

TELANGANA SOCIAL WELFARE RESIDENTIAL ARMED FORCES  
PREPARATORY DEGREE COLLEGE FOR WOMEN, BHONGIR YADARI  
BHONGIR (DIST) TELANGANA

Affiliated to Mahatma Gandhi University, Nalgonda

DEPARTMENT OF ENGLISH

CHART PRESENTATION

Academic year: 2022-23

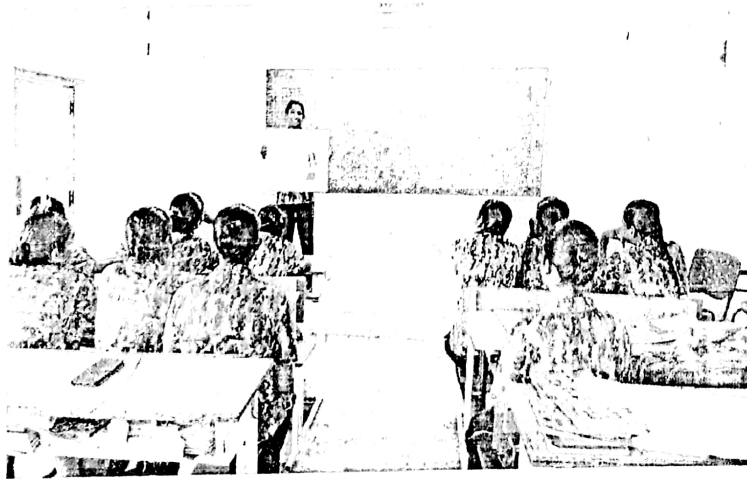
Name of the Students : U.Sirichandana, Nikitha, R.Ashwini

Group: IMA-I

Chart Presentation Topic: BANGLE SELLERS-SAROJINI NAIDU

We have taken U.Sirichandana, Nikitha, R.Ashwini from IMA-II for topic Bangle Sellers and Author Sarojini Naidu. Students Recited about the poem regarding the celebration of womanhood. This poem explains the role of bangle sellers in the traditional setup. The speaker describes the beauty of bangles and their values to a womens life.

Date : 15-04-2023



*[Signature]*

Principal

PRINCIPAL  
T.S.W.R.A.F.P.D.C.W  
BHONGIR.

*[Signature]*

Dept of English

HEAD  
Department of English  
TSWRAFPDCW, Bhongir

TELANGANA SOCIAL WELFARE RESIDENTIAL ARMED FORCES  
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DEPARTMENT OF ENGLISH

### CHART PRESENTATION

Academic year : 2022-23

Name of the Students : M.Akshitha , M.Samyuktha , T.Roja

Group : MPC III B

Chart Presentations Topic: Vocabulary-Picture vocabulary

It is a method that helps learners improve their vocabulary by using graphic tools. It also keeps the learners interested in the process. The learners look the image and they explain on their own. So that a lot of communication will be improved.

Date : 04-01-2023



Principal

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Dept of English

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DEPARTMENT OF ENGLISH

CHART PRESENTATION

Academic year: 2022-23

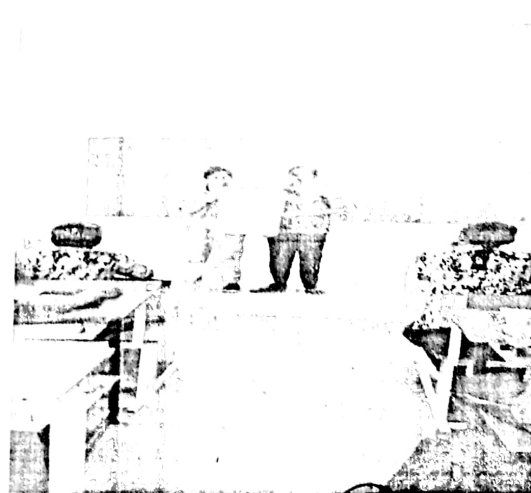
Name of the Students : B.Shireesha, B.Indhu, S.Vani

Group: MPC II

Chart Presentations Topic: Conjunctions

Conjunctions are words used to connect single words such as nouns, verbs, adjectives and adverbs or groups of words in a sentence. They are also used to join clauses, or short sentences, in a single sentence. Conjunctions are of three kinds: coordinating, correlative and subordinating. Students have described about the given topic in detail with their peer groups.

Date : 10-12-2022



Principal

PRINCIPAL

T.S.W.A.F.P.D.C.W

T.S.W.A.F.P.D.C.W

BHONGIR.

Dept of English

HEAD

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BHONGIR (DIST), TELANGANA.

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DEPARTMENT OF ENGLISH



CHART PRESENTATION

**Academic year:** 2019-20

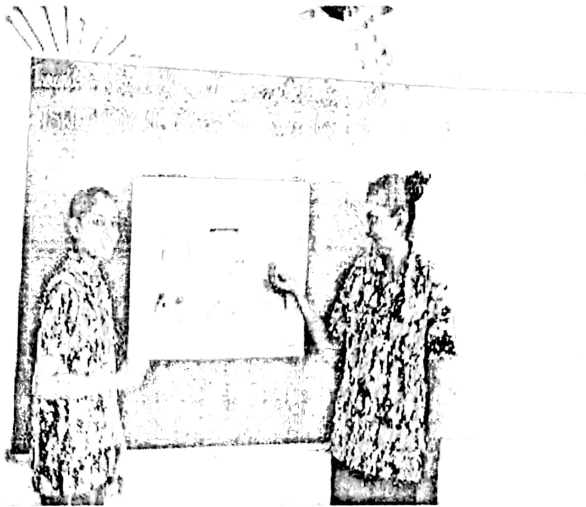
**Name of the Students :** Ch.Veena, G. Akruthi, N.Vyshnavi

**Group:** BZC - I

**Chart Presentation Topic:** Conversation and Role play about Introducing Oneself in Formal or Social contexts.

It involves two people who act out how a conversation should look and sound among actual people in an actual situation. Interview practices have done.

**Date:** 13-8-2019





*K.S.*

Principal

PRINCIPAL  
T.S.W.R.A.F.P.D.C.W  
BHONGIR.

*D.S.*

Dept of English

**HEAD**  
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## DEPARTMENT OF TELUGU

### Chart Presentations

**Academic year : 2022-23**

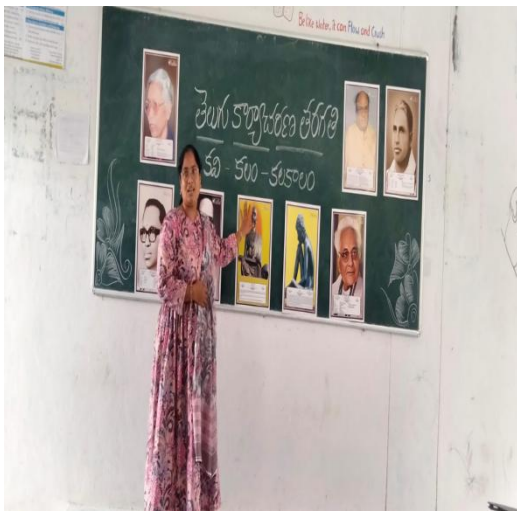
**Name of the Students : K.Srishanthi , Ch.Venkateshwaramma , M.Maneesha .**

**Group : B.COM II**

**Chart Presentations Topic : కవి - కలం - కలకాలం**

K.శ్రీ శాంతి , Ch .వెంకటేశ్వరమ్మ M. మనిషా అనే B. Com III విదార్థినిలు డిగ్రీ ప్రథమ సంవత్సరం , దిట్టీయ సంవత్సరం తెలుగు పాఠశ్ఠుస్థకాలలోని వివిధ కవుల యొక్క చిత్రపటాలను సేకరించారు . వాటిని తరగతి గదిలో ప్రదర్శించారు . " కవి- కలం -కలకాలం " అనే పేరుతో ఈ ప్రదర్శనను ఏర్పాటు చేశారు. ఈ చిత్రపటాలలో ఆ కవికి సంబంధించిన రచనలు, కాలం ,ప్రాంతం , సాహిత్యసేవ పొందుపరిచి ఉన్నాయి. తరగతిగది విదార్థినులందరూ ఆ చిత్రపటాలను చూస్తూ కవుల యొక్క రచనలను , సాహిత్యసేవను తెలుసుకున్నారు .

**Date : 7-12-2022**





*Rana Dny*  
 7/12/22  
**H.O.D**  
 Department of Telugu  
 TSWRAFP Degree College (W)  
 Dist: Bhongir

*[Signature]*  
 7/12/2022  
**LECTURER**  
 Department of Telugu  
 TSWRAFPDCW Bhongir.



*K. S.*  
**PRINCIPAL**  
 T.S.W.R.A.F.P.D.C.W  
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**DEPARTMENT OF TELUGU**

### Chart Presentations

**Academic year : 2022-23**

**Name of the Students : M.Akshitha , M.Samyuktha , T.Roja**

**Group : MPC II B**

**Chart Presentations Topic : గజల్స్ రుబాయిలు**

విదార్థినులు గజల్స్ రుబాయి అనే ఉర్దూ కవిత్వ శైలిని గురించి, కొన్ని ప్రముఖుల గజల్స్ రుబాయిలను చార్టుల ద్వారా తరగతి గదిలో ప్రదర్శించారు. చార్టులను ప్రదర్శిస్తూ మిగిలిన విదార్థులకు వివరించారు.

**Date : 27-10-2022**





**చదువు కనీసాచూపాలి**

**రుణాలు లక్షణాలు**      **గణిత లక్షణాలు**

1) మూలం చుట్టూ తిరిగి చూడవలసి.      1) గుణకం వలన వచ్చే ధనం, రుణం, సున్నం లక్షణాలు గుర్తించాలి.

2) గుణకం పాఠాలి ముగిసి ముగ్ధం.      2) గుణకం పాఠాలి ముగిసి ముగ్ధం.

3) (మేటి పాఠాలి ఏమంటే మూలం అంటారు. 3) మేటి పాఠాలి ఏమంటే మూలం అంటారు. 5, 7, 11... ఇలాంటి ప్రధాన లక్షణాలు.

4) మూలం వచ్చే చుట్టూ తిరిగి చూడాలి.      4) మూలం వచ్చే చుట్టూ తిరిగి చూడాలి.

5) చుట్టూ తిరిగి చూడాలి.      5) చుట్టూ తిరిగి చూడాలి.

6) రుణం వచ్చే చుట్టూ తిరిగి చూడాలి.      6) రుణం వచ్చే చుట్టూ తిరిగి చూడాలి.

7) మేటి పాఠాలి ఏమంటే మూలం అంటారు.      7) మేటి పాఠాలి ఏమంటే మూలం అంటారు.

8) మూలం వచ్చే చుట్టూ తిరిగి చూడాలి.      8) మూలం వచ్చే చుట్టూ తిరిగి చూడాలి.



*Rana* 27/10/22  
**H.O.D**  
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 Dist: Bhongir

*[Signature]* 27/10/22  
**LECTURER**  
 Department of Telugu  
 TSWRAFPDCW Bhongir.

