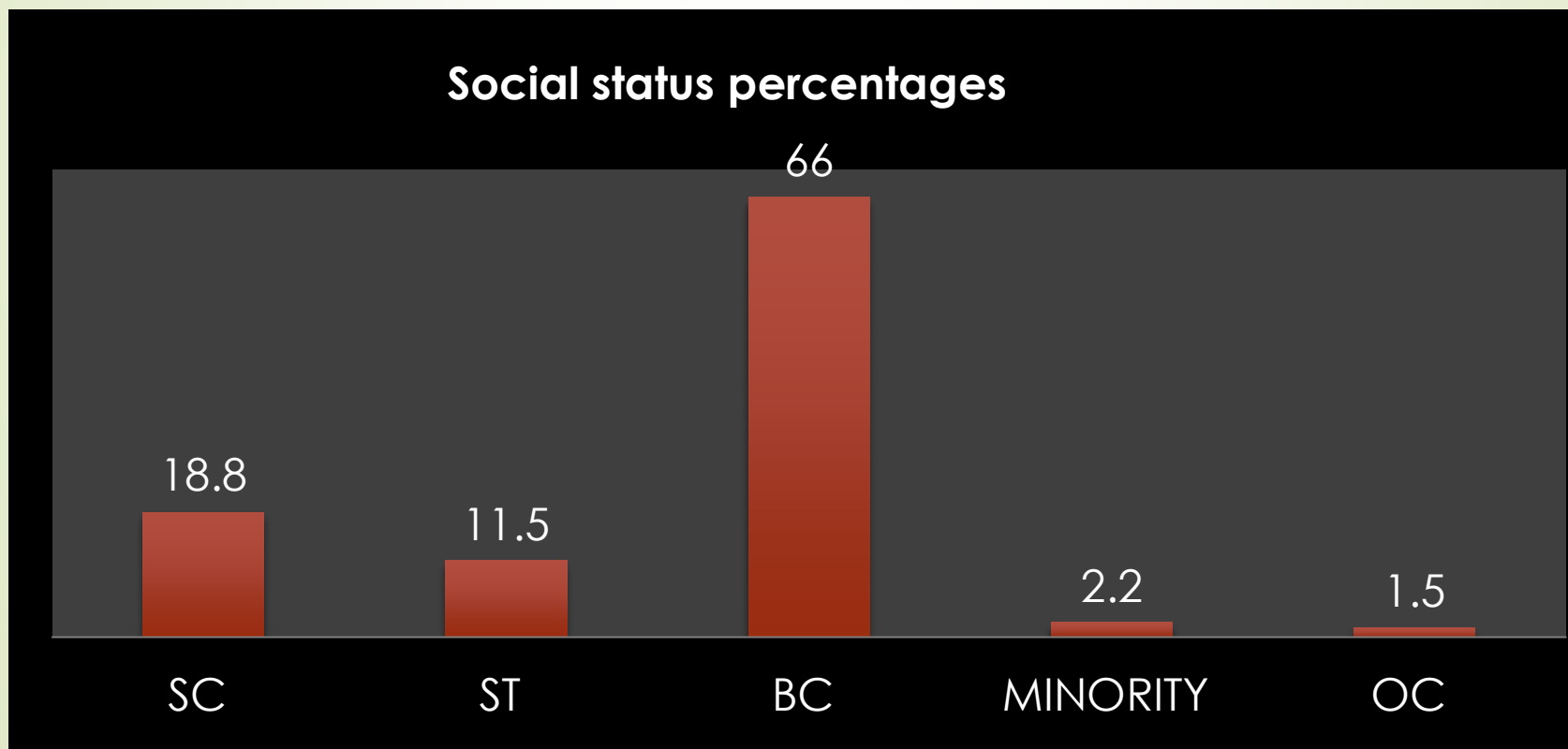
About the Department:

- Chemistry department was established in 2008 at GJC building Narsapur town in Medak district.
- It was shifted to this new building on 25th November 2017.
- The department is well established and well equipped.
- CBCS is being implemented in 2016 -17 with Physical Sciences & Life Sciences.
- It has a computer with internet facility.
- Classes are taught through Lecture method and ICT.
- Every year pass percentage of Chemistry subject is higher than Osmania University results.
- Chemistry department arranges Field Trips and Guest lectures.
- Departmental Library provides notes, text books & previous Q.Ps.
- Number of Sanctioned posts: 01

- Courses offered: MPC, MCCs & BZC groups (TM & EM)
- Students strength in above courses for the academic year 2021–22 is **138** \Rightarrow Men = 56 (**40.6%**), Women = **82** (**59.4%**)



	SC	ST	BC	MINORITY	OC	TOTAL
Total number of students	26	16	91	03	02	138
Percentage	18.8	11.5	66.0	2.2	1.5	100




From our Chemistry department, five students were selected for **State Level Jignasa – Student Study Projects**. This group gave a presentation at **IPGDW Hyderabad** for the academic year 2021–22, which was organised by CCE, TS, Hyderabad.



