

3.3.2.1 Number of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship and skill development during the year 2021-22

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**GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET,
HYDERABAD.**

Telangana Skills & Knowledge Centre (TSKC)

NAANDI One Week training Program on Employability Skills

(27-09-2021 to 06-10-2021)

A one week training program on employability skills was Organised by NAANDI Foundation as a part MoU has been made by Commissionerate of Collegiate. From final year 467 students attended and successfully completed the program. Day wise program details mentioned below

| | |
|-------|------------------------------------|
| Day 1 | This is me + I am Unique |
| | Body Language Grooming and Hygiene |
| | Yes we can |
| Day 2 | Time Management |
| | Social manners |
| | Point of view |
| Day 3 | Story Board |
| | Goal Setting |
| | Money management |
| Day 4 | Count Your blessings |
| | Interview Preparation |
| | Interview Preparation |
| Day 5 | Professional Ethics |
| | Group Discussion |
| | Explaining a Process |
| Day 6 | Skit Preparation |
| | Skit Presentation |
| | Extempore Advance |
| Day 7 | GD |
| | Jam |
| | Spreading happiness |

MoU with Anudip Foundation

Anudip Foundation is a non-profit organization which transforms lives by creating aspirational livelihoods through digital inclusion in emerging economies with operations in India and USA. Anudip has been empowering motivated young job aspirants from difficult backgrounds since 2007. Anudip beneficiaries, youth and women, are from high-need, marginalized communities.

We signed an MoU with Anudip foundation on 4th October 2021. Part of MoU, this foundation going to train 250 number of final year students, in collaboration with **Bank of America** initiated **"Socio Economic Development Program"** for Marginalized Youths at Hyderabad. It aims to identify, enroll and train final year Graduates/ Graduates and above by delivering training session **on IT skills in "CEDES" & "CEIT"**. 30% of the trained students **will be hired by MNC's with our Partners - HSBC, Bank of America, Well Fargo, Capgemini, Accenture**. 70% Attendance and successful completion in ENGURU is mandate to certified. Training program starts from Last week/First week of October/November, 2021.

Update : IT skills in CEDES & CEIT courses started by Anudip and in first batch 120 students from B.Com., are attending the classes.





4 GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET, HYDERABAD.

Telangana Skills & Knowledge Centre (TSKC)

NIMSME Training at Yousufguda, Hyderabad.

(07-03-2022 to 26-03-2022)

Live Forever Academy are partners with National Institute of MSME, Yousufguda have offered FREE Communication & Soft Skills Training for SC /ST Students of I year of GDCW, Begumpet and they have received Certificates also. They have assured Placement Assistance after the Training. The training was conducted from 7th March 2022 to 26th March 2022. Ms. Kusuma Priya was the program Coordinator.







**GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET,
HYDERABAD.**

Telangana Skills & Knowledge Centre (TSKC)

ORJA PROGRAM

(6-05-2022 to 17-05-2022)

OORJA Program was conducted in the college campus from 06-May 2022 to 17 May 2022. There were five trainers to train the students. Ms. Bhagyasree was the program Manager. The aim of the program was to impart the training to the students on how to stay safe and hygienic. It was taught on how to overcome Menstrual issues. In a play way method and with different activities students were trained on how to bring out the OORJA (inner light) present in them. Few sessions of Power point were also taken by the trainers to make students learn the concept of Power point Presentations. The program was also focused on the readiness of students for the job drives.



1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Hyderabad
Telangana
India
2022-05-06(Fri) 10:00



ACADEMY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Hyderabad
Telangana
India
2022-05-06(Fri) 09:38

06-05-2022 (Day 1)



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Telangana
India
2022-05-06(Fri) 09:34



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Telangana
India
2022-05-06(Fri) 09:34



07-05-2022 (Day 2)



09-05-2022 (Day 3)



10-05-2022 (Day 4)



Hyderabad, Telangana, India
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 Long 78.459798°
 10/05/22 03:05 PM



Hyderabad, Telangana, India
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 11/05/22 12:12 PM

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11-05-2022 (Day 5)

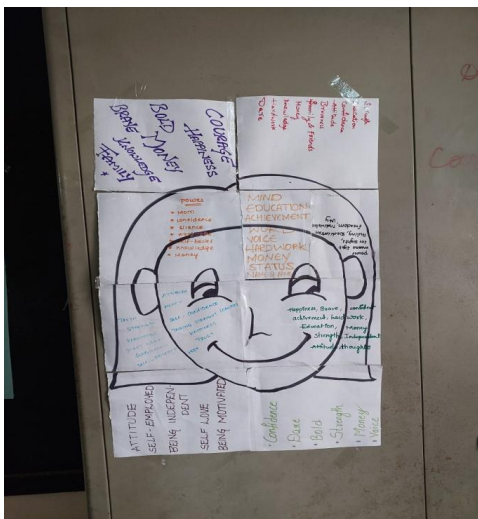


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12-05-2022 (Day 6)

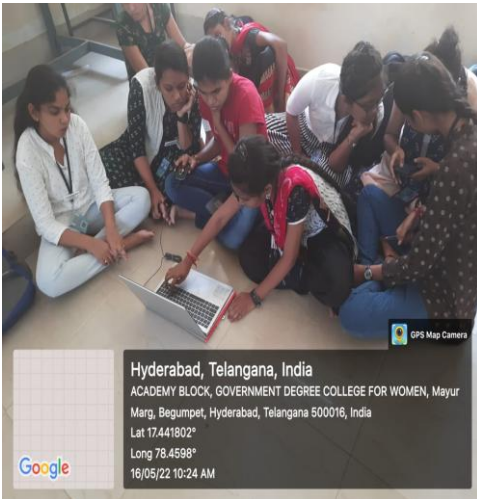




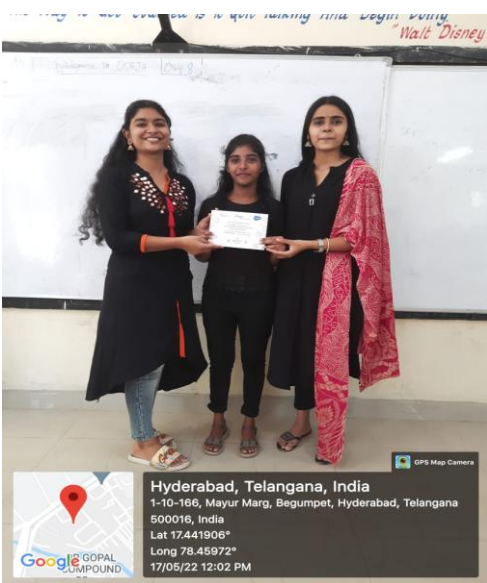
13-05-2022 (Day 7)



