

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY      SL.NO

## EXPERIENTIAL-C2

**Title of the Event** : Industrial Visit  
**Date** : 10-08-2017      Time : 10.00AM  
**Venue** : Jocil  
**Co-ordinator** : V. Mani Kumari  
**No. of Staff Members involved** : 4  
**No. of Students Participated** : 30

### **Objective of the Event :**

The Program to visit JOCIL Chemical Industry is designed to train students to acquire knowledge and Practical skills than can make the to be employable.

### **Plan and Exectuion :**

Students gathered in college campus on 10-08-2017 at 10.00am. we went to the industry by bus. It is 20kms far from the college campus.

### **Outcome of the Event:**

Students learned how to prepare soaps, shampoos and other manufacturing items. To know which latest machinery is used in manufacturing. They collected the total information from that industry and need marketing skills.

### **Suggestions:**

The tour is innovative and knowledgable.

### **Evidences :**

Field trip to Jocil



Field trip to Jocil  
17-18



**HINDU COLLEGE, GUNTUR**  
**DEPARTMENT OF CHEMISTRY      SL.NO**

**Participative-C2**

**Title of the Event** : Guest Lecture (Advances in super  
conducting Materials and fuel cells)

**Date** : 21-10-2017      Time : 11.00am

**Venue** : Seminar Hall

**Co-ordinator** : Dr. T. Uma Maheswara Rao

**No. of Staff Members involved** : 5

**No. of Students Participated** : 30

**Objective of the Event :**

Super conducting and subsequently emphasized the importance of super conductive materials and its applications.

**Plan and Execution :**

Department staff organized the programme, and no of students come to seminar hall and listen the guest lecture.

**Outcome of the Event:**

The students understood the basics and importance of super conducting materials and advantages.

**Suggestions:**

Learn the importance of super conducting materials and advantages.

**Evidences :**





Signature of H.O.D

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## EXPERIENTIAL-C2

**Title of the Event** : Govt. Pesticide Lab Visit.  
**Date** : 06-11-2017 Time : 11.00AM  
**Venue** : Pesticide Lab  
**Co-ordinator** : Dr. T. Uma Maheswara Rao  
**No. of Staff Members involved** : 4  
**No. of Students Participated** : 30

### **Objective of the Event :**

The Pesticide Lab is established by Govt. for Promotion of integrated Pest Management ensuring safe and quality Pesticides for sustaining crop Production.

### **Plan and Exectuion :**

Students gathered in college campus on 06-11-2017 at 11.00am. we went to the lab by bus. It is 5km from the campus.

### **Outcome of the Event:**

Students learned the integrated pest management and got to know which Pesticides are benefit and loss to the crops.

### **Suggestions:**

Do not use more Pesticides. Farmers must use ISI branded Pesticides for crops.

**Evidences : 2 Photos**





Signature of H.O.D

# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY SL.NO

### Problem Solving

**Title of the Event** : Preparation of Washing Powder

**Date** : 14-08-2018 Time : 11.00am

**Venue** : Class Room (Campus)

**Co-ordinator** : N. Suneetha

**No. of Staff Members involved** : 3

**No. of Students Participated** : 20

#### **Objective of the Event :**

Prevent Soap Scum and insoluble salts from remaining on your clothes.  
It works on surface of cloths and breakup the dust and oil dots

#### **Plan and Execution :**

Students arranged the chemicals and distilled water to prepare the washing powder.

#### **Outcome of the Event:**

To know how to prepare the domestic purpose washing cheeples.

#### **Suggestions:**

Easily to prepare cheifles.

#### **Evidences :**



Signature of H.O.D



# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## EXPERIENTIAL-C2

**Title of the Event** : Industrial Visit  
**Date** : 19-10-2018 Time : 10.00AM  
**Venue** : Jocil  
**Co-ordinator** : V. Mani Kumari  
**No. of Staff Members involved** : 4  
**No. of Students Participated** : 30

### **Objective of the Event :**

The Program to visit JOCIL Chemical Industry is designed to train students to acquire knowledge and Practical skills than can make the to be employable.

### **Plan and Exectuion :**

Students gathered in college campus on 19-10-2018 at 10.00am. we went to the industry by bus. It is 20kms far from the college campus.

### **Outcome of the Event:**

Students learned how to prepare soaps, shampoos and other manufacturing items. To know which latest machinery is used in manufacturing. They collected the total information from that industry and need marketing skills.

### **Suggestions:**

The tour is innovative and knowledgable.