*[Signature]*  
**PRINCIPAL**  
 T.S.W.R.A.F.P.D.C.W  
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**DEPARTMENT OF TELUGU**

### Chart Presentations

**Academic year : 2021-22**

**Name of the Students : V.Divya , K.Poojitha , K.Keerthana**

**Group : MPC II C**

**Chart Presentations Topic : తెలంగాణ -జాతరలు**

V.దివ్యK. పూజిత , K.కీర్తన అనే MPC -III -C విదార్థినులు తెలంగాణ జాతరలు అనే అంశంపై గోడపత్రికను రూపొందించారు . వీరు రూపొందించిన గోడపత్రికను తరగతి గదిలో ప్రదర్శిస్తూ తెలంగాణలో గల ఒకొక్కజాతర యొక్కప్రాముఖ్యతను మిగిలిన విదార్థులందరితో పంచుకున్నారు .

**Date : 25-11-2021**



*Poojitha*  
25/11/21

**H.O.D**  
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TSWRAFP Degree College (W),  
Dist: Bhongir

*Bha*  
25/11/21  
**LECTURER**

Department of Telugu  
TSWRAFPDCW Bhongir.



*K. Keerthana*  
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**DEPARTMENT OF TELUGU**

### Chart Presentations

**Academic year : 2019-20**

**Name of the Students : Ch.Veena , G. Akruthi , N.Vyshnavi**

**Group : BZC - I**

**Chart Presentations Topic : పాత కాలపు ఆటలు - ఆరోగ్య**

Ch.వీణ , G.ఆకృతి, N. వైష్ణవి అనే BZC -I విదార్థులు " పాతకాలపు ఆటలు ఆరోగ్య" అనే అంశాన్నింపిక చేసుకొని గోడపత్రికలను రూపొందించారు . వారు రూపొందించిన ఈ గోడ పత్రికలు తరగతి గదిలో ప్రదర్శించారు . గ్రామీణ ప్రాంతాలలో బాల్యంలో పిల్లలు ఆడుకునే పాతకాలపు ఆటల గురించి మిగిలిన విదార్థులకు వివరించారు . ఆటల యొక్క ప్రాముఖ్యతను తెలియ జేశారు . ఆ కాలపు ఆటల యొక్క అంతరాన్ని ఆటల వలన పొందే ఆరోగ్యక్షోభాడా ఈ సందర్భంగా మిగిలిన విదార్థులతో పంచుకున్నారు .

**Date : 13-8-2019**



*Rama Devi*  
13/8/2019  
**H.O.D**  
Department of Telugu  
TSWRAFP Degree College (W)  
Dist: Bhongir



*Rama Devi*  
**PRINCIPAL**  
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DEPARTMENT OF PHYSICS

(Poster Presentation)

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1) Poster presentation

**Topic:** Sir CV Raman inventions and other Physics topics

**Occasion:** National Science Day

**Date:** 28<sup>th</sup> February 2023

**Time:** 12.00 am to 2.00 pm

**Organizers:** K. Spandana, HOD, Dept. of Physics, K. Divya Prasanna (Faculty of Physics)

**Description:** National Science Day is celebrated in India on February 28<sup>th</sup> each year to mark the discovery of the **Raman effect** by Indian physicist **Sir C. V. Raman** on February 28, 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930. The theme of National Science Day 2020 is "**Women in Science**". In assembly time (8.45 am) Physics and other science department pay to tribute to Sir C.V. Raman and K. Spandana, Principal, HOD, addressed the student gathering. On this special occasion Department of physics conducted poster presentation on Sir CV Raman invention and other Physics related inventions.

**Program:**

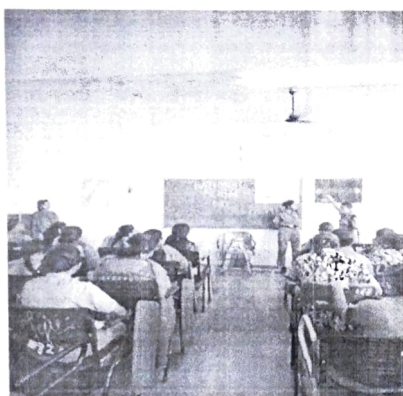
The program started with welcome note of Principal, HOD, Department of Physics K. Spandana. She enlightened the inventions of the Sir CV Raman and other Physicists. She also explained the significance of physics in our daily life and motivated the students to take research in science as career. In view of the National science day, MPC second year students enthusiastically participated in Post presentation activity and they presented posters and explained clearly about the same. More than 100 students attended and faculty attended the program and they have gone through the all the posters presented by students. Judges from faculty evaluated the posters and best performers were awarded with prizes to encourage them. K. Divya Prasanna, faculty of physics gave vote of thanks.

First best poster: Soumya, Salini Priya, MPC IIA

Second best poster: Shanvitha, Manasa, MPC II B

Third best poster: Sadiya Mahin, Madhavi, MPC II C

**Pictures related to National Science day (Poster presentation):**



*K.S*  
 Head, Dept. of Physics  
 TSWRAFPDCW, Bhongir  
 Department of Physics  
 TSWRAFPDCW, Bhongir

*[Signature]*  
 Principal  
 TSWRAFPDCW, Bhongir

PRINCIPAL  
 T.S.W.R.A.F.P.D.C.W  
 F

## 2: National Science Day Celebration

**Topic:** Live models, Science Projects, Poster presentation

**Occasion:** National Science Day

**Date:** 28<sup>th</sup> February 2024

**Time:** 10.00 am to 1.00 pm

**Organizers:** K. Spandana, M. Ramya (Faculty of Physics)

**Description:** National Science Day is celebrated in India on February 28<sup>th</sup> each year to mark the discovery of the **Raman effect** by Indian Physicist **Sir C. V. Raman** on February 28, 1928. For his discovery, Sir C.V. Raman was awarded the Nobel Prize in Physics in 1930. The theme of National Science Day 2024 is "**Indigenous Technologies for Viksit Bharat**". In assembly time (8.45 am) Physics and other science department pay tribute to Sir C.V. Raman and Principal, K. Spandana, HOD, addressed the student gathering and explained the importance of National Science Day. On this special occasion Department of physics conducted poster presentation, science exhibition on Physics related topics and inventions.

### **Program:**

#### **Science exhibition:**

The Program was inaugurated by the Principal and Director (MT). Principal addressed the gathering and enlightened the students by discussing the Raman effect and new researches in science. K. Spandana explained the importance of National Science Day. K. Poojitha a student of MPC III B has given the talk on National Science Day and Raman effect under the guidance of M. Ramya. In view of this program, science exhibition was organized by the Department of Physics along with other science departments.

Students presented posters, live models and projects with a very interactive explanation with great spirit. Principal, Director, staff and the students explored all the models/projects/posters. They were blended with participant's confidence, presentation skills, enthusiasm.

Principal appreciated the faculty for mentoring the students in preparing and guiding the science projects. He applauded the students for their efforts in making the event a grand success.

pictures related to National Science day :



*K. S.*

Head, Dept. of Physics  
TSWRAFPDCW, Bhongir  
**HEAD**  
Department of Physics  
TSWRAFPDCW, Bhongir

*R.S.W.*

Principal  
TSWRAFPDCW, Bhongir

TSWRAFPDCW  
BHONGIR



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**DEPARTMENT OF CHEMISTRY**

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## Poster Presentation

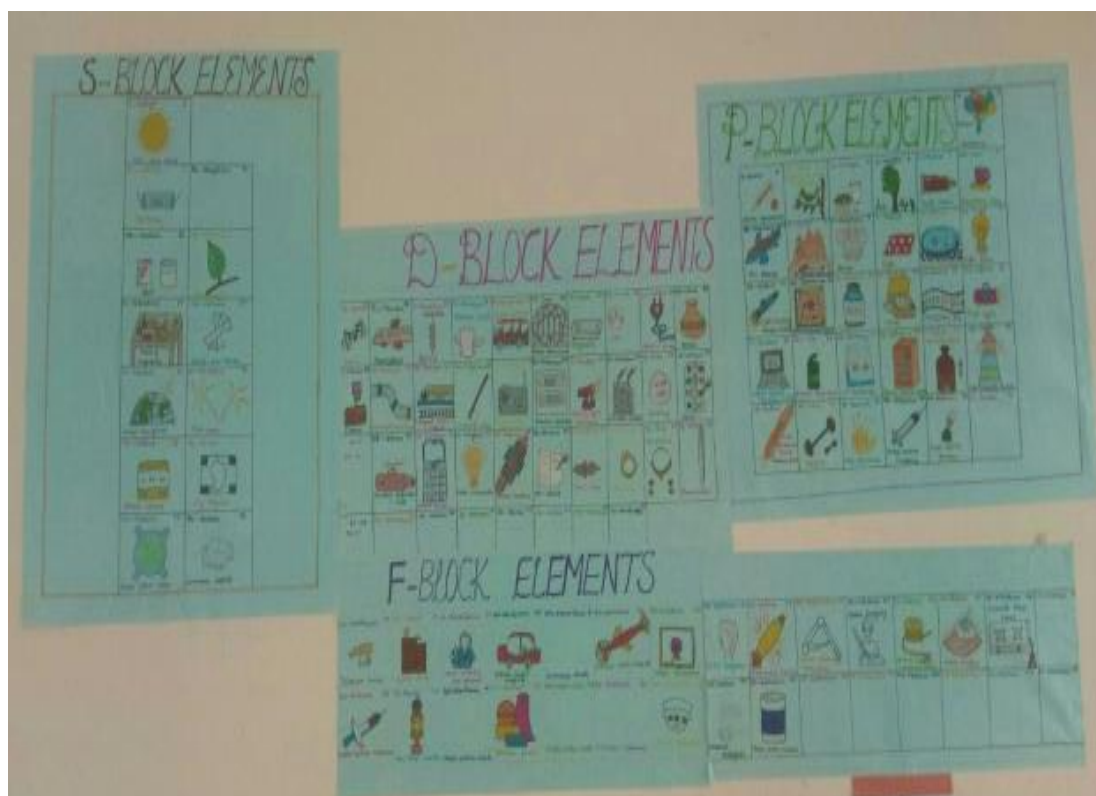
**Academic year : 2018-2019**

**Name of the Students : M.Kavya,I.Shirisha,B.Poojitha**

**.Group : MZC II year**

### **Creative activities of students:**

Department of chemistry encouraged students of our college to learn with hands-on experience by making creative charts, 2D models and 3D models related to chemistry.