16-05-2022 (Day 8)



17-05-2022 (Day 9)

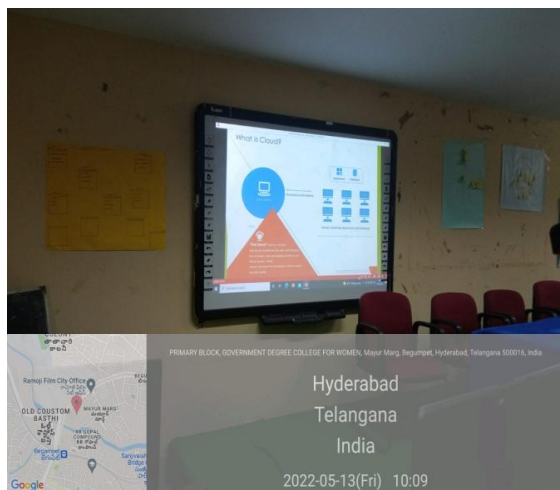
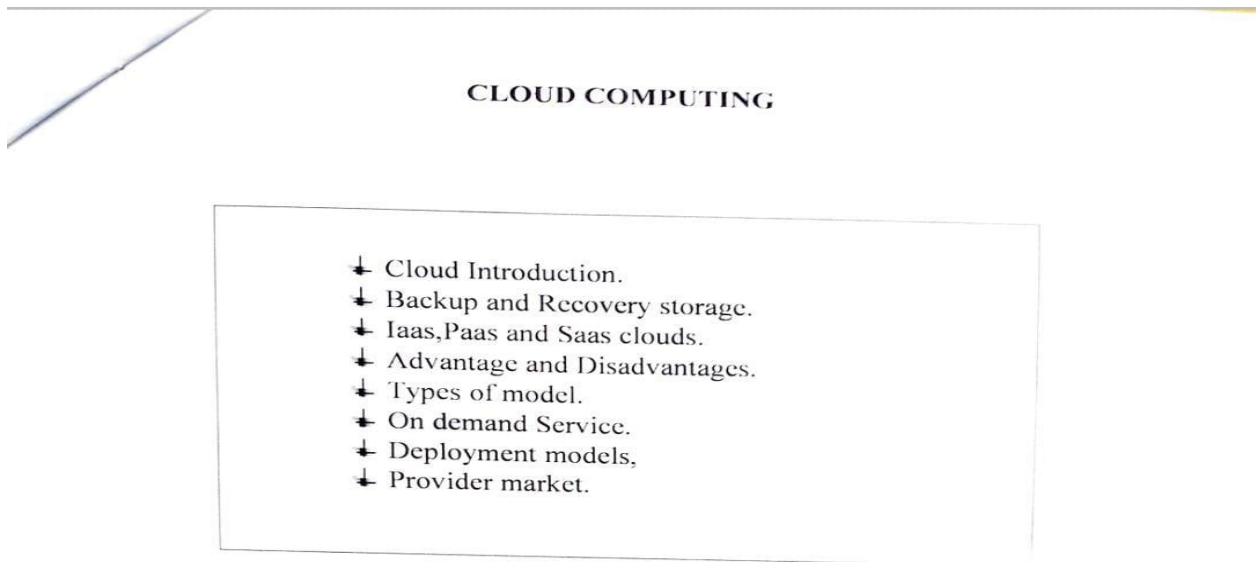


**GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET,
HYDERABAD.**

Telangana Skills & Knowledge Centre (TSKC)

Cloud Computing Program on 13-05-2022

GDCW Begumpet in Collaboration TASK (Telangana Academy for Skill and Knowledge) conducted One Day Training program on CLOUD COMPUTING on 13-05-2022 in the conference hall of our College. **Shri Muruganandham IAS, Additional Chief Secretary, Finance Department , Govt of Tamilnadu and Mr.Srikanth Sinha , CEO of TASK were the chief guests.** Both the dignitaries gave some valuable suggestions to the students. Ms.Divya Jyothi was the trainer from TASK who delivered the topic of Cloud Computing. Students were exposed to this new Technology. 123 students have attended the session. Students of 1st year and 3rd year were present in the program. Snacks were distributed to the program attended students.





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2022-05-13(Fri) 10:07



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2022-05-13(Fri) 10:06



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2022-05-13(Fri) 10:47



PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Hyderabad
Telangana
India
2022-05-13(Fri) 10:47

**GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET,
HYDERABAD.**

Telangana Skills & Knowledge Centre (TSKC)

Hardware Networking Course by Anudip Foundation

(April 2022 to June 2022)

The first year students of GDCW college were enrolled into the Hardware Networking course. This course was sponsored by Anudip Foundation. Mr. Pranith was the trainer of this course. The course started in the month of April 2022 and completed by the end of June 2022.

Students have learned on how to assemble-disassemble a computer, information about the parts of a computer and its working and new other technical concepts .

**Anudeep Foundation
Hardware Networking Course Content**

WINDOWS OS

DOS Fundamentals
Computer Basics
Identification of PC Components
Motherboard
Microprocessors
Memory
SMPS
I/O Ports
Storage Devices
Printers
Control Panel Settings

PRACTICALS

Assembling & Disassembling
Operating System Installation
Dual Booting
Motherboard Drivers Installations
Application Software Installations
Third Party Tools Installation
Local User & Groups Management
Disk Management
Data Recovery
Shrink & Extend HDD Partition
Password Breaking
Data Back-up & Restore
Printer Configuration
Troubleshooting

NETWORKING

1. Fundamentals of Networking
2. Types Of Network
3. Topologies
4. Network Models
5. Cables & Connectors
6. Types Of Communication
7. Communication Devices
8. Cabling & Crimping
9. Ethernet Network & NIC
10. Protocols
11. MAC Address
12. IP Address
13. OSI Reference Model
14. TCP/IP Model
15. IEEE Standards

PRACTICALS

1. Crimping
2. Assigning IP Address
3. Network Setup
4. Communication Checking with "PING"
5. File Sharing Between two Systems
6. Remote Desktop
7. Remote Assistance
8. Network Printer Sharing
9. DC Configuration
10. DNS Configuration
11. Client Configuration
12. Domain User Login
13. DHCP Configuration
14. Network Troubleshooting



PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Hyderabad
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2022-05-17(Tue) 11:56



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Hyderabad
Telangana
India
2022-05-18(Wed) 12:04



PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Hyderabad
Telangana
India
2022-05-19(Thu) 11:51



PRIMARY BLOCK, GOVERNMENT DEGREE COLLEGE FOR WOMEN, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India
Hyderabad
Telangana
India
2022-05-19(Thu) 11:51



Hyderabad, Telangana, India
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Long 78.459516°
21/05/22 12:42 PM
PR GOPAL COMPOUND





GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS), BEGUMPET, HYDERABAD.