V. Priyanka, M. Manisha, P. Nagarani, G. Deepika and V. Bhavani

FACULTY PROFILE

S. No	Name	Qualifications	Experience	Photo
01	Sri L. NARENDER	M. Sc., M. Ed	14 Years in GJC 12 Years in GDC	

WORKLOAD STATEMENT

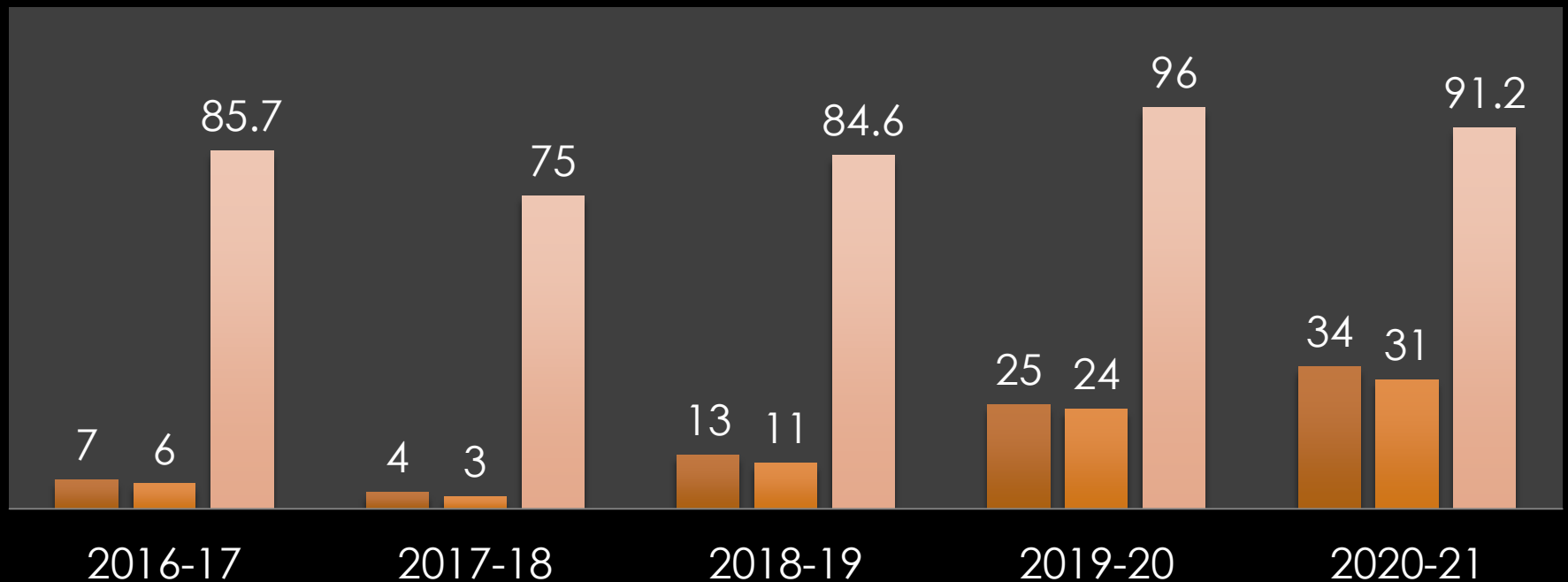
Name of the Lecturer	Theory (Per week)	Practical (Batches X Hours) (Per week)	Total Periods (Per week)
1. Sri. L. NARENDER	18 Hours	6 Hours (3 x 2)	24 Hours

**Chemistry
Dept.
Final Year
Results
2016-17
to
2020-21**

Year	Appeared	Passed	Percentage
2016-17	07	06	85.7%
2017-18	04	03	75.0%
2018-19	13	11	84.6%
2019-20	25	24	96.0%
2020-21	34	31	91.2%

Final year Results

■ Appeared ■ Passed ■ Percentage



CURRICULAR ACTIVITIES / ASPECTS

1. Annual curricular plan (ACP)

- The college is affiliated to Osmania University.
- We follow the syllabus as per Osmania University.
- Semester wise annual curricular plan is prepared at the beginning of the academic year.
- In the departmental meeting, we discuss the review of the syllabus and results. We take the necessary steps to complete the syllabus as per the schedule.

TEACHING - LEARNING AND EVALUATION

Innovative Teaching methods:

- Use of Chalk-talk method. (Lecture method)
- Demonstration method
- ICT teaching method. (YouTube videos & PPTs)
- Internal assessment test, slip test, unit test and study hour.
- Providing study material.
- Encouraging students to refer general text books.
- Group discussion and quiz competition.
- **Seminars:** Students select the topic of their choice and present it.

T-SAT (MANA TV) NIPUNA is available to the students to watch lectures by chemistry experts. Now it is not being telecasted by the CCE-Hyderabad from the last two years due to COVID-19

Extension Lectures: Every year the Department arranges Extension / Guest lectures for the benefit of the students.

YouTube videos

Faculty creates YouTube video classes and send their links to students.
Students can watch them at their convenience.

NAME OF THE LECTURER: L. NARENDER

S.No.	Name of the topic	YouTube link
1	Alkenes	https://youtu.be/aKsi9LcWeh0
2	Aromatic Hydrocarbons	https://youtu.be/TVWj378ydmQ
3	MOT Part - 1	https://youtu.be/NCmx6Axfz0Y
4	MOT Part - 2	https://youtu.be/K22qOX8VuRU
5	HSAB	https://youtu.be/XAg8qq2vrUM
6	Compounds Of Xenon	https://youtu.be/nb0nR4nrbqE
7	Pseudo Halogens	https://youtu.be/m318dp2uLhQ
8	13 Group Elements	https://youtu.be/HIs5q3qNHTc
9	15 Group Elements	https://youtu.be/lyK8x3xZDbw
10	Carbides And Silicones	https://youtu.be/okhFHHltJTg
11	Ethers	https://youtu.be/XHFI5ahFXQ0
12	Oxides of Carbon and Nitrogen	https://youtu.be/XQ-5v0NfIWQ
13	Inter Halogen Compounds	https://youtu.be/5VWlbNt_FJg
14	Adsorption	https://youtu.be/a7KnoyEavYA
15	Halogen Compounds	https://youtu.be/kOGnpUDh6Gs
16	Classification of Oxides	https://youtu.be/nzmvzz1u6GM
17	Metal Carbonyls	https://youtu.be/3TkUIBzRgmo
18	Phenols	https://youtu.be/YnTxMQQzOb0
19	Carboxylic Acids	https://youtu.be/s8VVxeYNOLE
20	Aliphatic Amines	https://youtu.be/GTibPJf3lo
21	Nitro Alkanes	https://youtu.be/p6JYkmFQra8
22	Amino Acids	https://youtu.be/NHVD6kXPpMA

Extension / Guest lectures

The following extension lectures are arranged.