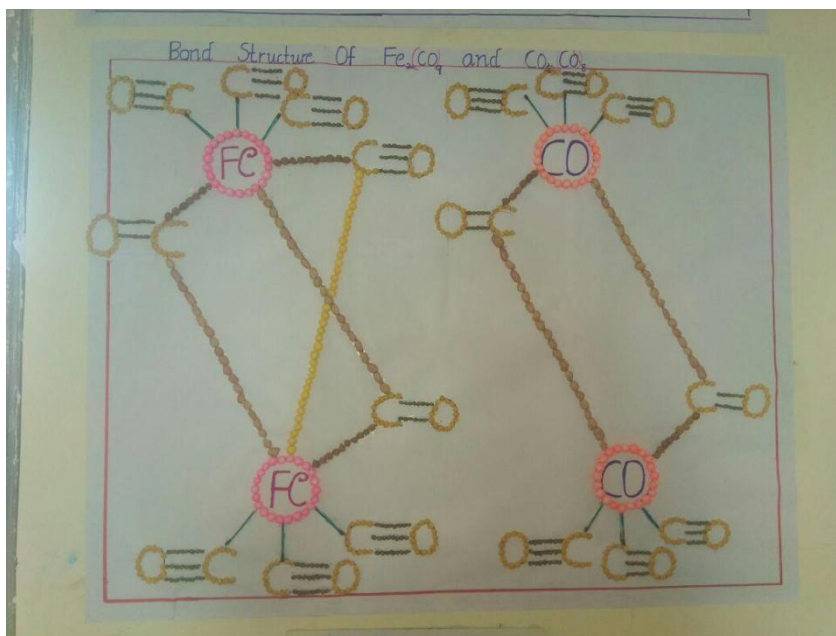
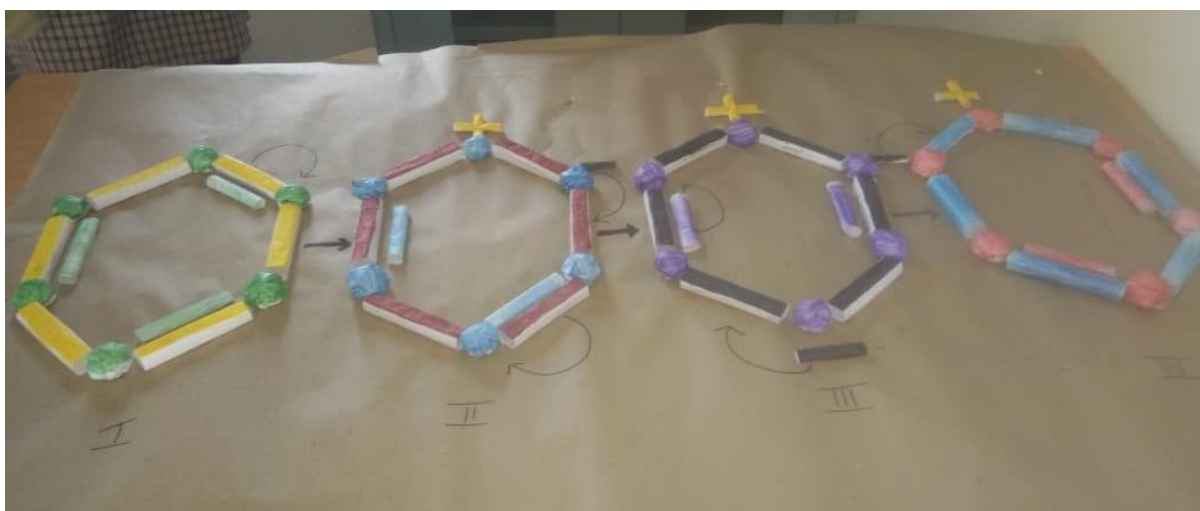




Chart representing Carbonyl complexes of metals using pulses



Thermocol model of resonance structures of benzene by Revathi,

MZC II year

  
 Department sign.  
**HEAD**  
 Department of Chemistry  
 TSWRAFPDCW, Bhongir

  
**PRINCIPAL**  
 T.S. Anurag P.D.C.W  
 BHONGIR.



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**DEPARTMENT OF CHEMISTRY**

## Poster Presentation

**Academic year : 2019-2020**

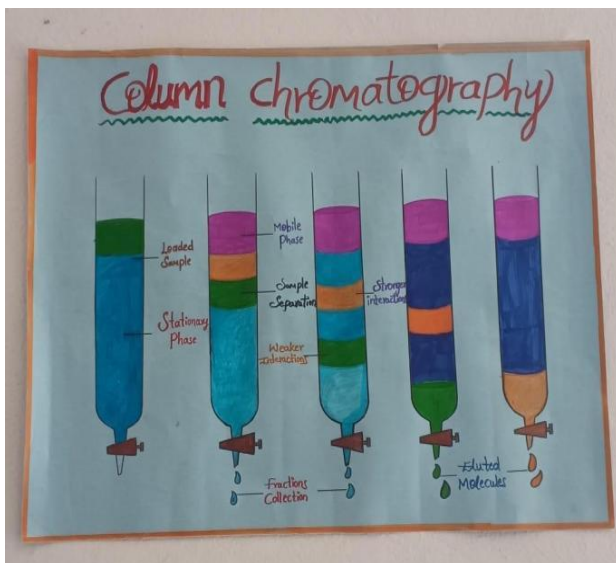
**Name of the Students : Varsha,Pooja,  
Saichandana,Shailaja,Sushmitha,Shivamani,Anitha**

**Group : MPC-I**

### **Creative activities of students:**

Department of chemistry encouraged students of our college to learn with hands-on experience by making creative charts representing functional groups in organic chemistry, chromatography types like paper chromatography, column chromatography





**Chemistry Laboratory Safety Rules**

Never put your face over the opening of a container that holds a chemical.

Wear safety goggles and lab coat.

Wear gloves when necessary.

Do not eat, drink (or) apply cosmetics in the laboratory.

Do not use the extinguisher in case the hazard is not controlled by the lecturer.

Unless instructed by the lecturer, do not eat, drink (or) apply cosmetics in the laboratory.

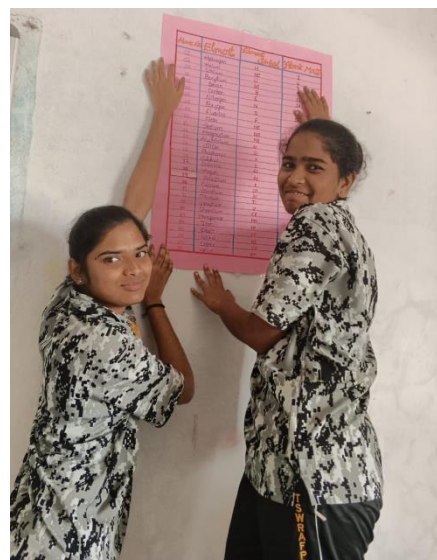
Always keep the laboratory in a clean and orderly manner.

Ask the lecturer about how to dispose of waste.

Use care when working with acids which mixing acids with water.

Pour acid into the water slowly.

All containers must have appropriate labels. Unlabelled chemicals should never be used. Never leave containers of chemicals open.



Dr. Nirmala  
 Department sign.  
**HEAD**  
 Department of Chemistry  
 TSWRAFPDCW, Bhongir

*J. S. W.*  
 PRINCIPAL  
 T.S.W.R.A.F.P.D.C.W  
 BHONGIR.



TELANGANA SOCIAL WELFARE RESIDENTIAL  
ARMED FORCES PREPARATORY DEGREE COLLEGE  
FOR WOMEN, BHONGIR YADADRI BHONGIR (DIST),  
TELANGANA, 508126