Telangana Skills & Knowledge Centre (TSKC)

Web-Designing Course by Anudip Foundation

(April 2022 to June 2022)

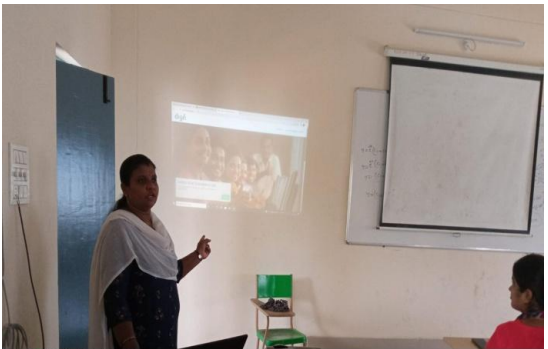
The final year students of our college were enrolled into the Web Designing course. This course was sponsored by Anudip Foundation. Ms. Varalaxmi was the trainer of this course. The course started in the month of April 2022 and completed by the end of June 2022. Students have learned on how to host a website and new technical concepts during this training.



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2022-05-12(Thu) 12:19



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2022-05-12(Thu) 12:18



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2022-05-17(Tue) 11:54



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2022-05-18(Wed) 11:58



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Hyderabad
Telangana
India
2022-05-19(Thu) 11:52



ENTREPRENEURSHIP DEVELOPMENT PROGRAMMETRAINING PROGRAMME IN FTCII

Objective: 1) To make the students to know about the various aspects of starting new business.

2) To make them understand about the Government Schemes to start a new business.

Entrepreneurship Development Cell Coordinator has selected 11 students to participate in the College sponsored Training Programme in FTCII for three days from 24- 11-21 to 26-11-21. This programme is mainly intended for “Women Entrepreneurship”. During these three days sessions were conducted on the topics like Government Schemes to support Entrepreneurship, basic Accounts required for Business, How to prepare a Business proposal, MSME Schemes, KVIC Schemes. Totally 11 students from BA, B.Com and BBA were selected to

participate in the programme. The students participated in the training programme and interacted with the Resource persons. They have also prepared a model business proposal at the end of the sessions.

Outcome:

- 1) Students came to know about the process of starting a new business.
- 2) Students prepared a business plan and presented it before the FTCCII Faculty and other Participants.



Govt. Degree College for Women(A), Begumpet,Hyd

Hands on training Workshop on Mushroom Cultivation

Objective:

1. To enable the students to know about the Mushroom culture and cultivation for business purpose

Entrepreneurship Development Cell and Department of Microbiology in collaboration with Anwarul-Uloom College and Microbiologists Society, India and Agromonks has organized a workshop on Mushroom cultivation on 18th December 2021. In this workshop Phanindar and Sathish from Agromonks has served as resource persons. Students from both Anwarul-Uloom college and GDC W Begumpet have attended the workshop. In this resource persons have explained the theory and practical part of mushroom cultivation. Students learnt how to make mushroom beds. They prepared beds and they took to home also. As part of this workshop, resource persons from Agromonk has assured product buy back, lifelong free guidance and equipment supply in future for all the students who got trained.

Outcome:

Students were able to grow mushrooms and could see how it can be used for future business.



Students participating in Mushroom cultivation

ENTREPRENEURSHIP DEVELOPMENT PROGRAMME

INNOVATION DAY CELEBRATIONS

Objective:

- 1) To enable the students to know about the importance of Innovations.
- 2) To develop diverse thinking skills while preparing models.

The Entrepreneurship Development Cell in has conducted an Awareness Programme on account of “ Innovation Day” on 21-4-2022 to the students. The Coordinator, EDCCell Dr.N. Vijaya Raghavi has spoken about the importance of Innovation and Start-up Entrepreneurship. They conducted an Essay Writing Competition on the “Importance of Innovation in Modern Era.” Nearly 23 students participated in the event. Later Charts were given to the Students to prepare Innovative crafts. Five teams have participated in the event. The Prize winners of the Essay writing are:

1. Nikitha Bhavani, II BA (HEP)
2. B. Sirisha II BA (EPP)



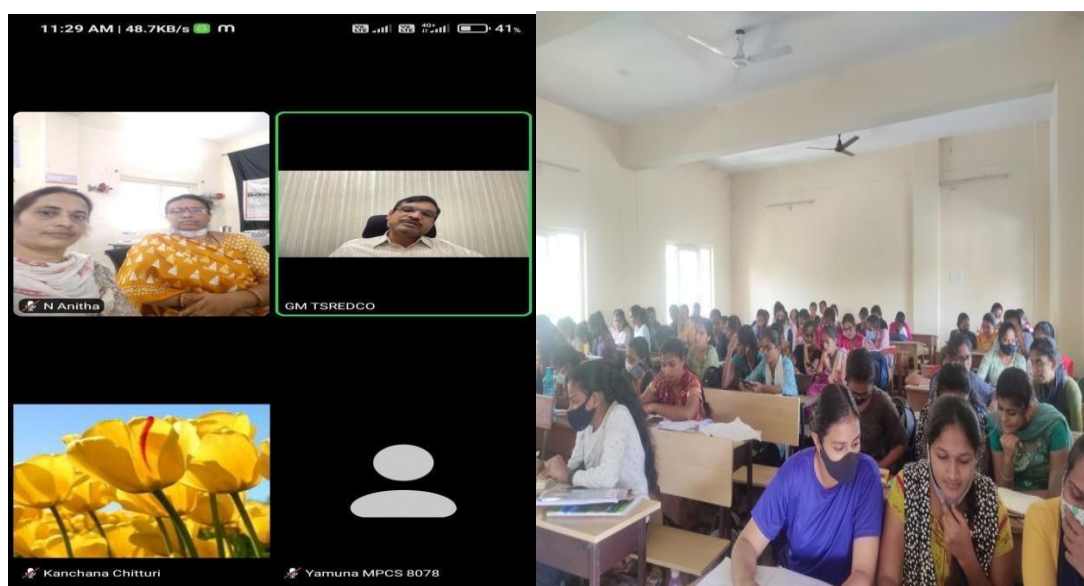
3. Samreen II B.Sc. BZC

Outcome: 52 students from BA, B.Com, BBA and B.Sc participated in the event as a part of Innovation and could do Team work along with other students to prepare crafts and models with charts.