### **Evidences :**



Signature of H.O.D

# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY SL.NO

### Participative

**Title of the Event** : Guest Lecture on Medical Coding.  
**Date** : 20-08-2018 Time : 11.00AM  
**Venue** : Seminar Hall  
**Co-ordinator** : Dr. T. Uma Maheswara Rao  
**No. of Staff Members involved** : 5  
**No. of Students Participated** : 25

### **Objective of the Event :**

Understanding and translating medical information and patient diagnoses into medical code using various classification system.

### **Plan and Execution :**

Students comes to Seminar class and put their signature on the programme.

### **Outcome of the Event:**

It is useful to conversion of procedures, healthcare diagnoses, medical services.

### **Suggestions:**

Know about data entry validation, data processing.

Evidences:



Smt. Sirisha gave Guest Lecture  
on Medical Coding.

Date: 20-8-2018.







Outstanding career opportunities for all life science graduates with 100% refundable course

### What is Medical coding?



Medical coding is analysing the patients medical records and convert the disease, procedure, service and material supply into universally accepted alphanumeric codes by using icd-10-cm, cpt -4 and hcpcs coding books.

#### ELIGIBILITY :

- BPT(Physiotherapy), • BDS(Dental),
- BAMS, • BHMS, • B.Pharm, • M.pharm.,
- Msc., • B.sc. Nursing and all Paramedical and all life science Graduates.

#### OUR TRAINING COVERS :

- Human Anatomy and Physiology
- Medical Terminology
- Medical Terms and Surgical Terms
- Pathology
- Analyzing the Patient's Records
- ICD-10-CM official Coding Guidelines for Diagnosis Coding
- CPT-4 for the Services and Surgery Coding
- HCPCS -II for Hospital Supply and Drugs Coding.
- Compliance and Regulatory required for Medical Coding

#### OUR INSTITUTION HIGHLIGHTS :

##### FREE MEDICAL CODING MATERIALS WORTH 3000 RUPEES

- More than 50 topic wise aapc pattern practice tests
- 5 Mock Tests
- 1 Grand Test
- Communication Skills Training will be Provided to Student to Crack the Interview
- Mock Interviews will be Conducted
- 100% Job Assistance

*Sinisha - HFAI  
EPC certified*

If U have Any Query's Plz Contact Us.  
Feel Free to Ask Don't Hesitate Contact

D.No: 5-37-36, Srinivasam, 2<sup>nd</sup> floor, Opposite sindhoori hotel, 4<sup>th</sup> line 2<sup>nd</sup> Cross Road,  
Brodipet, Guntur-522002, Andhra Pradesh, India  
ssmedicode@gmail.com

Name	Signature
1. Ch Prathap Reddy	Prathap Reddy
2. K Pradhu	Pradhu
3. Ch. Lakshmi Ganesh	Lakshmi Ganesh
4. SK Shateed	Shateed
5. Baji Saida SK	SK. Baji Saida
6. CH. Tirupathi Reddy	Ch. Tirupathi Reddy
7. M. Vinay Babu	M. Vinay Babu
8. Subhani	Ms. Subhani
9. A. Gopi	A. Gopi
10. S. Uma Maheswara Reddy	Uma Maheswara Reddy
11. P. Shalem Raju	P. Shalem Raju
12. B. Geetha Prabhu Deva	B. Geetha Prabhu Deva
13. R. Sudheer Kumar	R. Sudheer Kumar
14. A. Ravi Babu	Ravi Babu
15. D. Nagesh Kumar	D. Nagesh Kumar
16. Venu Gopal	Venu Gopal
17. Tirupathi Raju	M. Tirupathi Raju
18. Rajesh	Rajesh D
19. Nagesh	Nagesh
20. Sunil	M. Sunil
21. Eswar Teja	V. Eswar Teja
22. SK. Nazma	SK. Nazma
23. B. Sanya Naik	Sanya Naik
24. Setavani	T. Setavani
25. M. Venu Babu	M. Venu Babu
26. Sravani	Sravanani
27. Y. C. Manikanta	Y. C. Manikanta
28. B. Hanuma Naik	B. Hanuma Naik
29. V. Gopi	V. Gopi
30. T. Naxasimha	Naxasimha

Signature of H.DO.D

# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY SL.NO

### Participative

**Title of the Event** : Guest Lecture on Medical Transcription

**Date** : 22-08-2018 Time : 11.00AM

**Venue** : Class Room

**Co-ordinator** : Dr. T. Uma Maheswara Rao

**No. of Staff Members involved** : 5

**No. of Students Participated** : 20

### **Objective of the Event :**

Properly interpret medications dosages and instructions for medication administration.

### **Plan and Execution :**

Students comes to programme and sat their benches and listen the programme.