Affiliated to Mahatma Gandhi University, Nalgonda

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**DEPARTMENT OF CHEMISTRY**

## Poster Presentation

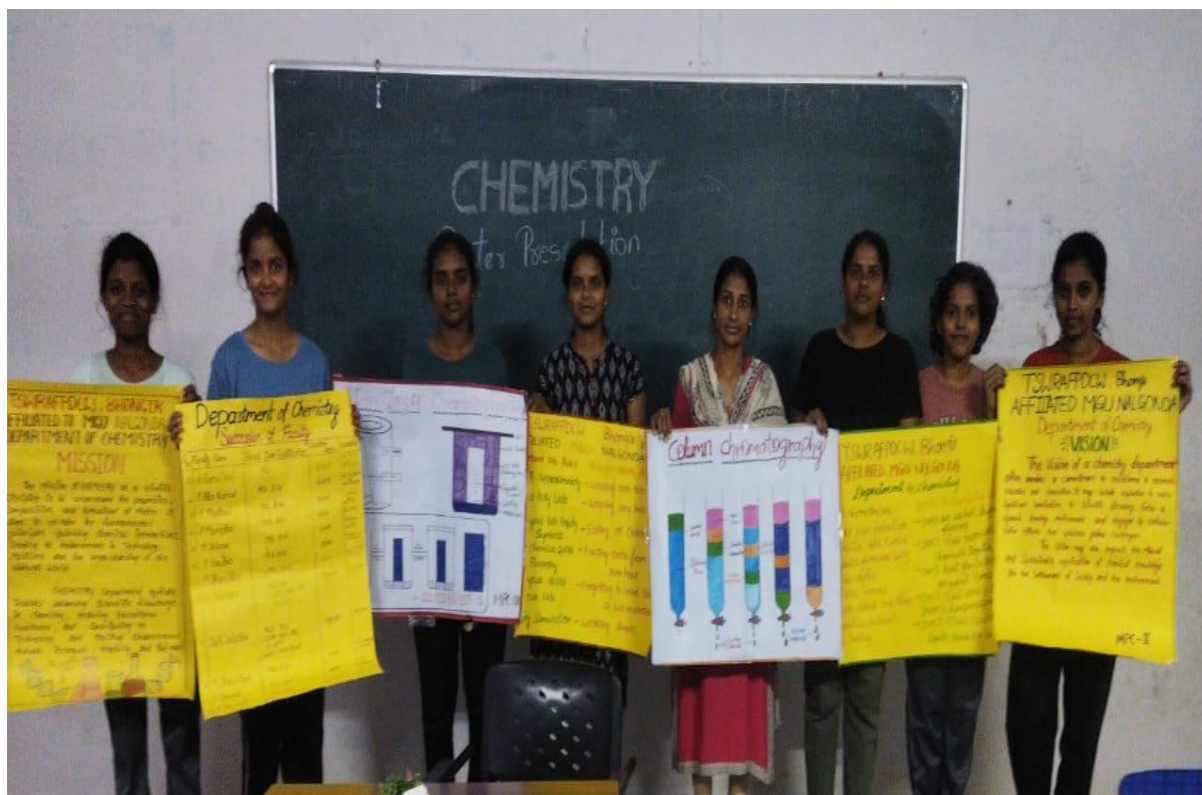
**Academic year : 2021-2022**

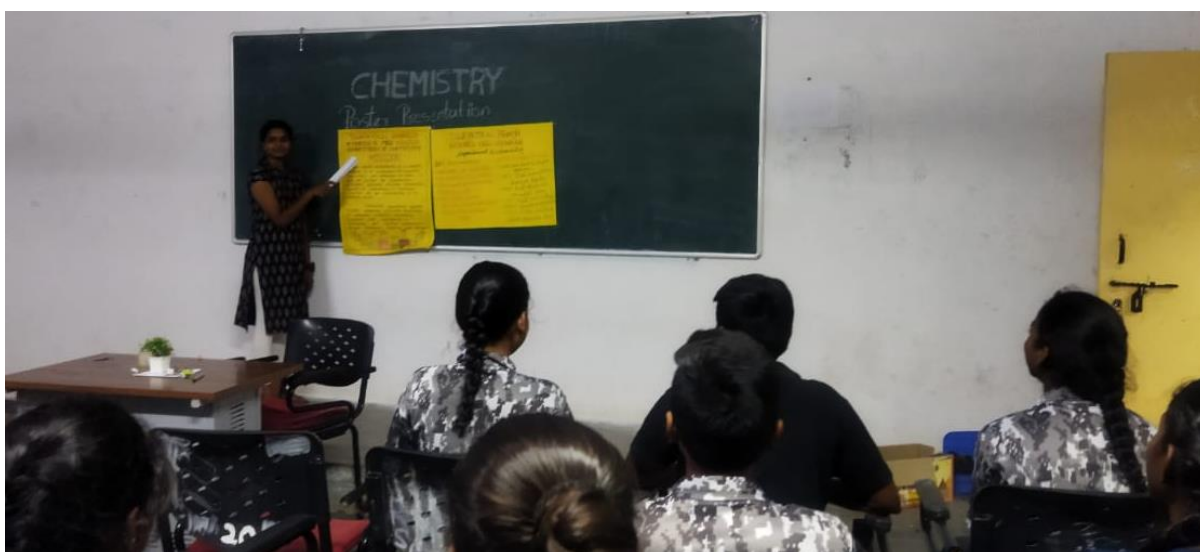
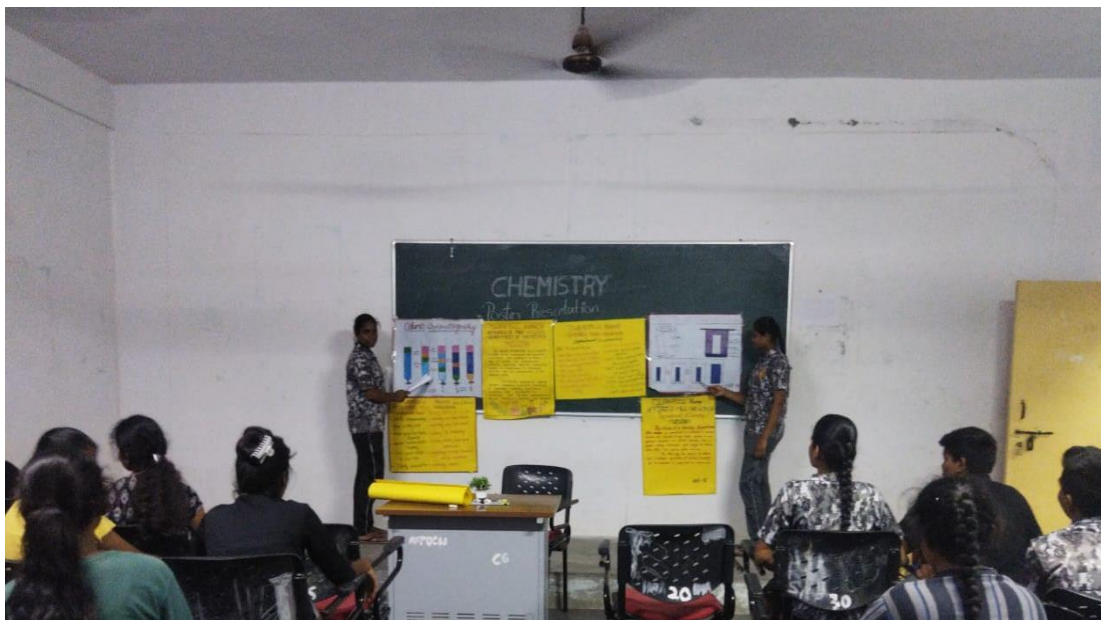
**Name of the Students :**

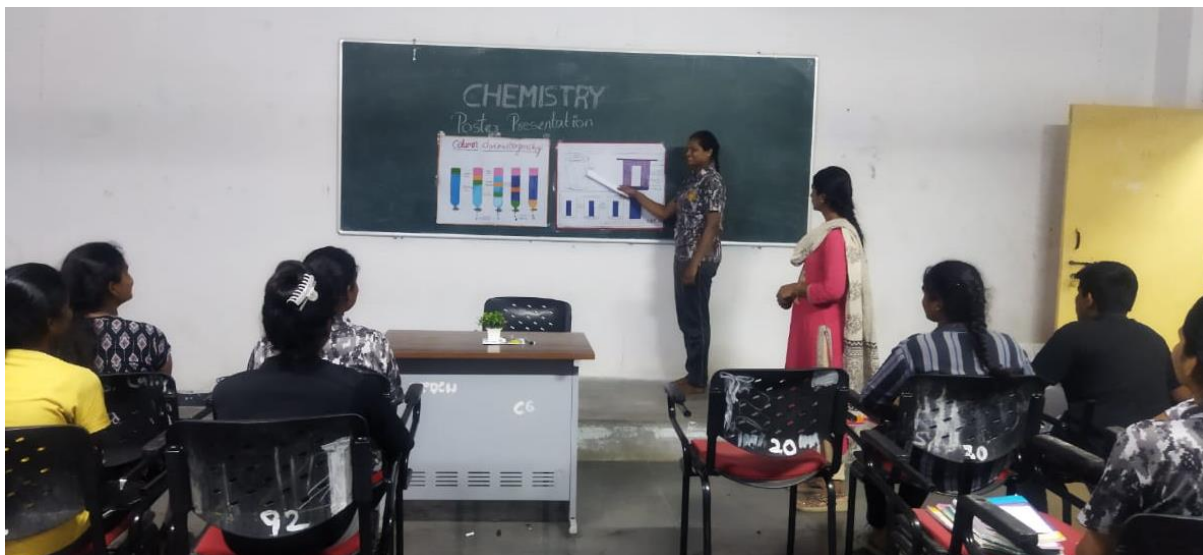
G.Tharani,S.Jhansi,K.Sahithi,M.Niharika,A.Varshitha,S.Tejasree,M.Sindhuja

**Group : MPC**

**Creative activities of students:** Department of chemistry encouraged students of our college to learn with hands-on experience by making creative charts







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**DEPARTMENT OF CHEMISTRY**

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## Poster Presentation

**Academic year : 2022-2023**

**Name of the Students :**

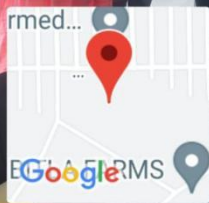
B.Shanvitha,Ch.Sreeja,G.Laxmiprasanna,D.Mallika,K.Swathi,N.Divya,G.Kaveri

**Group : MPC-II**

**Creative activities of students:**

Department of chemistry encouraged students of our college to learn with hands-on experience by making creative charts & Poster presentations





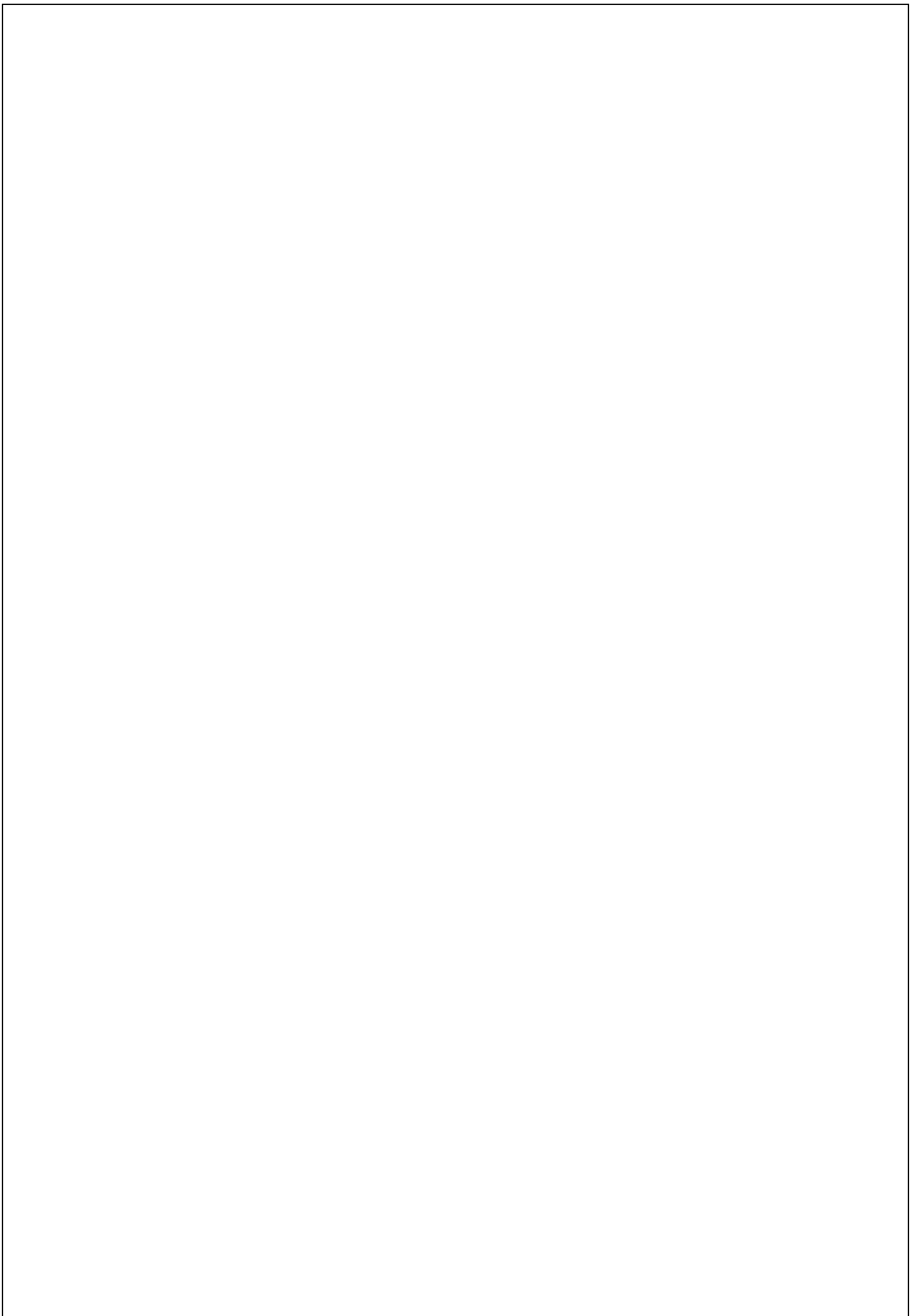
Padamati Somaram, Telangana, India  
 Unnamed Road, Padamati Somaram, Telangana 508126, India  
 Lat 17.440839°  
 Long 78.801827°  
 07/09/22 03:22 PM



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**PRINCIPAL**  
**T.S.W.R.A.F.P.D.C.W**  
**BHONGIR.**