DEPARTMENT OF PHYSICS

[Webinar on Applications of Renewable Energy,TSREDCO on 08-11-21](#)

Webinar on Applications of Renewable Energy by GSV Prasad,TSREDCO on 08-11-21. The Resource person have explained on different sources of Renewable energy and solar energy importance and he has enlightened the students on different projects undertaken by the Government of India for sustainable development



DEPARTMENT OF PHYSICS

Workshop on fabrication of electronic devices on 26-12-21

Workshop on fabrication of electronic devices on 26-12-21 was organized for the students of B.Sc II and III year students by Innovative technologies Director Dr.Hameed who have an MOU for 3 years Students were doing the projects with Hands on and list of sensor projects are 1.HIGH SENSITIVE ALCOHOL SENSOR WITH AUTO CAR IGNITION DISABLE FUNCTION,2.Burglar alarm,3.FIRE DETECTOR WITH AUTOMATIC WATER SPRINKLER SYSTEM TO AVOID FIRE ACCIDENTS,4.IR Based Automatic Hand Sanitiser Dispenser,5.Laser beam security system,6.Metal Detector,7.Plant Moisture Monitoring System,8.Temperature based fan speed control,9.Simple Water Level Indicator Alarm using Transistors and10. SOLAR BASED MOBILE CHARGER WITH MULTI PORTS.After fabrication of above devices we have distributed certificates of Appreciation by the Principal.



DEPARTMENT OF PHYSICS

National Symposium on Applications of LASERS on 26-3-2022

National Symposium on Applications of LASERS was organized on 26-3-2022 and the Resource Persons for this event are from Prof G.Manoj Kumar, University of Hyderabad and Dr.Sree Ramana, Scientist –F DRDO, Hyderabad. Students of B.Sc were actively participated in interaction mode and they were enlightened on the Applications of LASERS in Spetroscopy for characterization of different samples in the field of sciences and in the defense applications

[https://docs.google.com/forms/d/e/1FAIpQLScmBgieJOpEZoMM407f2Ze59quR6BlrQCSmChaQP1ymA4fy9A/viewform?usp=sf link](https://docs.google.com/forms/d/e/1FAIpQLScmBgieJOpEZoMM407f2Ze59quR6BlrQCSmChaQP1ymA4fy9A/viewform?usp=sf_link)

GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)
BEGUMPET, HYDERABAD - 500016

AZADI KA AMRIT MAHOTSAV CELEBRATIONS - ATMA NIRBHARATA IN SCIENCE
 NATIONAL SYMPOSIUM(OFFLINE AND ONLINE)

CERTIFICATE OF PARTICIPATION

This is to certify that
Ch.kanchana Latha
of
Assistant professor of physics,GDC Begumpet
has participated in National Level Event on **"APPLICATIONS OF LASERS IN SPECTROSCOPY AND DEFENSE"**
Dated **26.03.2022** *Organized by*
Department of FACULTY OF PHYSICS.

Dr.Ch.Kanchanalatha
 Dr.Ch.Kanchanalatha
 HOD|Physics

Dr.K.Padmavathi
 Dr.K.Padmavathi
 Principal

Certificate ID MXRIMG-CE000001

Made for free with Certify'em

GOVERNMENT DEGREE COLLEGE FOR WOMEN (A)
BEGUMPET, HYDERABAD - 500016

AZADI KA AMRIT MAHOTSAV CELEBRATIONS - ATMA NIRBHARATA IN SCIENCE
 NATIONAL SYMPOSIUM(OFFLINE AND ONLINE)

APPLICATIONS OF LASERS IN SPECTROSCOPY AND DEFENSE
 ORGANISED BY FACULTY OF PHYSICS

Resource Persons



DR.G.MANOJ KUMAR
 PROFESSOR OF PHYSICS
 UNIVERSITY OF HYDERABAD



DR. SREE RAMANA
 SCIENTIST-F,DRDO,
 KANCHANBHAG,HYDERABAD

 26-03-2022

 FROM 10 AM Onwards

 ZOOM ID: 9440237082
 PWD: physics

CONVENOR
DR. CH. KANCHANALATHA
 HOD PHYSICS
DR.M.SUNDARAMURTHY
 SMT.N.ANITHA

Principal
Dr.K.Padmavathi



Government Degree College for Women, Begumpet

Women Empowerment Cell

SELF DEFENCE PROGRAM

TELANGANA POLICE

Dt.24-10-2021

On the occasion of 7 th Anniversary of SHE TEAMS,Telangana Police,initiated by the students from various groups of Govt. Degree college for Women, Begumpet participated in the Self Defense program at Tankbund, Hyderabad. Students were trained by Mr. Devender, self defence trainer and coordinator for SHE TEAMS, Telangana state Police.

The program was organized Women Empowerment Cell in collaboration with Physical Department and Journalism Department under the guidance of honourable Principal,Dr. K. Padmavathi and Women Empowerment Committee, Convener Dr. P.S.Rajani and the members Dr.K Praneetha, Mrs.Shilpa vally,PD,Dr. Kamala and Dr. Madhuri. The program was started with classical dance by Sathvika,BA IIIyear and followed by Zumba dance .Later students presented self defence feats and it was air rockperformance. Then after our students presented skit on sexual harassmt on women in the society and how to get rid and protect themselves through self defence. This program was appreciated by all and specially by City Civil Court Judge Honourable judge Muralimohan sir and SHE TEAM incharge, Mrs.Sumathi,IPS.

Later certificates were distributed to the college as well as students to encourage their innersportiveness.