S. No	Date	Name and Designation of the Resource Person	Topic Covered	Class
1	03-09-2018	Sri Md. Azahar Pasha Lecturer in Chemistry Sri Nidhi Degree College, Tandur	Molecular Orbital Theory	B.Sc I Year (MPC & BZC)
2	20-11-2021	Sri A. Venu Gopal Rao Lecturer in Chemistry GDC Medak	Nitro hydrocarbons	B.Sc II Year (MPC, MCCs & BZC)
3	18-05-2022	Sri D. Ashok Kumar Asst. Prof. of Chemistry P.G College, Siddipet	Drugs and General Chemistry	B.Sc III, II, I Year (MPC, MCCs & BZC

GUEST LECTURE DELIVERED BY SRI D. ASHOK KUMAR, PG COLLEGE SIDDIPET.



GUEST LECTURE DELIVERED BY SRI MD. AZAHAR PASHA, SRI NIDHI D C, TANDUR



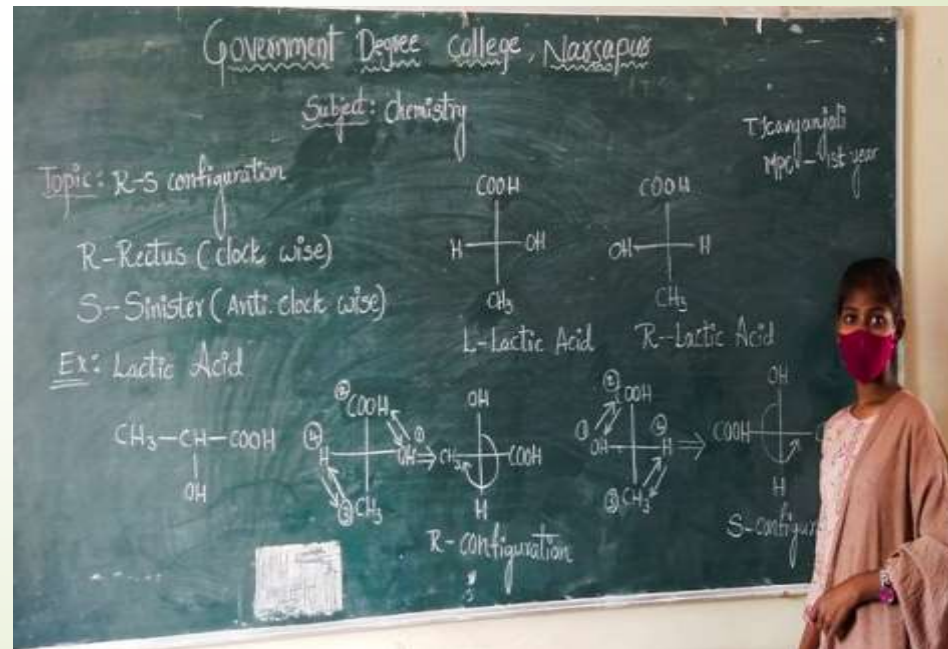
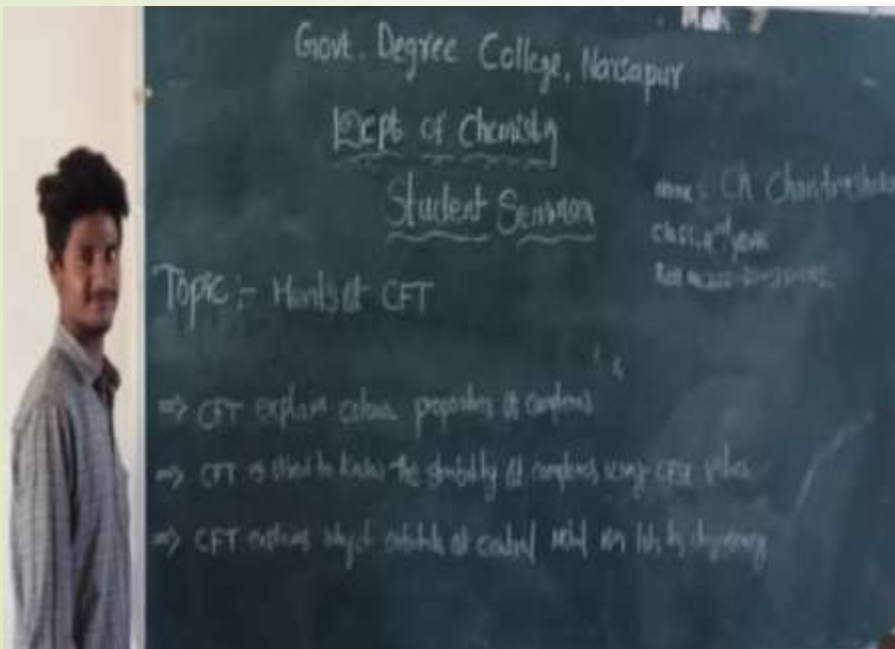
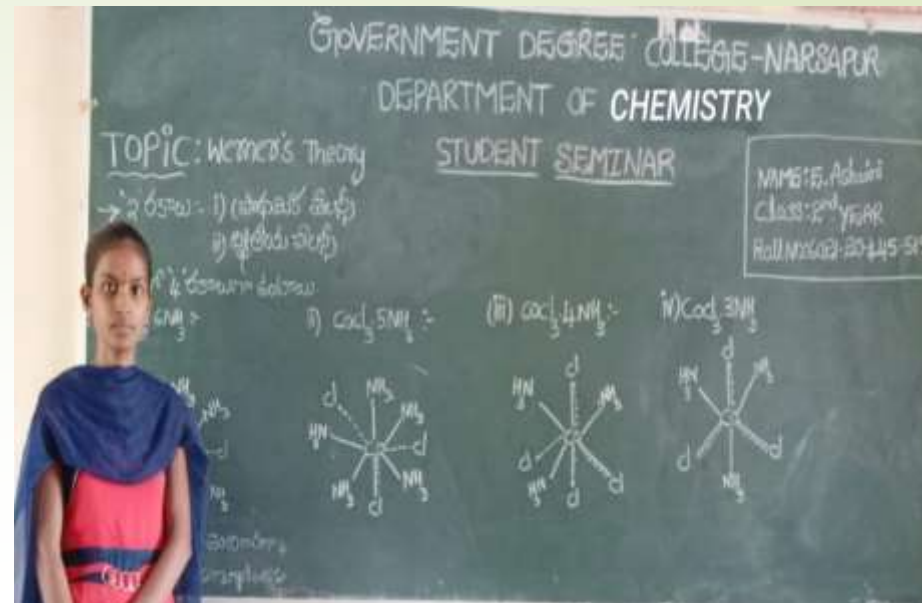
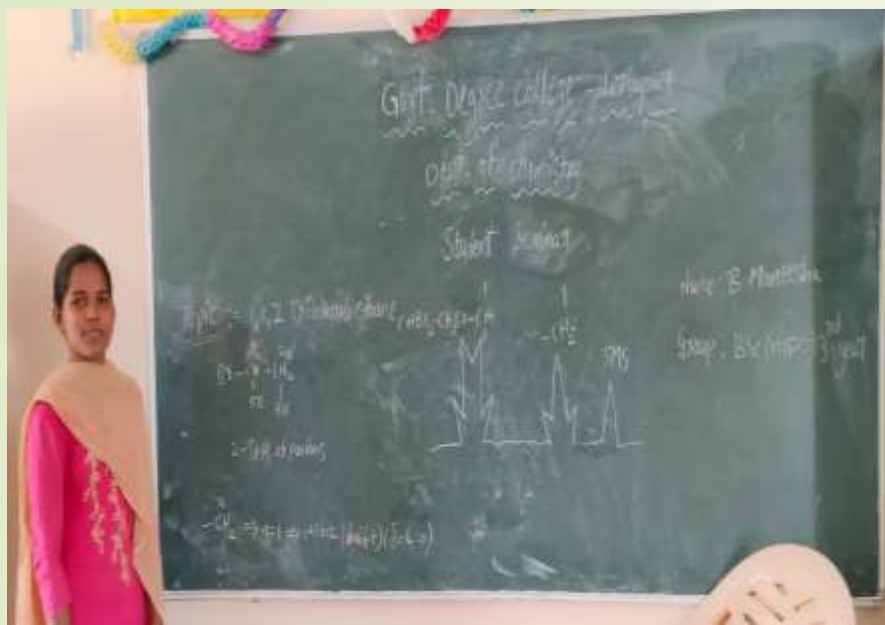
SRI A. VENU GOPAL RAO, GDC MEDAK