### **Outcome of the Event:**

It knows helps physicians to make informed decisions and treat the patient efficiently.

### **Suggestions:**

It is use hospital typically receives the voice files with dictation of medical documents.

Evidences:



Guest Lecture on Medical transcription  
on 22-12-2018



Signature of H.DO.D

**HINDU COLLEGE :: GUNTUR**  
(Re-accredited by NAAC as Grade 'A')



**INVITATION**

**WORKSHOP**

on

**"PREPARATION OF DETERGENT POWDER AND  
CLEANING POWDER"**

Date : 07-12-2018 at 11.00 A.M.  
Chief Guest : Sri Ch. Ramakrishna Murthy  
Secretary & Correspondent  
Benedictions : Sri G. Madhu  
Principal  
Dr. N. Viswam  
Vice-Principal  
Venue : H - 1  
Hindu College, Guntur

Smt. V. Mani Kumari  
Vice-Principal & Convener

Sri T. Umamaheswara Rao  
Co-convener

Work Shop  
on  
Preparation of Detergent powder and  
cleaning powder  
Date: 07-12-2018.





**III B.Sc. Students participated in workshop on  
Preparation of Detergent Powder**

1	Y. Bala Vani
2	S. Munuswamy
3	A. Ayyappa Reddy
4	M. Tejswara Reddy
5	Sk. Arif
6	Sk. Sardam Hussain
7	Sk. Jaleel Basha
8	B. Ravali
9	B. Veera Reddy
10	T. Yesudas
11	Syed Afreed
12	A. Anil Kumar
13	P. Gowri Priya
14	K. Murali
15	J. Mahesh
16	Ch. Tejaswitha Sarojaq
17	K. Manor Kumar
18	P. Sudheer
19	T. Babu
20	A. Rajesh
21	M. Sagar
22	G. Prudhvi
23	E. Harish
24	B. Bhargava Varma
25	Y. Babitha
26	B. Divya
27	A. Venkat Dayal Sarma
28	B. Sangeetha
29	K. Anand Sagar
30	D. Kavitha
31	T. Naredra Reddy
32	A. Ayappa Reddy
33	Ch. Pradeep Kumar
34	B. Ankamma Rao
35	N. Gopala Krishna
36	M. Bala Raju
37	B. Devendra Kumar
38	M. Satyanarayana
39	T. Srujayna Anudeep
40	M.V.N. S. Surya Kumar
41	B. Hema Sajini
42	Sushant
43	B. Sai Yasawy
44	T. Paul Dinakar
45	M. Sagar Babu
46	N.V.V.S. Manikanta

# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY SL.NO

### Participative

**Title of the Event** : Awareness Programme on Cordiology.

**Date** : 14-12-2018 Time : 12.00PM

**Venue** : Seminar Hall

**Co-ordinator** : Dr. T. Uma Maheswara Rao

**No. of Staff Members involved** : 5

**No. of Students Participated** : 25

### **Objective of the Event :**

Improve cardiovascular health and quality of life through prevention, detection and treatment of risk factors.

### **Plan and Execution :**

Students comes to seminar hall and arrangement the toys of Heart Pressure equipment.

### **Outcome of the Event:**

Narrowed arteries can cause chest pain. How to take first aid to the heart attack.

### **Suggestions:**

Innovative programe about heart disease

Evidences:



Awareness on Cardiac Attack at  
Katuri Medical College on 14-12-20



# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY SL.NO

### Participative

**Title of the Event** : work shop on preparation of surf.  
**Date** : 17-12-2018 Time : 12.00PM  
**Venue** : Seminar Hall  
**Co-ordinator** : V. MANI KUMARI  
**No. of Staff Members involved** : 5  
**No. of Students Participated** : 20

### **Objective of the Event :**

They also prevent Soap scum and insoluble salts from remaining on your cloths. This makes it easier to clean them.

### **Plan and Execution :**

Students comes to lab and arrange the chemicals tubs and distilled water.

### **Outcome of the Event:**

Compared with soaps, detergents have the advantage, among others, have a better cleaning powder and is not affected by water hardness.

### **Suggestions:**

It is a very useful to domestic purpose and very less amount.