No. of Students Participated:127

No. of Teachers Participated:5





GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET

Dept. of Biotechnology and Zoology

Training Program on “Diagnosis & Management of Genetic diseases”

Dt: 27-10-2021

The department of Biotechnology and Zoology organized a training program in collaboration with Institute of Genetics, Hyderabad on “Diagnosis and management of Genetic Diseases” on dt.27-10-2021.

Objective of the Program:

The final year student’s of Biotechnology have undergone training on various molecular biology techniques for understanding diseases .The main aim of this program was making them understand how cells work in healthy and diseased states, cell biologists working in animal, plant and medical science will be able to develop new vaccines, more effective medicines, plants with improved qualities and through increased knowledge a better understanding of how all living things live.Eventually it will be possible to produce a ‘health forecast’ by analyzing your database of genetic and cell information. Using this you will be able to take more control over your health in a preventive way.

The final year students of BtZC (36) attended workshop on Molecular and Clinical Genetics, the workshop included various techniques

Day 1. Lymphocyte culturing – chromosomal Analysis, karyotyping

Day 2. Evaluation of the DNA Damage using comet Assay

Day 3 Clinical Genetics

Day 4. Biochemical tests to determine genetic disorders,

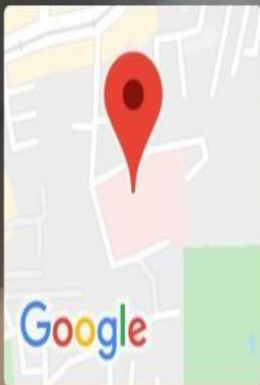
Day 5. Pedigree analysis,

Day 6. Observing down syndrome patient in presence of doctor

ORIENTATION PROGRAMME:



GPS Map Camera



Hyderabad, Telangana, India

Ameerpet Road, Begumpet, Greenlands, Begumpet, Hyderabad, Telangana

500016, India

Lat 17.432981°

Long 78.451964°

27/09/21 11:09 AM

LAB SESSIONS:







Institute of Genetics & Hospital for Genetic Diseases
Unveiling the future

Date: 01-10-2021

CERTIFICATE OF TRAINING

This is to certify that Ms. L. Prasanna has participated in Internship program on "Clinical Diagnosis, Cytogenetic, Biochemical & Molecular techniques in the Diagnosis of Genetic Diseases" from 27-09-2021 to 01-10-2021 at the Institute of Genetics and Hospital for Genetic Diseases Osmania University, Begumpet, Hyderabad.

A. Venkateshwar

DIRECTOR

DIRECTOR
Institute of Genetics &
Hospital for Genetic Diseases
Osmania University
Begumpet, Hyderabad - 16.

GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET

Dept. of Zoology

WORKSHOP ON MOLECULAR BIOLOGY TECHNIQUES

Dt.28-04-2022

Keeping in view of many newly erected diseases related to genetics ,Department of Zoology organized “workshop on Molecular Biology Techniques” to get aware of various techniques and its uses for the students.

Molecular Biology primarily concerns with understanding the interactions between the various systems of a cell including the interactions between DNA,RNA and protein synthesis as well as learning how these interactions are regulated. It provides an in depth understanding of the mechanisms related to cell’s physiology and survival. While the classical methods retain their importance, the high fidelity techniques of molecular biology gather additional corroborative, reliable and reproducible data.

Objective of the program:

Molecular biology pertains to the study of living systems at the DNA,RNA, protein levels and how these molecules can be modified and harassed for practical applications. Knowledge of the natural function of these molecules in the cell provides a context appropriate for further advancement in the rapidly expanding areas of functional genomics, cell biology, biotechnology, microbiology, diagnostics, therapeutics and personalized medicine.

Outcome of the program:

Students will understand about molecular diagnosis using nucleic acids (DNA or RNA) is not only limited to medicine, but can be applied in so many diverse fields such as:

- 1.Popular Genetics
- 2.Toxicology
- 3.Pharmaco genomics
- 4.Forensics
- 5.Archaeology

6. Palaeontology

7. Genetically modified organisms

No. of students attended: 49

GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET, HYDERABAD



(Autonomous - Affiliated to Osmania University)



- DEPARTMENT OF ZOOLOGY
 - WORKSHOP ON
- MOLECULAR BIOLOGY TECHNIQUES
 - Date: 28-04-2022



Patron:
Dr. K. PADMAVATHI,
M.Sc, Ph.D.
Principal, GDCW
Begumpet
Hyderabad.



1. Isolation of DNA
2. Mechanism of Restriction endonucleases.
3. Polymerase Chain reaction
4. Gel electrophoresis

DATE: 28-04-2022
TIME: 11.00 AM
VENUE: Department of Zoology










Webinar
On
“ Essentials of Thermodynamics”
16-12-2021

The Department of Chemistry organised a webinar on “Essentials of Thermodynamics” on 16th December 2021. The resource person for the webinar was Dr.A.Hari Padmasri, Associate Professor, Department of chemistry, Osmania University. All the II year students are participated, as they have theory in III semester.


To gain knowledge on importance of principles involved in physical chemistry and enhance knowledhe to learn principles involved in it. She explained all

the terminologies used in Thermodynamics with good examples. Madam also well explained all the Laws of thermodynamic, Joule Thompson effect and its applications in our daily life. Students are also thouroughly understood the concepts and enjoyed the class.

 **Government Degree College For Women**
(Autonomous), Begumpet, Hyderabad
Affiliated to Osmania University



DEPARTMENT OF CHEMISTRY
Webinar
on
“Essentials of Thermodynamics”
16th December 2021 at 10 : 30 am


Principal
Dr. K. Padmavathi

Join Zoom Meeting
<https://us02web.zoom.us/j/84680083890?pwd=YWl6MkduWjZaHd0QzZBL3prbk0UT09>
Meeting ID: 846 8008 3890
Passcode: TD-161221


Resource Person
Dr. A . Hari Padmasri
Associate Professor,
Department of Chemistry,
Osmania University.