Student Seminars: Students will select the topic of their choice and present it. Most of the students actively participated in the seminars.

S. No	Date	Name of the Student	Class	Topic
1	22-09-2018	G. Anusha	B. Sc III Sem	F-Block elements
2	15-09-2018	V. Akhila	B. Sc I Sem	Molecular Orbital Theory
3	08-10-2018	M. Vinod Kumar	B. Sc III Sem	Stereo Chemistry of Car C
4	27-02-2019	M. Vamshi Krishna	B. Sc IV Sem	Coordination Compounds
5	01-03-2019	Hafeeza	B. Sc IV Sem	Pericyclic Reactions
6	22-11-2021	E. Ashwini	B.Sc III Sem	Werner's Theory
7	01-12-2021	B. Maneesha	B. Sc V Sem	H ¹ NMR
8	08-12-2021	Ch. Chandrashekar	B.Sc IV Sem	CFT
9	06-01-2022	V. Priyanka	B.Sc I Sem	Dienes
10	04-02-2022	P. Bhanu Prasad	B. Sc V Sem	Column Chromatography
11	12-02-2022	G. Supraja	B. Sc V Sem	Gas Chromatography
12	14-02-2022	N. Sandhya	B.Sc I Sem	Alkanes

STUDENT SEMINAR:



Quiz Program: Quiz questions are prepared at the end of each lesson. Students are divided into 3 or 4 groups & we encourage them to participate in QP.



INTERNAL ASSESSMENT TEST

We conduct IATs as per the Osmania University schedule



Field Trip: B.Sc Chemistry students visited Sri Balaji Pipes Industries Ltd, Medak. They understood the process of manufacturing of HDPE & LDPE pipes.