Evidences:



Workshop on Preparation of Surf

on ~~22-08-2018~~ 07-12-2018



**HINDU COLLEGE :: GUNTUR**  
(Re-accredited by NAAC as Grade 'A')

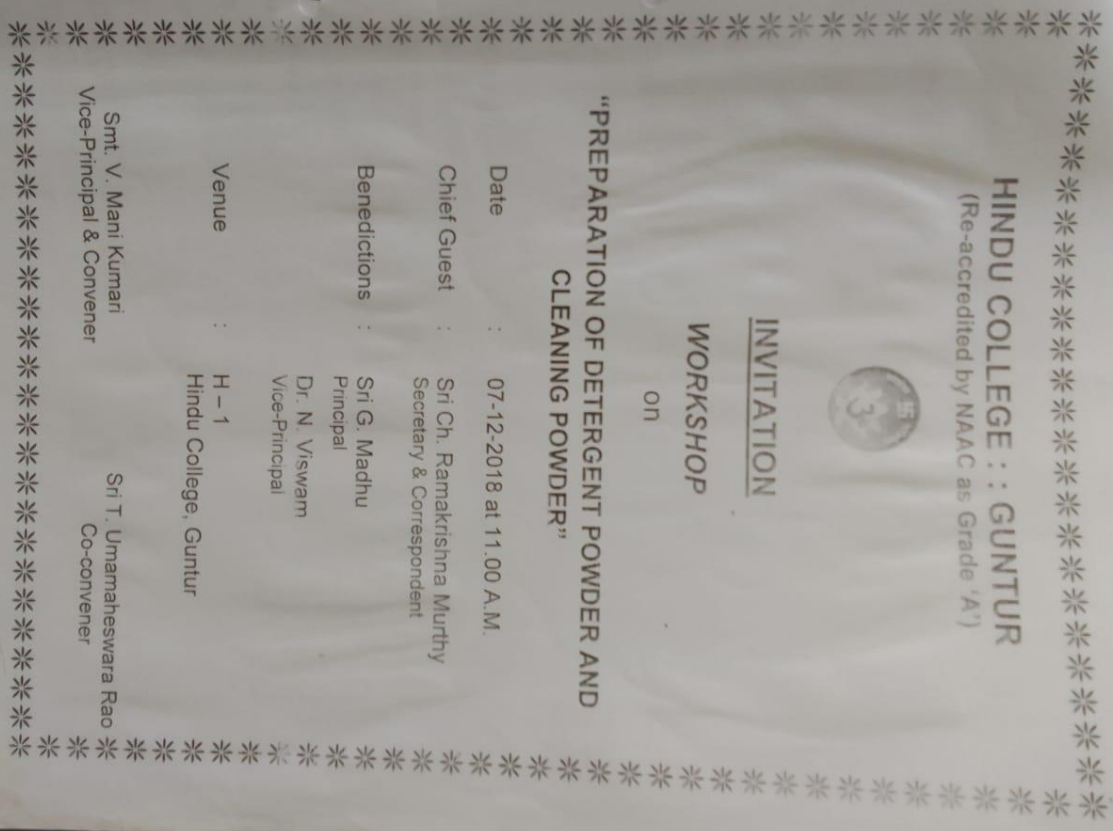


**INVITATION  
WORKSHOP  
ON  
"PREPARATION OF DETERGENT POWDER AND  
CLEANING POWDER"**

Date : 07-12-2018 at 11.00 A.M.  
 Chief Guest : Sri Ch. Ramakrishna Murthy  
 Secretary & Correspondent  
 Benedictions : Sri G. Madhu  
 Principal  
 Dr. N. Viswam  
 Vice-Principal  
 Venue : H-1  
 Hindu College, Guntur

Smt. V. Mani Kumari  
 Vice-Principal & Convener

Sri T. Umamaheswara Rao  
 Co-convener



- |                      |                   |
|----------------------|-------------------|
| 5. Prasad            | Prasad.           |
| 6. K. Sridhartha     | K. Sridhartha     |
| 7. Sk. Nagul Shireef | Sk. Nagul Shireef |
| 8. B. Vasireddy      | B. Vasireddy      |
| 9. B. Anwarud Din    | B. Anwarud Din    |
| 10. Goswami Prasad   | Goswami Prasad    |
| 11. P. Ranga         | P. Ranga          |
| 12. D. Sai reddy     | D. Sai reddy      |
| 13. K. Sandeep       | K. Sandeep        |
| 14. A. Bhargava      | A. Bhargava       |
| 15. D. Dasgupta      | D. Dasgupta       |
| 16. T. Ritesh        | T. Ritesh         |
| 17. Sk. Arafat       | Sk. Arafat        |
| 18. D. Elasha Swami  | D. Elasha Swami   |
| 19. E. Deepak        | E. Deepak         |
| 20. B. Brajya Naik   | B. Brajya Naik    |
| 21. T. Deepak        | T. Deepak         |
| 22. P. Sudheer       | P. Sudheer        |
| 23. T. Babu          | T. Babu           |
| 24. V. Babitha       | V. Babitha        |
| 25. Anil Kumar       | Anil Kumar        |
| 26. Anil Kumar       | Anil Kumar        |
| 27. Anil Kumar       | Anil Kumar        |
| 28. Anil Kumar       | Anil Kumar        |
| 29. Anil Kumar       | Anil Kumar        |
| 30. Anil Kumar       | Anil Kumar        |
| 31. Anil Kumar       | Anil Kumar        |
| 32. Anil Kumar       | Anil Kumar        |
| 33. Anil Kumar       | Anil Kumar        |
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| 49. Anil Kumar       | Anil Kumar        |
| 50. Anil Kumar       | Anil Kumar        |

# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY      SL.NO

### Problem Solving

**Title of the Event** : Chemistry Quiz  
**Date** : 19-12-2018      Time : 10.00AM  
**Venue** : Class Room  
**Co-ordinator** : N Suneetha  
**No. of Staff Members involved** : 5  
**No. of Students Participated** : 25

#### **Objective of the Event :**

It helps students identify what they know and what they don't know, better idea of how well they are grasping the material.

#### **Plan and Execution :**

Students come to class room and divided into groups.

#### **Outcome of the Event:**

Helpful, motivating the students.

#### **Suggestions:**

Students are placed in the right attitude for learning.

#### **Evidences:**



Ph:0863-2227649

**HINDU COLLEGE, GUNTUR – 522 003**

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

## CHEMISTRY QUIZ - 19-12-2018

### STUDENTS PARTICIPATED TEAMS

#### Group – 1

1. Balavani
2. Surya
3. Deepak
4. Trinadh
5. Sai Ysaswy

#### Group – 2

1. Pal
2. Afreed
3. Koti
4. Sujan
5. Manikanta

#### Group – 3

1. A. Venkat Dayal
2. K. Anand Sagar
3. B. Bhargava Varma
4. Balraju
5. Ayyappa

#### Group – 4

1. Yesubabu
2. Pradeep
3. Prathap
4. Basha
5. Gopal Krishna

#### Group – 5

1. Hussain
2. Satyanarayana
3. Ankamma Rao
4. Pavan
5. B. Bojya Naik





Ph:0863-2227649

**HINDU COLLEGE, GUNTUR – 522 003**

(Re-accredited by NAAC as Grade 'A' with CGPA 3.07)

## PRIZE WINNERS OF CHEMISTRY QUIZ

### 1<sup>st</sup> Prize

#### Group – 3

1. A. Venkat Dayal
2. K. Anand Sagar
3. B. Bhargava Varma
4. Balraju
5. Ayyappa

### 2<sup>nd</sup> Prize

#### Group – 1

1. Balavani
2. Surya
3. Deepak
4. Trinadh
5. Sai Ysaswy

### 3<sup>rd</sup> Prize

#### Group – 2

1. Pal
2. Afreed
3. Koti
4. Sujan
5. Manikanta

Quiz



# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## EXPERIENTIAL-C2

**Title of the Event** : Plastic Waste Pollution Campaign  
**Date** : 04-10-2019 Time : 10.00AM  
**Venue** : Market Area (Main Road)  
**Co-ordinator** : Dr. t. Uma Maheswara Rao  
**No. of Staff Members involved** : 4  
**No. of Students Participated** : 30

### **Objective of the Event :**

The Campaign initiative aims to establish environment – friendly Plastic Waste disposal solutions. To ban the use of Plastic bags and Plastic Products and reduce Plastic littering across the street.

### **Plan and Exectuion :**

Student gathered in campus on 04-10-2019at 10.00am. they prepared slogans and pasted then on boards. They kept campaigning items and went to market area. They created awareness among the people.

### **Outcome of the Event:**

People got awared about the pollution arised by plastic bags and plastic products. They understood the usage of the cloth bags.

### **Suggestions:**

Do not use Plastic Bags and Plastic Products and use Cloth Bags.



Signature of H.O.D

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## EXPERIENTIAL-C2

**Title of the Event** : Industrial Visit  
**Date** : 02-12-2019 Time : 10.00AM  
**Venue** : Jocil  
**Co-ordinator** : Dr. T. Uma Maheswara Rao  
**No. of Staff Members involved** : 4  
**No. of Students Participated** : 30

### **Objective of the Event :**

The Program to visit JOCIL Chemical Industry is designed to train students to acquire knowledge and Practical skills than can make the to be employable.

### **Plan and Exectuion :**

Students gathered in college campus on 02-12-2019 at 10.00am. we went to the industry by bus. It is 20kms far from the college campus.

### **Outcome of the Event:**

Students learned how to prepare soaps, shampoos and other manufacturing items. To know which latest machinery is used in manufacturing. They collected the total information from that industry and need marketing skills.