Organized by : Department Of Chemistry & Internal Quality Assurance Cell

Microsoft PowerPoint (Product Activation F) - Thermodynamics SDCW, Begumpet 16-12-21

File Home Insert Design Transitions Animations Slide Show Review View Picture Tools

Clipboard Outline Slides

1 THERMODYNAMICS

2

3 THERE IS NO SHORT CUT FOR SUCCESS YOUR HARDWORK ALONE CAN MAKE YOU SUCCESSFUL

4


5

Click to add notes

Slide 1 of 110 | English (India) | 66%

Talking: Dr A Hari Padmasri, OU

THERMODYNAMICS




Dr A Hari Padmasri
Assistant Professor
Department of Chemistry
Osmania University, Hyderabad

@Govt. Degree College for Women
Begumpet, Hyderabad.
16th December 2021

The word **“thermo-dynamic”** used by **Lord Kelvin**, has Greek origin, combination of

- **θερμη, therme: heat, and**
- **δυναμις, dynamis: power.**

An image of Thomson and his 1st model given in Fig.



Thermodynamics: the science that deals with those properties of matter that relate to heat and work.

Participants (100)

| Name | Role | Avatar | Microphone | Video | Chat |
|----------------------------|-------------|--------|------------|-------|------|
| Dr.G. Praniitha | Co-host, me | | On | Off | On |
| Dr A Hari Padmasri, OU | Host | | On | Off | On |
| K. Saritha Rani | Co-host | | On | Off | On |
| A. Ankitha mpc | | | Off | Off | Off |
| A. Sathwika (Mb. C. B) | | | Off | Off | Off |
| Addula pushpalatha | | | Off | Off | Off |
| Anjali Enti mpc | | | Off | Off | Off |
| Anjani priya(btzc) | | | Off | Off | Off |
| Anshu Kairam MbCBT | | | Off | Off | Off |
| Ayesha Fiza | | | Off | Off | Off |
| Bandi poojitha btzc | | | Off | Off | Off |
| Bhargavi peddapulla(mbcbt) | | | Off | Off | Off |
| Bhavana Perisetla [MPC] | | | Off | Off | Off |
| Bhavani PALURI MZC | | | Off | Off | Off |

Recording

Dr.G. Praniitha

Dr A Hari Padmasri, OU

G. Uma(Btzc)

G. Uma(Btzc)

P.Akhila mpc


P.Akhila mpc

10-42
16-12-2021

You are viewing Dr. A Hari Padmasri, OU's screen

View Options

Recording



In the study of chemistry the following fundamental questions need to be answered.

- Why does a reaction occur? That is, what is the driving force of a reaction?
- How far a reaction can occur? That is, what is the extent (or progress) of the reaction?
- How fast a reaction can occur? That is, what is the rate of the reaction?

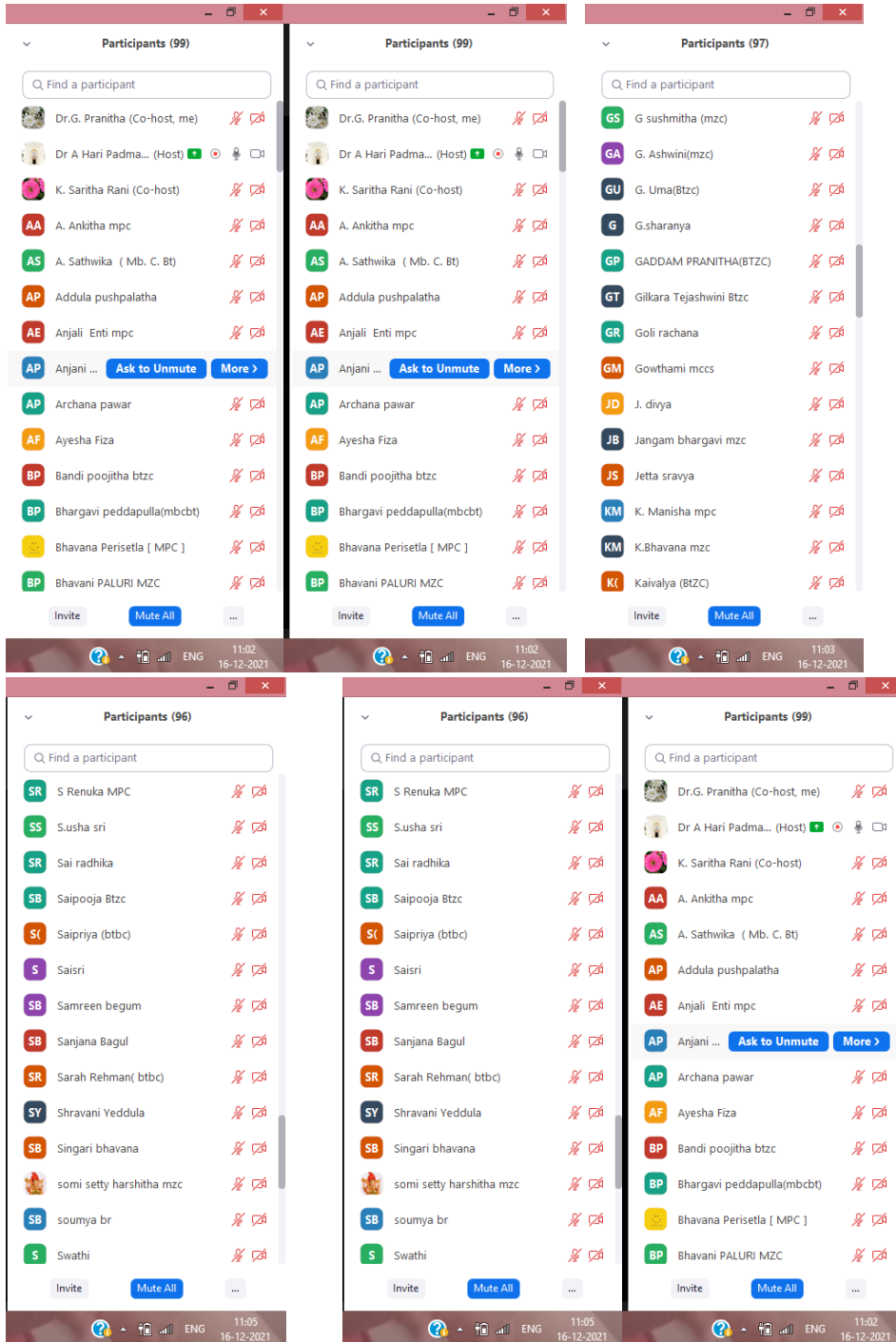
We get the answer of the first two questions by the study of thermodynamics, while third question forms the domain of the study of chemical kinetics

G. Uma(Btzc)

P.Akhila mpc

J. divya mpc

10-42
16-12-2021



Participants (96)