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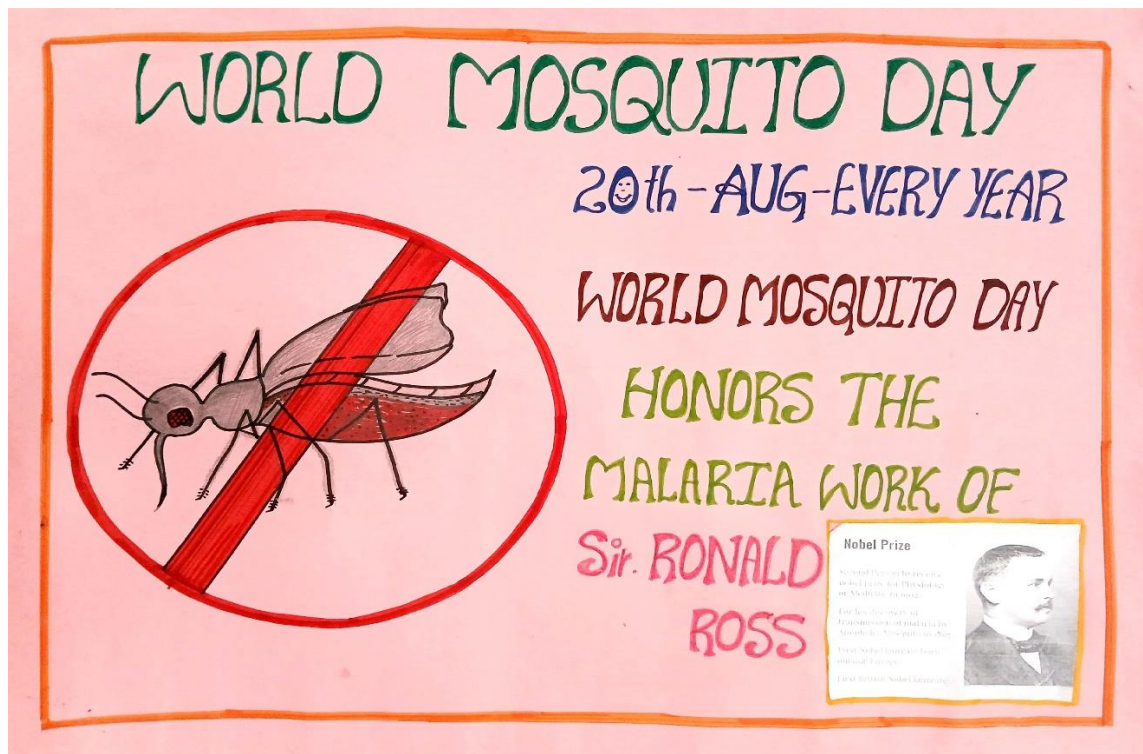
[Website: https://rdcwbhongir.tswreis.ac.in](https://rdcwbhongir.tswreis.ac.in)



## Department of Zoology

### Poster Presentations

1. **World Mosquito Day**, observed on **August 20th**, commemorates the discovery by Sir Ronald Ross in 1897 that mosquitoes transmit malaria. The Department of Zoology, TSWRAFPDCW, Bhongir has raised awareness about the dangers of mosquito-borne diseases like malaria, dengue, and Zika, which affect millions worldwide by making a poster presentation on malaria day which is observed on 20<sup>th</sup> August every year. BZC&MZC Students highlighted the ongoing efforts in research, prevention, and control of these diseases to the other students and Faculty. Public health organizations use this day to promote initiatives to reduce mosquito populations and protect communities from infections.



## 2. Identification of Zoogeographical regions – Posters preparation

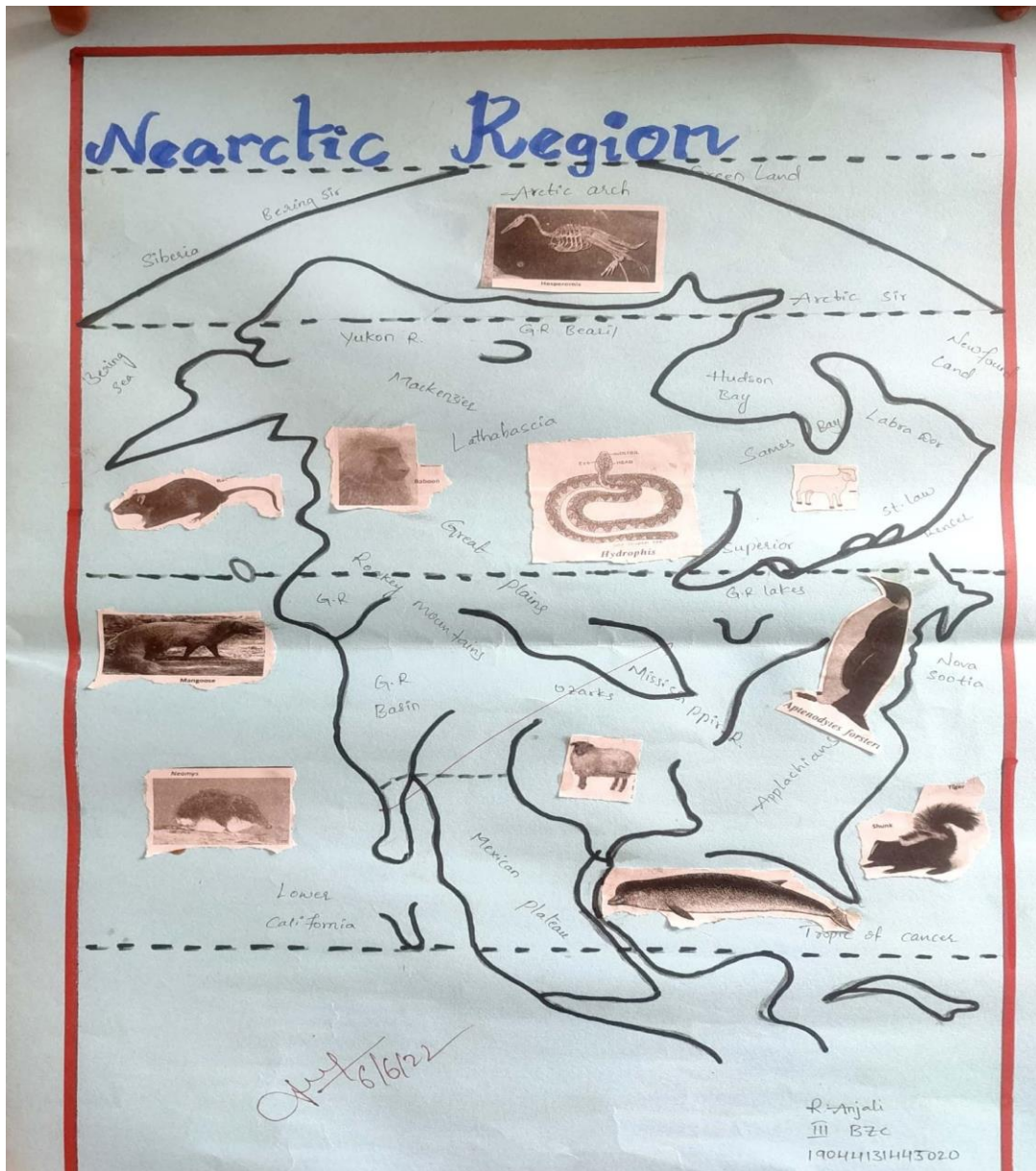
Groups: BZC & MZC-III,

No. of students: 45

Semester: VI

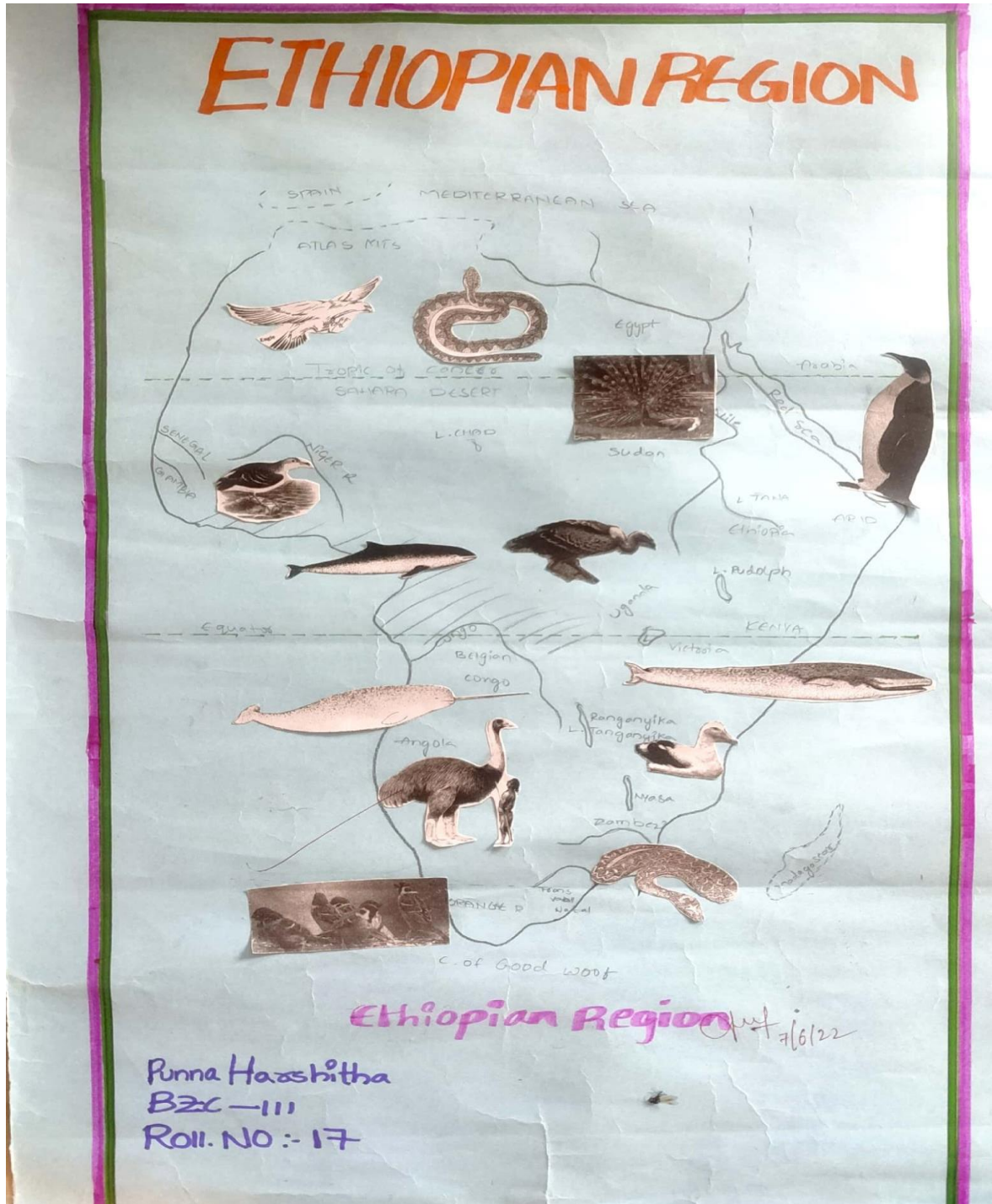
### 1) Nearctic Region:

The fishes of this region are distinctive. Nearctic amphibians are similar to the palaeartic amphibians. The reptiles are similar to palaeartic region and tropical American groups. Finally the animals of nearctic resemble more with palaeartic region and it is much less rich than the tropical zones.