### **Suggestions:**

The tour is innovative and knowledgable.

### **Evidences :**



Jocil Industry visit of BSc students  
on ~~10/09/2018~~ 10/09/2018





- |                        |                       |
|------------------------|-----------------------|
| 1. Sk. Subhani         | sk. Subhani           |
| 2. L. Lavanya          | L. Lavanya            |
| 3. P. Himam            | N. Himam              |
| 4. G. Rakesh           | G. Rakesh             |
| 5. N. Hareesh          | N. Mahesh             |
| 6. G. Ravi Teja        | G. Ravi Teja          |
| 7. A. Jagadeesh        | A. Jagadeesh          |
| 8. V. Lakshmi Lakshmi  | V. Lakshmi Lakshmi    |
| 9. J. Ganesh           | V. Ganesh             |
| 10. N. Sruvani         | M. Sruvani            |
| 11. SR. Babu           | S. Babu               |
| 12. K. Divakar         | K. Divakar            |
| 13. B. Sambhagya       | B. Sambhagya          |
| 14. J. Chinna          | J. Chinna             |
| 15. K. Gagani          | K. Sagar              |
| 16. Venkateswara Reddy | V. Venkateswara Reddy |
| 17. Anil Joshi         | A. Anil Joshi         |
| 18. P. Aditi Krishna   | P. Aditi Krishna      |
| 19. S. Saiida Basha    | S. Saiida Basha       |
| 20. B. Pavani          | B. Pavani             |
| 21. T. Ganesh          | T. Ganesh             |
| 22. H. Sruvani         | H. Sruvani            |
| 23. S. Tejeswara Reddy | S. Tejeswara Reddy    |
| 24. S. Numa Swami      | S. Numa Swami         |
| 25. T. Veesu Babu      | T. Veesu Babu         |
| 26. B. Sandhya Madhavi | B. Sandhya Madhavi    |
| 27. D. Elisha Rani     | D. Elisha Rani        |
| 28. T. Sathesh         | T. Sathesh            |
| 29. B. Anil Malik      | B. Anil Malik         |
| 30. B. Sathish         | B. Sathish            |

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## EXPERIENTIAL-C2

**Title of the Event** : OZONE DAY  
**Date** : 16-09-2020 Time : 11.00AM  
**Venue** : Seminar Hall  
**Co-ordinator** : Dr. t. Uma Maheswara Rao  
**No. of Staff Members involved** : 4  
**No. of Students Participated** : 35

### **Objective of the Event :**

Ozone layer depletion – Focal area is to protect human health and the environment by assisting countries to phase out consumption, Production & Prevent reduces of ODS according Montreal Protocol.

### **Plan and Exectuion :**

Students gathered at the seminar hall on 16-09-2020 at 11.00am. the Physics and Chemistry lecturers about Ozone depletion. Essay writing competitions are conducted.