Q Find a participant

- PS P. Swarnanjali
- PM P.Akhila mpc
- P. p.harshitha(mbcbt)
- P(P.Pranaya (MZC)
- PB Pavithra btzc
- P Ponnam Ramya(MCCs) 8007
- PG Poojitha goud mbcbt
- PE Prathyusha Eaturi (BTBC)
- Q QCOM-BTD
- R Rashwini
- RR Raja Rajeshwari(MZC)
- RL RAVULA Lavanya
- SR S Renuka MPC
- SS S.usha sri

Invite Mute All

11:04
16-12-2021

Participants list

Recording

Dr.G. Pranitha

Dr. A Hari Padmasri, OU

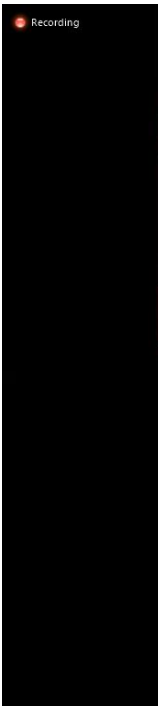
Sarah Rehman(...)

Sarah Rehman(btbc)

S Renuka MPC

1:08 / 6:55

fppt.com



May I ?

Q1. When a bottle of cold carbonated drink is opened a slight fog forms around the opening.

A vertical list of participant names and video thumbnails on the right side of the screen. The names are: Dr.G. Pranitha, Dr. Hari Padmasri, OU, Sarah Rehman(...), Sarah Rehman(btbc), Chevella Navya..., and Chevella Navya B section. There are small video thumbnails next to each name, some showing a person's face and others showing a floral pattern.

| Exhibition of House Hold products | | | | | |
|-----------------------------------|--------------------|--------------|-------------------------|---------------|----------------|
| S.No | Name | Roll No | Group | Product | Signature |
| 1. | CH. Sriisha | 108519578004 | B.Sc. M.C.S 3rd year | Mask | Sriisha |
| 2. | K. poojitha | 108519578006 | " | Mask | Ch. Sriisha |
| 3. | P. Yamuna | 108519578009 | " | Mask | Poojitha |
| 4. | P. Sudharani | 108519578010 | " | Mask | P. Yamuna |
| 5. | R. Sravani | 108519578011 | " | Shampoo | R. Sravani |
| 6. | S. Sneha | 108519578013 | " | Mask | S. Sneha |
| 7. | T. Shivani Mallika | 108519578014 | " | Sanitizer | T. Shivani |
| 8. | T. Balamani | 108519578015 | " | Shampoo | T. Balamani |
| 9. | V. Mamatha | 108519578016 | " | Mask | V. Mamatha |
| 10. | V. Anusha | 108519578017 | " | Sanitizer | V. Anusha |
| 11. | V. Krishna Sai | 108519489032 | B.Sc. B.C 3rd year | Mask | V. Krishna Sai |
| 12. | Ridha Maryam | 108519489024 | " | Floor cleaner | Ridha Maryam |
| 13. | P. Tanisha | 108519489023 | " | Floor cleaner | P. Tanisha |
| 14. | B. Manisha | 108519489005 | " | Floor cleaner | B. Manisha |
| 15. | C. Sushma | 108519458008 | B.Sc. M.B.C 2nd year | Kumkum | C. Sushma |
| 16. | M. Sai Sushma | 108519458019 | B.Sc. M.B.C 2nd year | " | M. Sai Sushma |
| 17. | S. Deepika | 108519458033 | " | " | S. Deepika |
| 18. | A. Anisha | 108519458001 | " | " | A. Anisha |
| 19. | M. Poojitha | 108519458018 | " | " | M. Poojitha |
| 20. | A. Abhigna | 108519458003 | " | Lip balm | A. Abhigna |
| 21. | P. Sangeetha | 108519458027 | " | Lip balm | P. Sangeetha |
| 22. | Nikath Saleem | 108519458025 | " | Mehandi | Nikath |
| 23. | Afsha Anjum | 108519458002 | " | Alovera soap | Afsha Anjum |
| 24. | Shireen Begum | 108519458034 | " | " | Shireen Begum |
| 25. | Saniya Zareen | 108519458030 | " | " | Saniya Zareen |
| 26. | Nasreen Banu | 108519458023 | " | " | Nasreen Banu |
| 27. | Juveria Begum | 108519463006 | B.Sc. A.B.C 3 year | Mehandi | Juveria Begum |
| 28. | Harika. A | 108519463001 | " | " | Harika |
| 29. | Tejasree. M | 108519463008 | " | " | Tejasree |
| 30. | Pravanthi. P | 108519463011 | " | " | Pravanthi |
| 31. | Somhya. G | 108519463004 | " | " | Somhya |
| 32. | Hema. M | 108519463007 | " | " | Hema |
| 33. | Madhavi. T | 108519463012 | " | " | Madhavi |

Exhibition of House Hold Products

Department of Chemistry

Government Degree College for Women (A)

Department of Chemistry, Govt Degree College for Women (A) has organized an Exhibition on House Hold Products on 23.09.2021 by B.Sc final year students in the college premises.

Objectives

- To develop the interests of the students towards the creative side
- To enhance the presentation skills

- To motivate the students in Entrepreneurship
- To develop the collaborative learning among the students