2) Ethiopian Region:

The fresh water fishes of Ethiopian region, cyprinids and salamanders are related to those of the oriental region. Some of the amphibians and reptiles also resemble the oriental region such as lipids frogs, pelomedusid turtles, leptotyphlopoid worm snakes.



3) Oriental region:

The important fish group are cypriniferous and different composition of cat fishes. The notable reptiles are crocodiles such as ghaviald, chameleons, gerrhosaurids and cordylid lizardd. Oriental birds are resembling those of Ethiopian region and also Australian region.



**Activity out comes:**

By doing this activity students finally got to know that what animals are living in that region, specified by using the weather condition and their life style.

### 3. National Science Day Celebrations

#### Department of Zoology

- **Organizers:** Students and Faculty, Dept. of Zoology
- **Events:** Posters and Models presentation, Insect Box and Hemoglobin (Hb) Estimation.

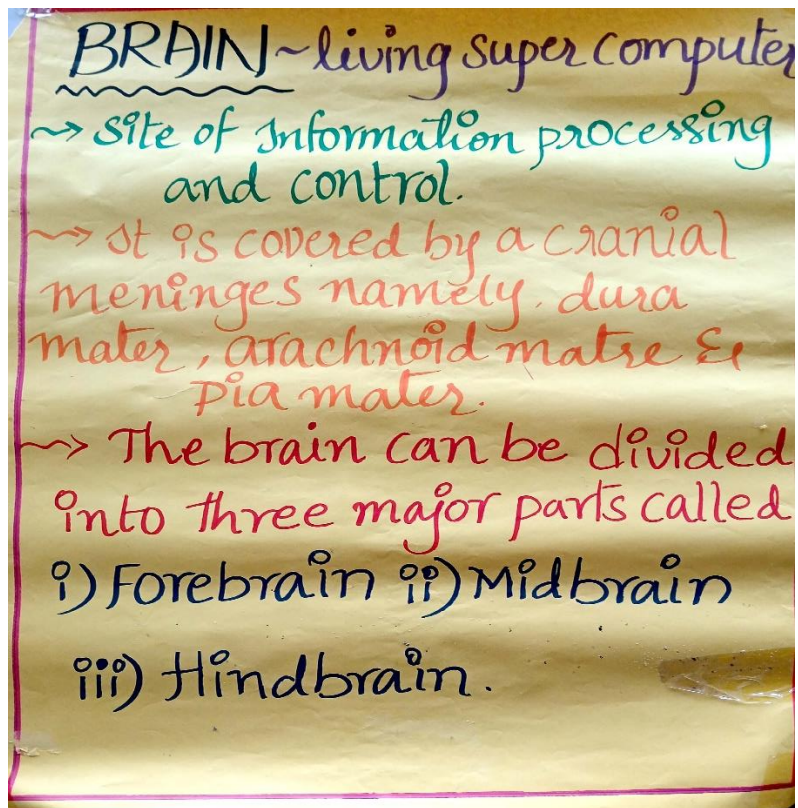
**Description:** National Science Day is observed in India annually on February 28th to commemorate the discovery of the Raman effect by the renowned Indian physicist Sir C. V. Raman on the same date in 1928. Sir C.V. Raman's ground breaking discovery earned him the Nobel Prize in Physics in 1930.

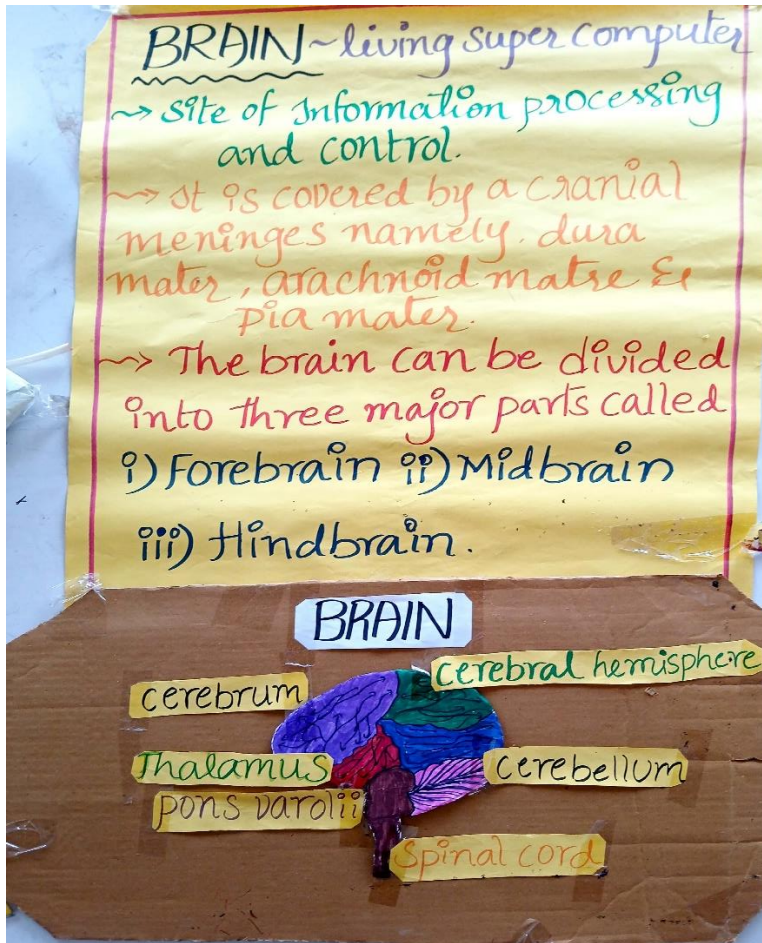
The National science day was celebrated with great enthusiasm. On the occasion of “National Science Day” Dept. of Zoology organized “Science Exhibition”. BZC and MZC Students exhibited heart, brain, excretory system, digestive system models, specimens and microscopes. The Heart model was explained by P. Sandhya, BZC-I and Brain model was explained by Sushmitha, MZC-I. with a very interactive and great spirit. Principal, Director, staff and the students explored all the models/projects/posters. They were blended with participants confidence, presentation skills and enthusiasm.

#### Digestive System Model:

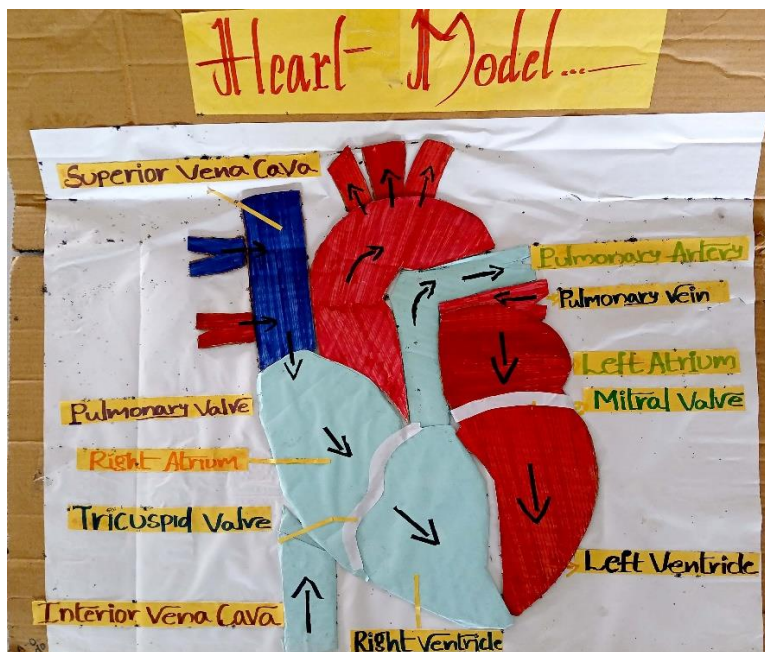


## Structure and Functions of Brain:





Heart Model:





## 4. Water Cycle

Students from BZC & MZC, Department of Zoology prepared a chart on water cycle.

Clouds form when water vapor in the air cools and condenses into tiny droplets or ice crystals, creating visible cloud formations. When these droplets combine and grow larger, they eventually fall as precipitation if they become too heavy to remain suspended in the air. This process, known as condensation, is a crucial part of the water cycle, returning water to Earth's surface as rain, snow, sleet, or hail, depending on the temperature.

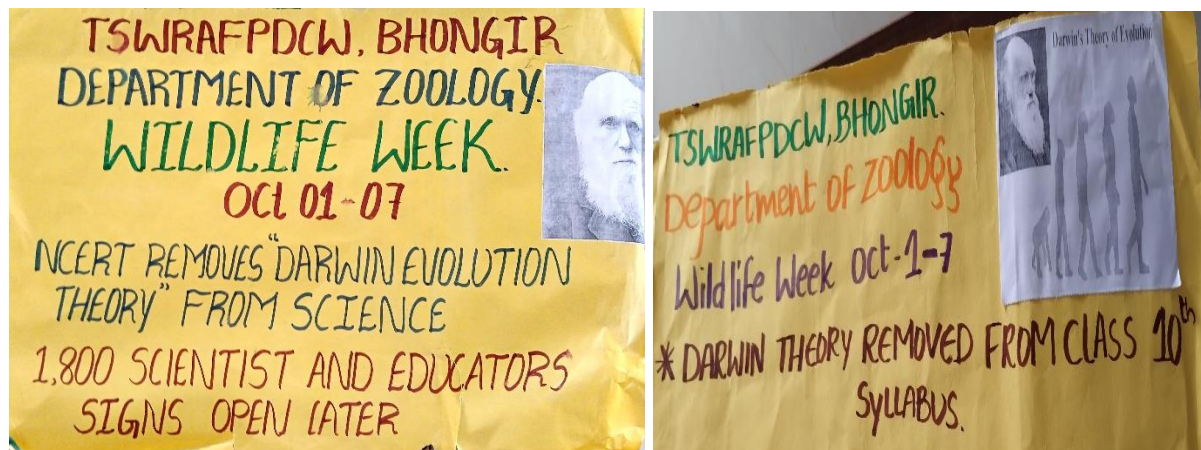


## 5. Removal of Darwin theory topic from NCERT books:

**Participants:** 40 students (BZC & MZC) & Faculty (Dr. K. Srilatha, HOD, Department of Zoology, TSWRAFPDCW, Bhongir).

**Introduction:** Darwin's theory of evolution by natural selection is the only scientific explanation for the spectacular diversity of life on Earth. It provides a powerful framework for understanding

nature is one of the essential theories at the very core of science. Charles Robert Darwin was an English geologist, naturalist, and biologist, who is well known for his work on the theory of biological evolution by natural selection. There is great importance of Darwin's theory and its impact was not limited to science itself.