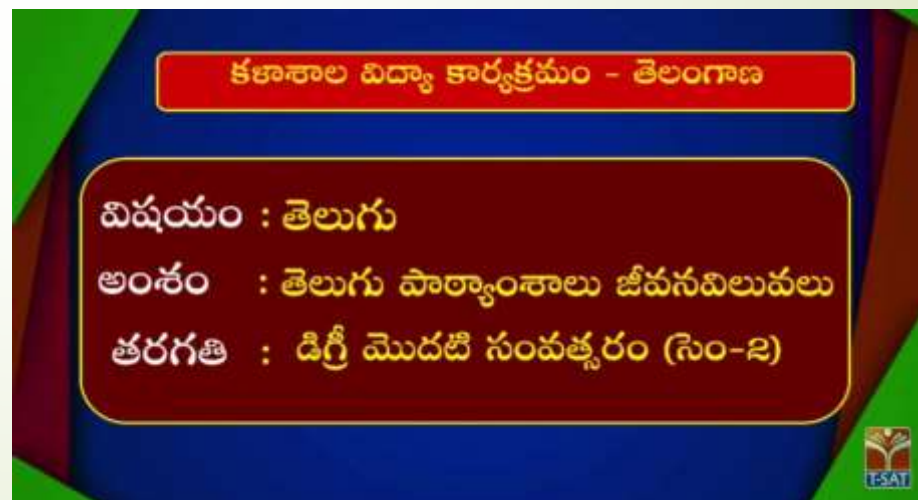
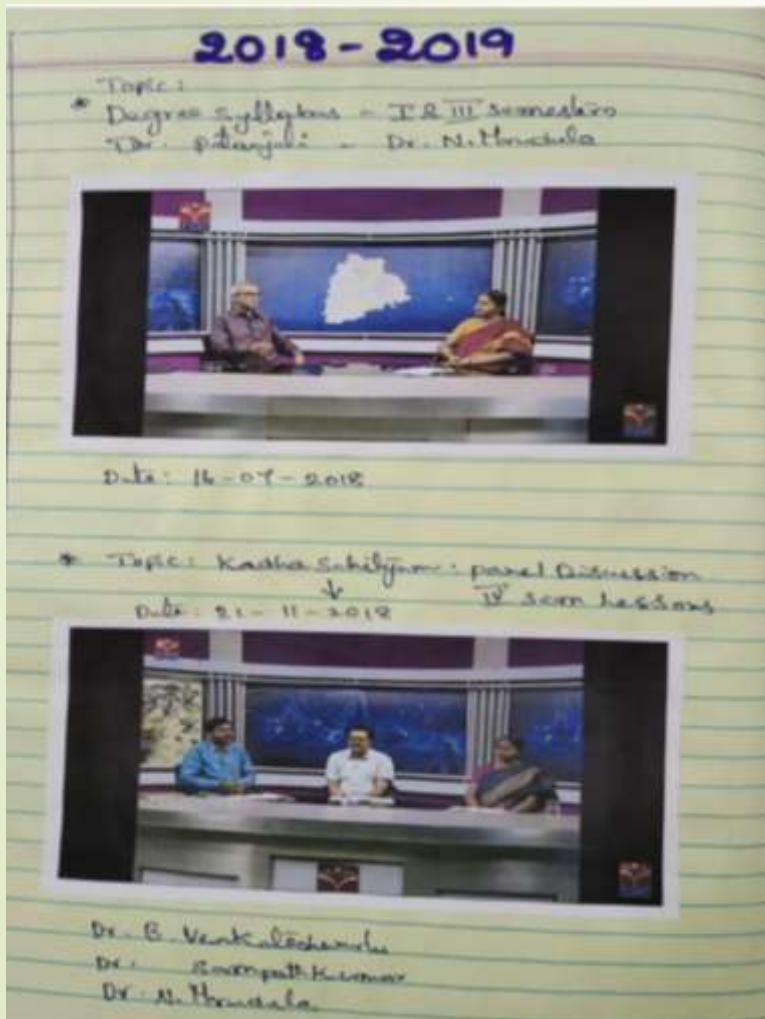
Jivika Sugar Factory, Sitharampur (V), Narsapur (M)



T-SAT (MANA TV) NIPUNA: From our college, a few lectures and students were selected for T-SAT Nipuna. They delivered their lectures effectively through the T-SAT live telecasts.

Dr.N. MRUDULA, Asst. Prof. of Telugu

D. VIJAYALAXMI, STUDENT



In Yuvatharangam 2017, I was awarded for the category, “**Best College in Utilizing T-SAT Facilities and Reporting**” for the academic year **2016-2017** while I was working at GDC Medak



RESEARCH ACTIVITY

- The following projects were done by students under research work.
 - Determination of Hardness of water in water samples
 - Preparation of Bio-fertilizer from kitchen waste.
 - The contents present in cold drinks.

Determination of hardness of water samples (STUDENT STUDY PROJECT)



INFRASTRUCTURE

Chemistry Department has set up a lab within classroom utilizing available infrastructure to facilitate practicals for students .

- Lab is well equipped with required amount of chemicals and glassware.
- Computer with internet facility.
- Charts and PPTs.
- Fire extinguisher.
- Department provides notes, text books, study materials and previous question papers.

STUDENTS IN CHMISTRY LABORATORY

DEPARTMENT OF CHEMISTRY



STUDENT SUPPORT PROGRAMMES

Feedback on all activities:

- Feedback from the students is taken for all the activities from time to time and it is analyzed.
- Steps are taken to improve the quality of activities in due course of time.
- Suggestions from the students are consolidated and implemented for their benefit.

CAREER GUIDANCE :

- Students approach the department for their future career guidance, they are advised to choose different career choices.
- Students are motivated for higher studies such as P.G, B. Ed courses and other competitive exams.