### **Outcome of the Event:**

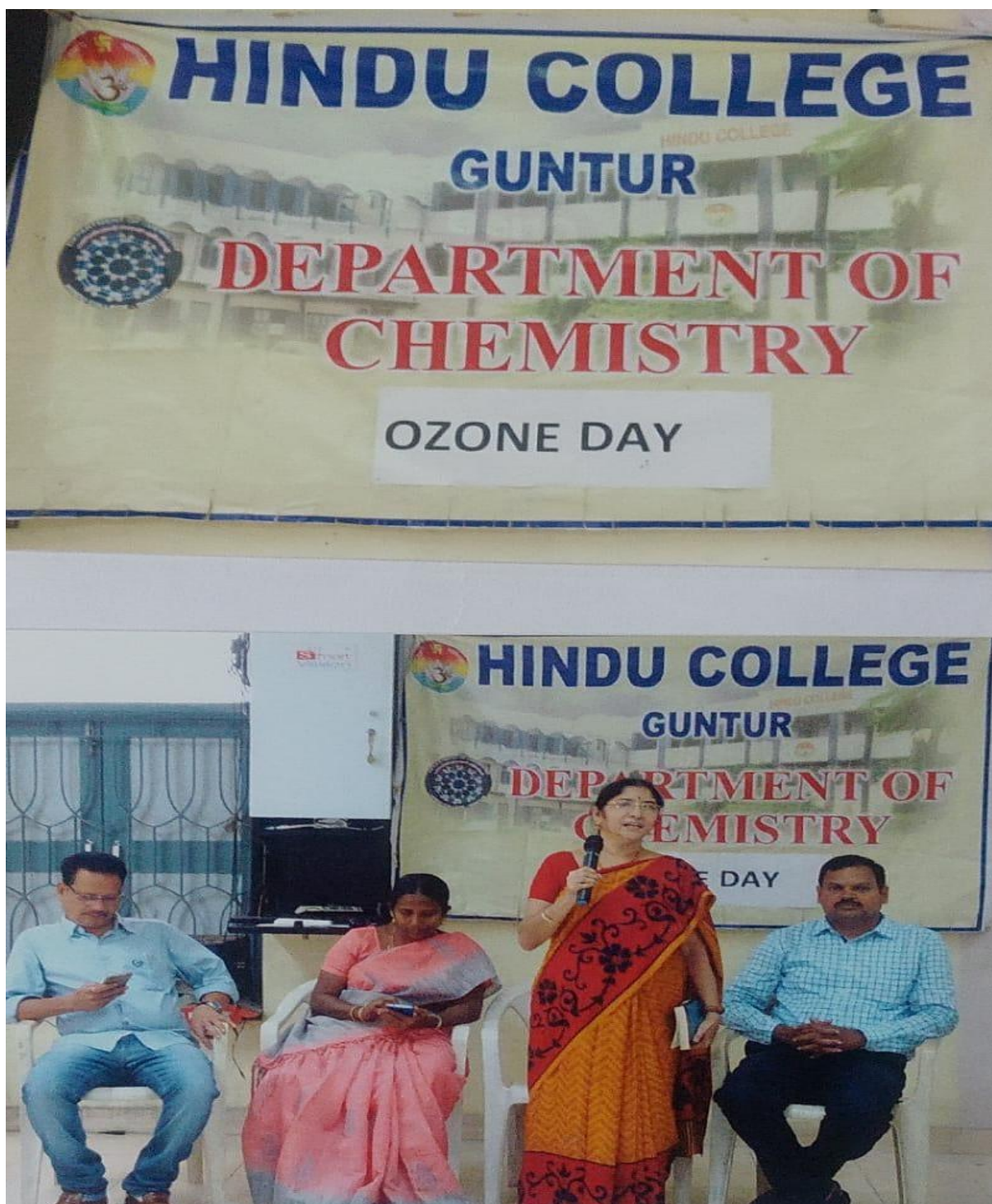
To aware which chemicals are caused to Ozone depletion. CFC'S ARE THE MAIN CAUSES TO Ozone depletion. Student must know with CFC's products

### **Suggestions:**

Do not use gasoline fuels. Do not use CFC's products.

**Evidences : 2 Photos**





Signature of H.O.D



**HINDU COLLEGE, GUNTUR**  
**DEPARTMENT OF CHEMISTRY      SL.NO**

**Title of the Event** : Best Student Award  
**Date** : 16-11-2021      Time : 11.00am  
**Venue** : Seminar Hall  
**Co-ordinator** : Dr. T. Uma Maheswara Rao  
**No. of Staff Members involved** : 3  
**No. of Students Participated** : 20

**Objective of the Event :**

Award Function

**Plan and Exectuion :**

Students gathered in the seminar hall and arranged the function. Staff also attended.

**Outcome of the Event:**

Encouragement of the students.

**Suggestions:**

**Evidences :**



Signature of H.O.D

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## Participative-C2

**Title of the Event** : Work shop (Soap Oil preparation)

**Date** : 11-02-2022 Time : 2.00pm

**Venue** : Chemistry Lab

**Co-ordinator** : Dr. T. Uma Maheswara Rao

**No. of Staff Members involved** : 4

**No. of Students Participated** : 25

### **Objective of the Event :**

The soap oil preparation is aim to clean articles of clothing, utensils etc. for maintenance of general hygiene by human beings.

### **Plan and Exectuion :**

Students gathered in the campus on 11-02-2022 at 2.00 pm. We brought chemicals for the preparation Distilled Water and equipment are arranged.

### **Outcome of the Event:**

The soap oil is prepared easily for the domestic purpose also. Large quantity of soap is prepared with less amount. Students learned how to prepare the soap oil.

### **Suggestions:**

It is easily prepared for domestic purpose. It is very cheap for the preparation.

### **Evidences :**









Signature of H.O.D

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## Experiential-C2

**Title of the Event** : National Science Day  
**Date** : 28-02-2022 Time : 11.00am  
**Venue** : Seminar Hall  
**Co-ordinator** : Dr. T. Uma Maheswara Rao  
**No. of Staff Members involved** : 8  
**No. of Students Participated** : 35

### **Objective of the Event :**

It is celebrated every year on February, 28 each year to mark the discovery of the Raman effect students comes to seminar hall at 11.00am. staff also comes to the function and delivered about the C.V. RAMAN.