As part of World Wild life Week, Students raised “Awareness to not to remove Darwin theory from text books” with the help of Posters and Placards.

The NCERT has made the deletion of Chapter 9 on Charles Darwin's theory of evolution, including topics such as the origin of life on Earth, human evolution, and heredity, permanent. While the specific rationale behind this decision has not been explicitly stated, it is believed to be part of the ongoing syllabus rationalization process initiated by the NCERT. The Covid-19 pandemic led to unprecedented disruptions in the education sector, prompting the NCERT to undertake a syllabus rationalization exercise from December 2021 to June 2022. The aim was to reduce the burden on students and ensure a smoother transition to remote learning. As part of this exercise, approximately 30% of the syllabus was deleted for Classes 6 to 12. The temporary exclusion of certain topics, including those related to the periodic table and Darwin's theory, was intended to streamline the curriculum during these challenging times.



*Roshni*  
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BHONGIR.



GOVERNMENT OF TELANGANA  
S.W.R.A.F.C.  
TELANGANA SOCIAL WELFARE RESIDENTIAL ARMED FORCES  
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## DEPARTMENT OF MICROBIOLOGY

### Poster presentations

**Academic year** 2019-20

**Poster presentation Topic:**

**Occasion:** International Microorganisms Day

**Day Date:** 17<sup>th</sup> September 2019

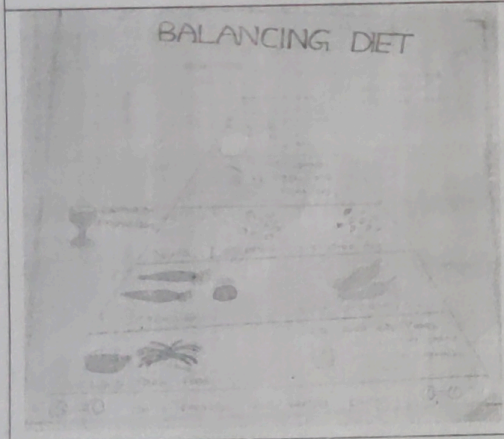
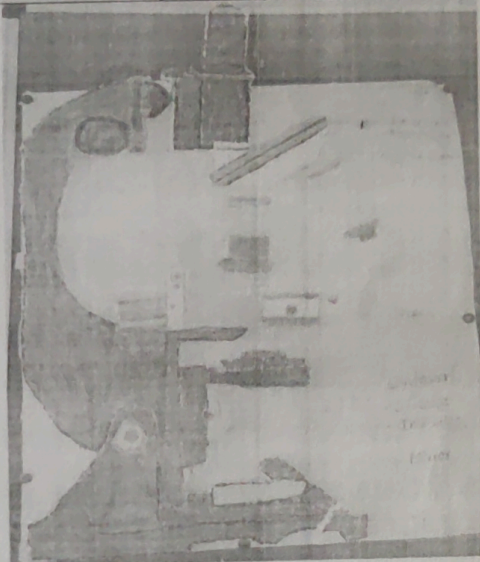
**Organizers:** K. Sravanthi, HOD, Dept. of Microbiology, Ragiraju (Lecturer in Microbiology)

To celebrate International Microbes Day, our class participated in a poster presentation event organized by Dept. of Microbiology. The event aimed to promote awareness and understanding of the diverse roles of microbes play in our lives and the environment. It provided an excellent opportunity for students and researchers to showcase their work, share knowledge, and engage with experts in the field of microbiology.

Each participant chose a topic related to microbiology, focusing on areas such as beneficial microbes, pathogenic microbes, microbial biotechnology, and environmental microbiology.

Participating in the International Microbes Day poster presentation was an enriching and rewarding experience. It enhanced our research and presentation skills, broadened our knowledge of microbiology, and provided a platform to interact with experts and peers. The feedback and insights gained during the event will be invaluable for our future academic and research endeavours.

Gallery:



*K. Sravati*

HOD

Dept. of Microbiology  
TSWRAFPDCW, Bhongir

**HEAD**

Department of Microbiology  
TSWRAFPDCW, Bhongir

Principal

TSWRAFPDCW, Bhongir

PRINCIPAL

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## DEPARTMENT OF MICROBIOLOGY

**Academic year 2023-24**

**Poster presentation Topic:** Fermented food festival

**Occasion:** International Microorganisms Day

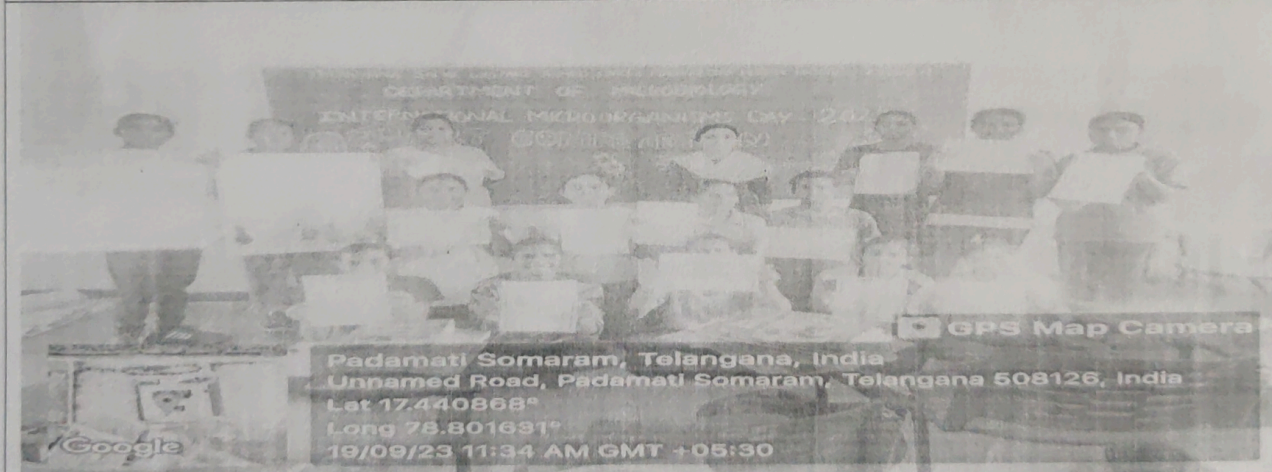
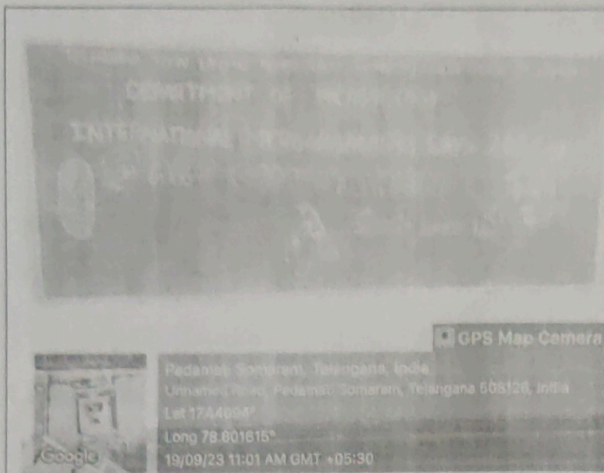
**Day Date:** 19<sup>th</sup> September 2023 on account of international microbes' day-17<sup>th</sup> September

**Organizers:** K. Sravanthi, HOD, Dept. of Microbiology

To celebrate International Microbes Day, our class participated in an art competition organized by Dept. of Microbiology, TSWRAFPDCW, Bhongir. The aim of the competition was to creatively illustrate the fascinating world of microbes and their impact on our lives and environment. This event provided a platform for participants to express their understanding of microbiology through various forms of art, including drawings, paintings, and digital art.

Each participant stood by their artwork, ready to present and explain their piece to attendees. We explained the scientific concepts depicted in our artworks, our artistic techniques, and the messages we aimed to convey. We also answered questions and participated in discussions, which enhanced our understanding and appreciation of both science and art. Participating in the art competition for International Microbes Day was a rewarding and enlightening experience. It allowed us to merge our scientific knowledge with artistic creativity, enhancing our understanding of microbiology and our appreciation for art. The feedback and insights gained during the event will be invaluable for our future academic and creative endeavours.

Gallery:



*K. Savali*

HOD

Dept. of Microbiology  
TSWRAFPDCW, Bhongir

**HEAD**

Department of Microbiology  
TSWRAFPDCW, Bhongir

*[Signature]*

Principal

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SWRAFP DEGREE COLLEGE (W)

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## DEPARTMENT OF MICROBIOLOGY

**Academic year 2023-24**

**Poster presentation Topic:** Fermented food festival

**Occasion:** National science day

**Day Date:** 28<sup>th</sup> February 2024

**Organizers:** K. Sravanthi, HOD, Dept. of Microbiology

In celebration of National Science Day, Dept. of Microbiology, TSWRAFPDCW, Bhongir conducted Fermented Food Festival and conducted poster presentation. The event aimed to promote awareness and understanding of the science behind fermented foods, their health benefits, and their cultural significance. This festival provided a platform for students, researchers, and food enthusiasts to showcase and explore various fermented foods from different cultures.

**Poster Design:** Created informative and visually appealing posters. Each poster included sections such as Introduction, Methodology, Results, Discussion, and Conclusion, complemented by images and diagrams.

Each participant stood by their poster, ready to present and explain their work to attendees. We engaged with a diverse audience, including students, faculty members, researchers, and the general public.

We explained the fermentation process, the specific microorganisms involved, the health benefits, and the cultural relevance of the fermented foods we studied. We also answered questions and participated in discussions, which provided valuable feedback and enhanced our understanding.

Participating in the poster presentation in Fermented Food Festival conducted on account of National Science Day was a rewarding and educational experience. It allowed us to merge our scientific knowledge with culinary skills, enhancing our understanding of microbiology and nutrition. The feedback and insights gained during the event will be invaluable for our future academic and culinary endeavours.

Gallery:



*K. Sravanti*

HOD

Dept. of Microbiology  
 TSWRAFPDCW, Bhongir  
 Department of Microbiology  
 TSWRAFPDCW, Bhongir

*BV*

Principal  
 TSWRAFPDCW, Bhongir  
 TSWRAFP DEGREE COLLEGE  
 BHONGIR



# Prominent Bhakti Saints of Medieval India

1. NAMADEV  
[1270-1350]

Namadeva was a Maharashtra Saint. He was a tailor who had taken to Banditry. His poetry was written in Marathi.

2. Ramananda  
[1400CE-1480CE]

He was a Maharastrian. He was a follower of Ramanuja. He was born at Srirangam & lived in Srirangam. Devotee of Lord Rama.