ORGANIZATION & MANAGEMENT

- Departmental meetings are conducted regularly to check out the action plan of the department.
- I involve actively in committees of the college to help the college administration and for the college development.
- Lecturer updates his knowledge by attending Refresher course, Orientation course, Workshops and Seminars.
- Students involve in the community service through various programs like Haritha Haram, Swacch Kalasala, Awareness programs on World water day, World forest day, International Yoga day and NSS etc.,

COMMUNITY SERVICE





Mohammadabad @ Janakampet
Telangana
India
35°C
95°F
2022-03-21 (Mon) 02:45 (PM)

Mohammadabad @ Janakampet, Telangana, India
Address: Govt. Degree College, Narsapur, Medak Dist., Jr. college Building Narsapur, Medak Dist. pin 502313ts., Padda Chinta Kanta Village, Medak Road, Man. Narsapur, Medak Dist. Pin No. Mohammadabad @ Janakampet, Telangana 502313, India
Lat 17.7602°
Long 78.266163°
26/04/22 12:46 PM



FUTURE PLAN

- To plan for separate room for lab.
- To purchase latest necessary equipment for laboratories.
- To purchase latest reference books.
- To establish a Chemistry Club with the neighbouring college lecturers to improve skills regarding the syllabus.
- To provide PG entrance coaching for students and encourage them for higher studies.
- To guide the students for job opportunities.

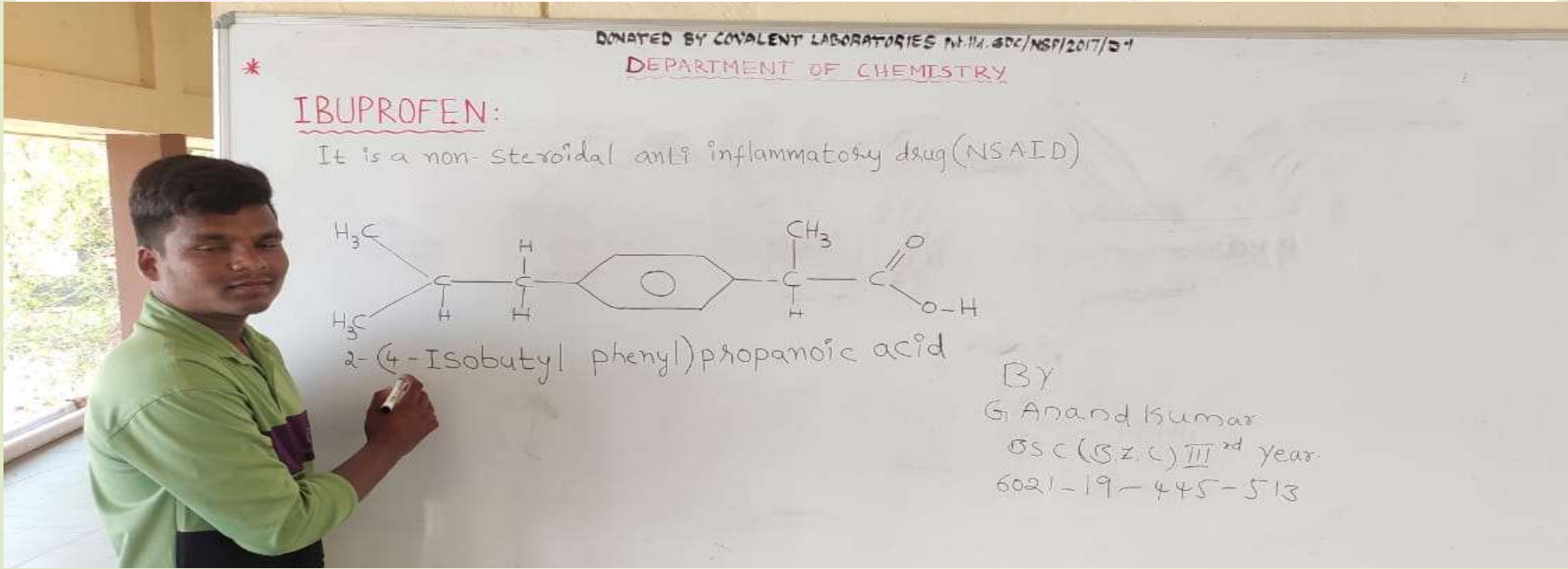
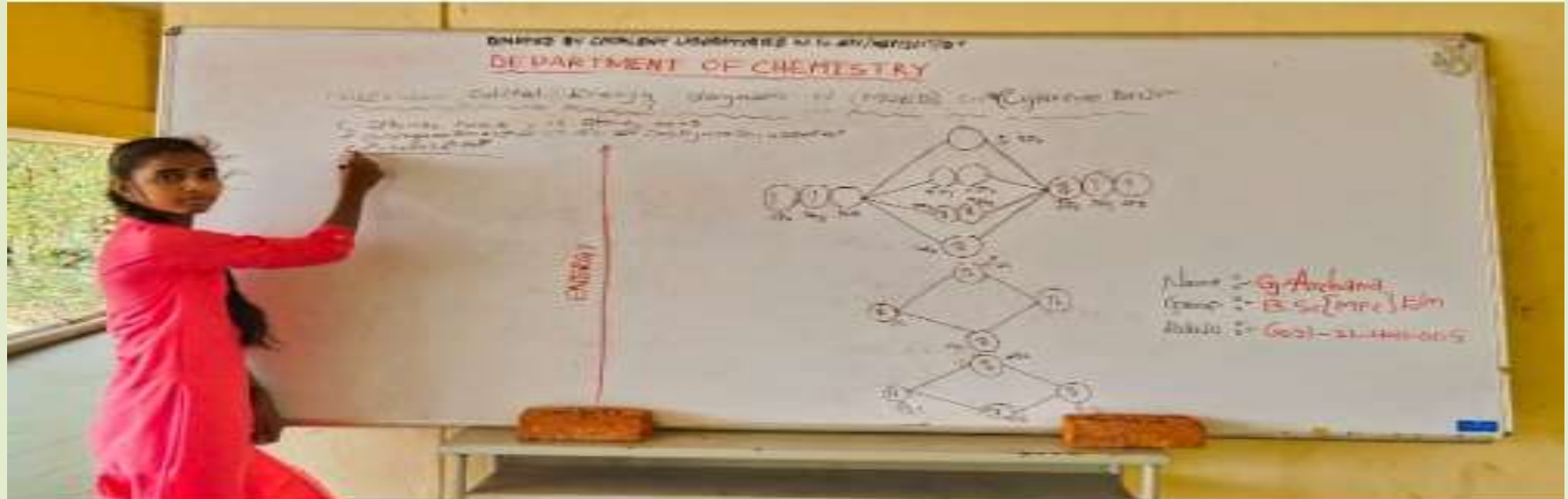
BEST PRACTICES