### **Plan and Exectuion :**

It si celebrated to keep people aware and spread a message about the importance of scientific theories and applications in every life importance of scientific theories.

### **Outcome of the Event:**

Importance of science and whats the recent development of science.

### **Suggestions:**

### **Evidences :**





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# HINDU COLLEGE, GUNTUR

## DEPARTMENT OF CHEMISTRY SL.NO

### Participative-C2

**Title of the Event** : Current Research Opportunities in Material Science – A back bone of Modern Teaching.

**Date** : 06-07-2022 Time : 11.00am

**Venue** : New Seminar Hall

**Co-ordinator** : Dr. T. Uma Maheswara Rao

**No. of Staff Members involved** : 5

**No. of Students Participated** : 50

#### **Objective of the Event :**

Material science and engineering drives innovation in both research and Industry in everything from aerospace to medicine.

#### **Plan and Execution :**

#### **Outcome of the Event:**

In Material Science and engineering will have demonstrated and ability to identify formulate and solve complex engineering problems and applying principles,

#### **Suggestions:**

It is good and innovative to the students, what is in present material are used.

#### **Evidences :**



**HINDU COLLEGE, GUNTUR**



**Department of Chemistry**

**INVITATION**

**GUEST LECTURE**

on

**Current Research Opportunities in  
Material Sciences – A Backbone of  
Modern Technology**

by

**Dr. Maram Pardhasaradhi**  
Associate Professor  
Department of Chemistry  
SRM University – AP  
Amaravathi

Venue : New Seminar Hall

Date : 6<sup>th</sup> July, 2022

Time : 11.00 A.M.

**Dr. T. UMAMAHESWARA RAO**  
Department Chemistry

**P.M. PRASAD**  
Principal (FAC)





**Li / TiS<sub>2</sub> or Li / MoS<sub>2</sub>**

**Formation of Lithium dendrites**

Metallic lithium      Whiskers/dendrites

Ti<sub>1.025</sub>S<sub>2</sub>

2.2V

Electrolyte      Cathode: TiS<sub>2</sub>

30

**Enormously increasing the demand for Li-ion batteries!!!**

Year	Consumer use (GWh)	Electric-powered vehicles (GWh)	Total (GWh)
2005	5	0	5
2006	6	0	6
2007	7	0	7
2008	8	0	8
2009	10	0	10
2010	12	0	12
2011	15	0	15
2012	20	0	20
2013	25	0	25
2014	30	0	30
2015	35	5	40
2016	40	15	55
2017	45	25	70
2018	50	35	85

LIB sales (GWh)

Year

- Electric-powered vehicles
- Consumer use

- It is not safe to depend on single battery system and that too one particular element (Lithium)

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**HINDU COLLEGE, GUNTUR**  
**DEPARTMENT OF CHEMISTRY      SL.NO**  
**EXPERIENTIAL-C2**

**Title of the Event** : Aazadika Amrit Mahotsav  
(Science and Technology Competitions)

**Date** : 03-08-2022    Time : 2.00 to 5.00 PM

**Venue** : New Seminar Hall

**Co-ordinator** : N. Suneetha

**No. of Staff Members involved** : 3

**No. of Students Participated** : 35

**Objective of the Event :**

The competition is to motivate young people to engage with science, to encourage them to work in science and technology. No of scientist increases in this technology, the country will get best position in the world.

**Plan and Exectuion :**

By the call of central government the college conducted Aazadika Amrit Mahotsav in the campus. On the behalf of Chemisty Department. We conducted competitions . on Science and Technology.

**Outcome of the Event:**

Students learned different types of latest technology using in Medicine, Agriculture and Stellites.

**Suggestions:**

Due to the competitions students got awareness on Science and Technology

**Evidences : 2 photos**





Signature of H.O.D

# HINDU COLLEGE, GUNTUR

DEPARTMENT OF CHEMISTRY SL.NO

## Experiential-C2

**Title of the Event** : Industrial Visit  
**Date** : 20-09-2022 Time : 10.00am  
**Venue** : AP Zenco, Vijayawada  
**Co-ordinator** : Dr. T. Uma Maheswara Rao  
**No. of Staff Members involved** : 3  
**No. of Students Participated** : 30

### **Objective of the Event :**

The programme to visit AP ZENCO Chemical industry is designed to train students to acquire knowledge and Practical skills that can make them to be employable.

### **Plan and Execution :**

Students gathered in college campus on 20-09-2022 at 10.00am. We went to the industry by bus. It is 35kms far from the college campus.

### **Outcome of the Event:**

### **Suggestions:**

### **Evidences :**



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