# JAINISM

The Founder Of Jainism Is Vardhamana Mahavira. The 23<sup>rd</sup> Tirthankara, Preached the Basic Principles Of Jainism. Vardhamana Was Born In 540 BCE In Kundagrama Near Vaishali His Parents Were Siddhartha And Trishala Of Jnatrika Dynasty. He Was Married To Yashodara. They Had Daughter Priyadarshini. At The Age Of 30<sup>th</sup> He Left His Family And Kingdom In Search Of Knowledge. He Got "Enlightenment" At The Age Of 42. Vardhamana Was Called "Jina". Vardhamana Was Also Known as Kevala, Nigrantha. He Passed Away At The Age Of 72 At Pavapuri

# CHATRAPATHI SHIVAJI MAHARAJ

Shivaji was born in 1627 CE. In the hillfort of Shivner is located nearly 50 miles away from Poona. His Father Shahji-Bhonsle. Initially served at the court of Ahmednagar. Shivaji was brought up with great care and affection by his mother Jija Bai. Was a woman of great talent, enlightenment.





Governors General of Bengal

**Warren Hastings** (AD 1772-1785)

- Pitt's India Act (1784), Rohilla war (1774), First Maratha war (1775-1783).

**Lord Cornwallis** (AD 1786-93)

- Third Mysore war (1790-92), is called the father of civil services in India.

**Sir John Shore** (AD 1793-98)

- Battle of Khadda (1795)

**Lord Wellesley** (AD 1798-1805)

- Treaty of Bassein (1803)

**Lord Minto I** (AD 1807-1813)

- Charter Act of 1813 was passed.

**Lord Hastings** (AD 1813-23)

- Anglo Nepal war (1814-1816)

## Gover. Generals of Bengal

**Warren Hastings** (AD 1772-1785)

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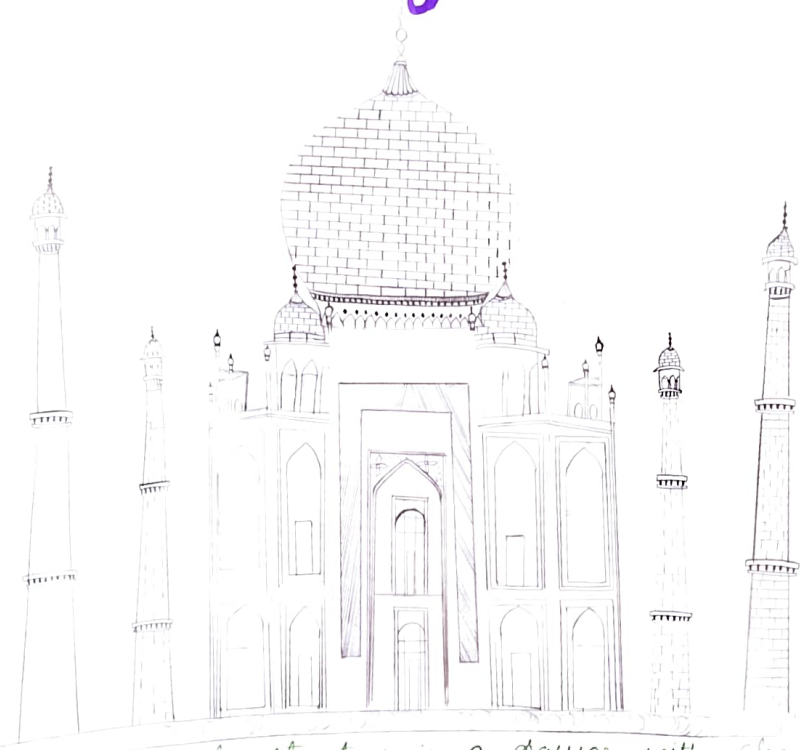
- Charter Act of 1813 was passed.

**Lord Hastings** (AD 1813-23)

- Anglo-Nepal war (1814-1816)

**Lord Amherst** (AD 1819-23)

# Taj Mahal



- The tomb structure is a square with chamfers forming eight sides, recessed with deep arches.
- Lastly, the art of calligraphy is used with the inlay of jasper in white marble to write Quranic verses.
- From 1632 onwards it took nearly 20 years & 20,000 specialised workers to complete it.

- Taj Mahal was built in Agra by Shah Jahan as a mausoleum for his deceased wife Mumtaz Mahal.
- Taj Mahal was the apogee of the evolutionary architectural process in medieval India.
- Architects, masons, engineers from Persia, Arabia were engaged in the construction of Taj Mahal by Shahjahan.
- Four types of embellishments have been used with great effect for the exterior & interior surfaces.

# Taj Mahal



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➤ The tomb's structure is a square with chamfers forming eight sides, recessed with deep arches.

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# The Age of Imperial Mughals [1526-1707]

Zahisuddin - Muhammad - Babur  
[1483-1530 CE].

Founder of Mughal Dynasty.

- Wars:
- (1) Battle of Panipat-I (21-9-1526).
  - (2) Battle of Khanwah (17-3-1527).
  - (3) Battle of Chanderi (1528 CE).
  - (4) Battle of Goghra (1529 CE).
- He ruled from 1526 - 1530.

Humayun (1503-1556)  
son of Babur. He ruled from  
1530-1540 & 1555-1556 CE.

Wars:  
Battle of Kanauj (1540 CE)  
Battle of Sindh (1555 CE)  
Battle of Chausa (1539 CE)

Babur

Humayun

Akbar

Jahangir

Shahjahan

Aurangzeb

Akbar (1542-1605 CE)

Son of Humayun. His original  
name is 'Nooruddin Muhammad Akbar'

Wars

Second Battle of Panipat (on 5th Novem-  
ber, 1556 CE) He ruled from 1556-1605 CE

Guardian: Bairam Khan

Din-e Illahi, a new religion was  
founded by Akbar in 1581 CE

Jahangir (Salim) (1569-1627)  
He was the son of Akbar. He ruled  
from (1605 - 1627 CE)

Wars/Imp Events:

Revolt of Prince Khurro (1606 CE)  
Jahangir's conflict with Sikhs

After Akbar's death, Salim ascended the  
Mughal throne on 3rd Nov, 1605 with  
title 'Salim-Nuruddin-Mul-Jahangir'

Aurangzeb (1618-1707 CE)

Son of Shahjahan and Mumtaz Begum  
He ruled from (1658-1707 CE).

Aurangzeb celebrated his corona-  
tion ceremony 1st time at Delhi  
on 31st July, 1658 CE, and 2nd at  
15th May, 1659.

Shahjahan (1592-1666 CE)  
Son of Jahangir. He ruled from  
(1627-1658 CE)

His period is considered as 'Golden  
Age'.

Architecture

He built TAJMAHAL, MOTI MAJID  
(Pearl Mosque), JAMI MASJID, Peacock  
throne, Ringmahal, Diwan-e-Aam  
etc.



# The Age of Imperial Mughals [1526-1707]

Zahiruddin - Muhammad - Babur  
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- Wars
- (1) Battle of Panipat - I (21-4-1526)
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  - (3) Battle of Chanderi (1528 C.E.)
  - (4) Battle of Goghra (1529 C.E.)
- He ruled from 1526 - 1530.

Akbar (1542 - 1605 C.E.)

Son of Humayun. His original name is 'Nooruddin Muhammad Akbar'.

Wars

Second Battle of Panipat (on 5<sup>th</sup> Novem-ber, 1556 C.E.). He ruled from 1556 - 1605 C.E.

Guardian: Bairam Khan

Din-e-Ilahi a new religion was founded by Akbar in 1581 C.E.

Aurangazeb (1618 - 1707 C.E.)

Son of Shahjahan and Mumtaz Begam. He ruled from (1658 - 1707 C.E.).

Aurangazeb celebrated his corona-tion ceremony 1<sup>st</sup> time at Delhi on 31<sup>st</sup> July, 1658 C.E. and 2<sup>nd</sup> at 15<sup>th</sup> May, 1659.

Humayun (1503 - 1556)

son of Babur. He ruled from 1530 - 1540 & 1555 - 1556 C.E.

Wars

- Battle of Kanauj (1540 C.E.)
- Battle of Sighind (1555 C.E.)
- Battle of Chausa (1539 C.E.)

Jahangir (Salim) (1569 - 1627)

He was the son of Akbar. He ruled from (1605 - 1627 C.E.)

Wars/Imp Events

Revolt of Prince Khurram (1606 C.E.)

Jahangir's conflict with Sikhs

After Akbar's death Salim ascended the mughal throne on 3<sup>rd</sup> Nov. 1605 with title 'Salim-Nur-uddin-Mul-Jahangir'

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His period is considered as 'Golden Age'.

Architecture

He built TAJMAHAL, MOTI MAJID (Pearl Mosque), JAMI MASJID, Peacock throne, Rangmahal, Diwan-e-Aam, etc.

Babur

Humayun

Akbar

Jahangir

Shahjahan

Aurangazeb

# ASHOKA [ 273BC - 232BC ]

- » Son of Bindhusara, belongs to Mauryan Dynasty.
- » He killed his 99 brothers and became king. With  
TITLE: Chandashoka.
- » Kalinga War (Odisha) 261BC - It occurred in the 8<sup>th</sup> Year of Ashoka's coronation. In this war 1 Lakh people died. After this war he became Dharma Shoka and adopted Buddhism under Upagupta.
- » Ashoka declared that he will not wage war against any kingdom. He issued Edicts (inscriptions) throughout his Empire to preach Dharma.
- » The Edicts deciphered by James Prince (B. Historian)

Edicts Types -

1. Major Rock Edicts
2. Major Pillar Edicts
3. Minor Rock Edicts
4. Minor Pillar Edicts.

Architecture: Official Symbol or Monuments.  
Ashoka is used 4 animals as symbol, it is taken as Indian Official Symbol. ④ Wheels, Wheel → 24 Spokes - 24 hours, ④ animals - Horse, Ox (agriculture), Lion (king), Elephant.

# ASHOKA [ 273 BC - 232 BC ]

- Son of Bindhusara, belongs to Mauryan Dynasty.
  - He killed his 99 brothers and became king. With TITLE: Chandashoka.
  - Kalinga War (Odisha) 261 BC - It occurred in the 8<sup>th</sup> Year of Ashoka is Coronation. In this War 1 Lakh People died. After this war he became Dharma Shoka and adopted Buddhism Under Upagupta.
  - Ashoka declared that he will not wage War against any Kingdom. He issued Edicts (inscriptions) throughout his Empire to preach Dharma.
  - The edicts deciphered by James Prinsep (B. Historian)
- Edicts Types -
1. Major Rock Edicts
  2. Major Pillar Edicts.
  3. Minor Rock Edicts
  4. Minor Pillar Edicts.

**Architecture:** Official Symbol or Monuments.  
Ashoka is used 4 animals as symbol, it is taken as Indian Official Symbol. ④ Wheels, Wheel → 24 Spokes - 24 hours, ④ animals - Horse (Speed), Ox (Agriculture), Lion (King), Elephant (Religious)

# RUDRAMADEVI [1262-1289CE]

Rudramadevi is also called as **Rudramamba**. She was the first women ruler in the history of medieval Andhradesa and South India. Her parents were **Somamba** and **Ganapatideva**. He declared her his successor as he had no male children. Her husband was **Nididavolu Chalukya Virabhadra**. She succeeded her position by introducing administrative reforms. **Rechenla Prasaditya** described with the titles **Kakatiya Rajya Prathisht-**

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