- Remedial classes for academically backward students.
- Study Projects are assigned to bright students every year.
- Group discussion and Quiz Programs are conducted to improve the peer learning.
- Student Seminars are organized to improve comprehension and presentation skills.
- **“SANDEHA NIVRUTHI PETIKA”** to clarify the doubts of students, for those students who can't ask their doubts in the class room.
- Computer with free Internet Access.
- Weekly twice students write one chemical equation on college notice board which helps them to improve knowledge.

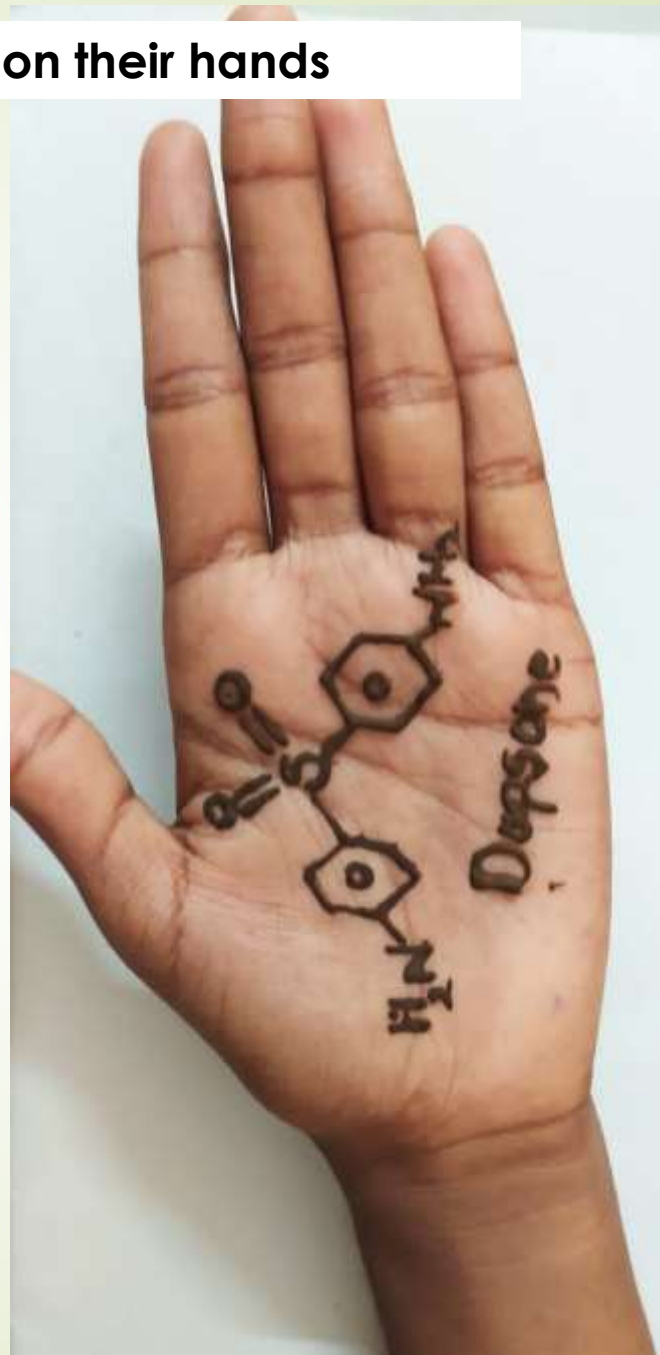
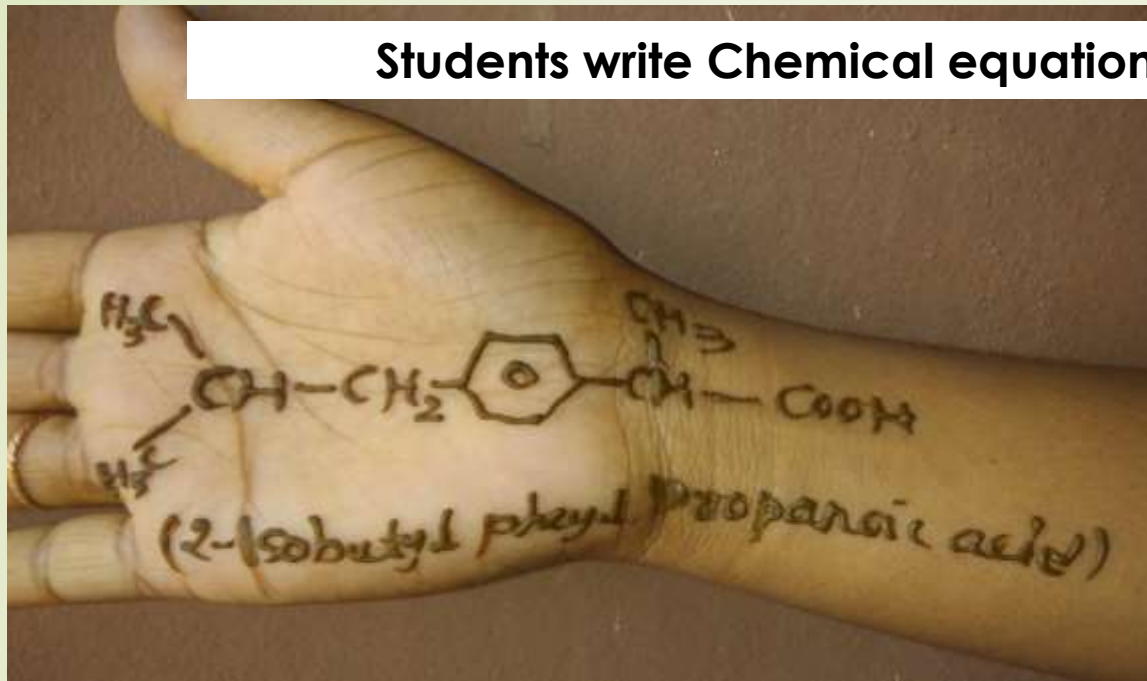
DOUBTS CLARIFICATION BOX (SANDEHA NIVRUTHI PETIKA)



WRITING CHEMICAL EQUATION ON THE DEPARTMENT NOTICE BOARD



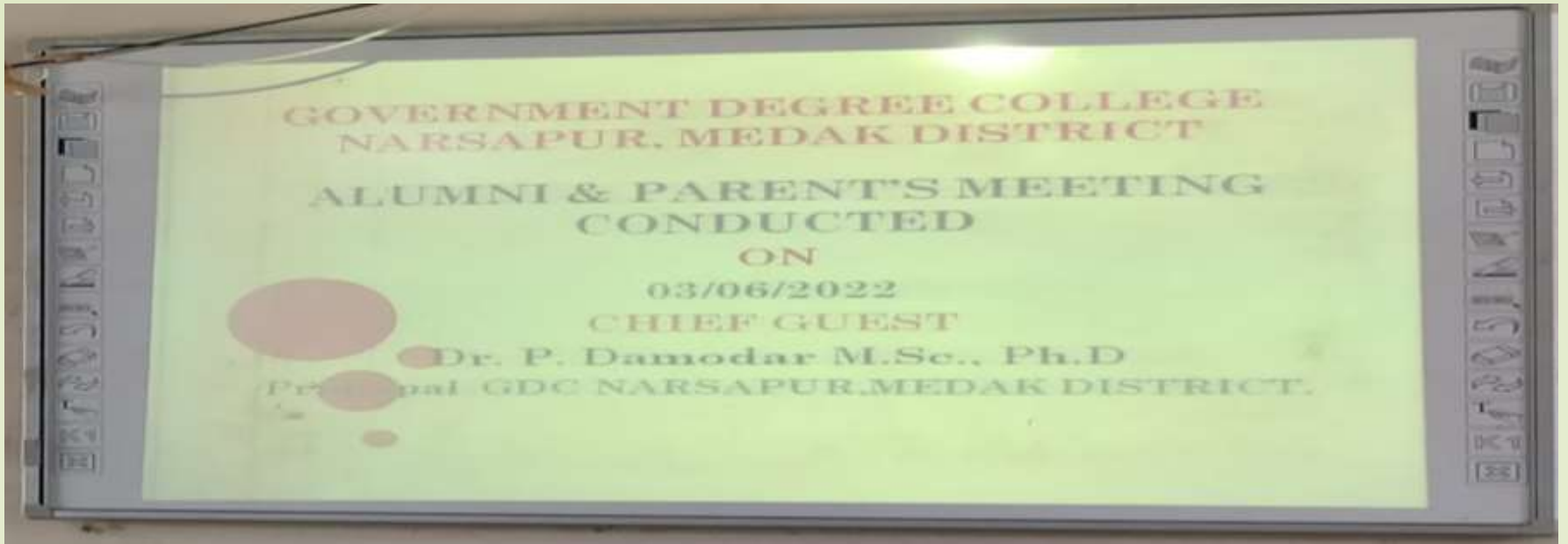
Students write Chemical equation on their hands



ALUMNI**SELECTED CANDIDATES FOR P.G AND B. Ed**

S. No	NAME OF THE CANDIDATE	COURSE / SUBJECT	Present Status
1	G. DURGA PRASAD (Degree: 2017 – 20)	M.Sc Chemistry (Org)	Tara Govt. Degree & PG College, Sangareddy
2	D. VIJAYA LAKSHMI (Degree: 2017 – 20)	M.Sc Chemistry (Org)	Govt. PG College, Narsapur
3	T. CHANDRA TEJA (Degree: 2018 – 21)	M.Sc Chemistry (Org)	Govt. PG College, Narsapur
4	M. VINOD KUMAR (Degree: 2017 – 20)	M.Sc Zoology	Govt. Degree & PG Siddipet
5	G. ANUSHA (Degree: 2017 – 20)	MA Psychology	Nizam College, Hyderabad
6	V. PAVANI (Degree: 2018 – 21)	MA	Hyderabad
7	V. KALPANA (Degree: 2017 – 20)	B.Ed	Shanaz College of Education

ALUMNI





THANK YOU