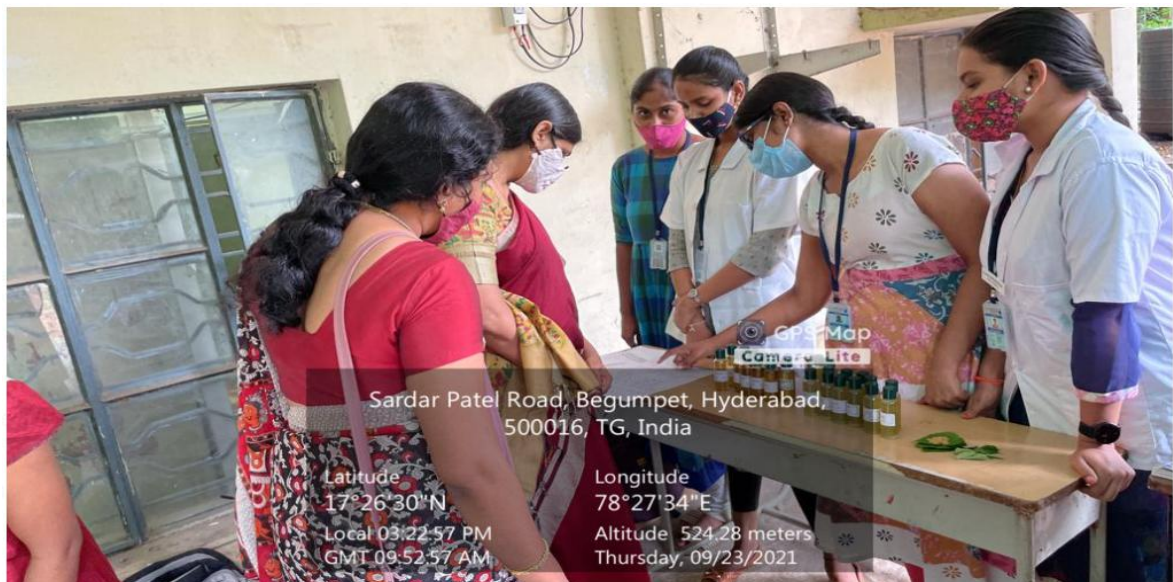
Outcomes

- Students participated with intense interest in preparing various House Hold products and displayed them in stalls.
- By the exhibition students develop a scientific spirit and curiosity which in turn forces them to think and creatively find solutions to the challenges.
- Students enjoy learning through such exhibition and feel a sense of belongingness as they make the products with their own hand.
- The House hold items like Lipbalm, Kumkum, Mehendi, Detergent, Bathing soap (aloevera and multani matti), Neem oil, Face masks, Flour cleaners, Sanitizers, Chalk pieces ETC., were prepared and sold to the faculty and students.

Our beloved principal Dr. Padmavathi madam and other faculties visited the exhibition and interacted with the students and appreciated their skills and efforts.

Sale of the products

| | |
|------------------|--------|
| Air freshner | 150/- |
| Chalk Piece- | 80/- |
| Herbal hair oil | 460 |
| Flour Cleaner | 340/- |
| Home made Kumkum | 90/- |
| Lip balm | 140/- |
| Aleovera Soap | 100/- |
| Organic mehendi | 300/- |
| Coffee soap | 70/- |
| Multani saop | 120/- |
| Total n | |
| Soapnut shampoo | 10/- |
| Face mask | 30/- |
| Total | 1890/- |








Sardar Patel Road, Begumpet, Hyderabad,
500016, TG, India

| | |
|-------------------|------------------------|
| Latitude | Longitude |
| 17°26'30"N | 78°27'34"E |
| Local 03:24:54 PM | Altitude 524.44 meters |
| GMT 09:54:54 AM | Thursday, 09/23/2021 |



Hyderabad, Telangana, India
1-10-134/12, Mayur Marg, Begumpet, Hyderabad,
Telangana 500016, India
Lat N 17° 26' 30.336"
Long E 78° 27' 34.596"
23/09/21 03:26 PM



Herbal Oil made by final year MBC students



Flour cleaner made by final year MZC students



KumKum made by final year MbC students



Aloevero made by final year MZC students



Dhoop Sticks and Coffee Soaps made by BZC final year students



Detergents made by final BZC students



Mehendi and multani mitti soap made by AnBC and MBC final year students



Hand Sanitizer and room freshner made by MPC and MPCS final year students

Exhibition of House Hold products

3 23/09/2021

| S.No | Name | Roll No | Group | Prepared Compound | Signature |
|------|--------------------|--------------|------------------------|-------------------|------------------|
| 1. | CH. Sirisha | 108519578004 | BSC; MCEES 3rd year | Mask | ch. sirisha |
| 2. | K. poojitha | 108519578006 | " | Mask | Poojitha |
| 3. | P. Yamuna | 108519578009 | " | Mask | P. Yamuna |
| 4. | P. Sudharani | 108519578010 | " | Shampoo | Pudha |
| 5. | R. Sravani | 108519578011 | " | Mask | R. Sravani |
| 6. | S. Sneha | 108519578013 | " | Sanitizer | S. Sneha |
| 7. | T. Shivani Mallika | 108519578014 | " | Shampoo | T. Shivani |
| 8. | T. Balamani | 108519578015 | " | Mask | T. Balamani |
| 9. | V. Mamatha | 108519578016 | " | Sanitizer | V. Mamatha |
| 10. | Y. Anusha | 108519578017 | " | Mask | A. Anusha |
| 11. | V. Krishna Sai | 108519489032 | BSC BT2C III year | Floor cleaner | V. Krishna Sai |
| 12. | Ridaa Mariyam | 108519489024 | " | Floor cleaner | Ridaa Mariyam |
| 13. | P. Tanisha | 108519489023 | " | Floor cleaner | Tanisha |
| 14. | B. Manisha | 108519489005 | " | Floor cleaner | Manisha B. |
| 15. | C. Sushma | 108519458008 | BSC MBC 3rd year | Kumkum | C. Sushma |
| 16. | M. Sai Sushma | 108519458019 | B. S. MBC 3rd year | " | M. Sai Sushma |
| 17. | S. Deepika | 108519458033 | " | " | S. Deepika |
| 18. | A. Anisha | 108519458001 | " | " | A. Anisha |
| 19. | M. Poojitha | 108519458018 | " | " | M. Poojitha |
| 20. | A. Abhigna | 108519458003 | " | Lip balm | A. Abhigna |
| 21. | P. Sangeetha | 108519458027 | " | Lip balm | P. Sangeetha |
| 22. | Nikath Saleem | 108519458025 | " | Mehandi | Nikath |
| 23. | Afsha Anjum | 108519458002 | " | Alovera soap | Afsha Anjum |
| 24. | Shireen Begum | 108519458034 | " | " | Shireen Begum |
| 25. | Saniya Zareen | 108519458030 | " | " | Saniya Zareen |
| 26. | Nasreen Banu | 108519458023 | " | " | Nasreen Banu |
| 27. | Juveria Begum | 108519463006 | BSC Anbc 3 year | Mehandi | Juveria Begum |
| 28. | Hosika. A | 108519463001 | " | Kumkum | Hosika |
| 29. | Tejasree. M | 108519463008 | " | Kumkum | Tejasree |
| 30. | Sravanthi. P | 108519463011 | " | Lipbalm | Sravanthi |
| 31. | Somdhyo. G | 108519463004 | " | Alovera Gel | Somdhyo |
| 32. | Hema. M | 108519463007 | " | " | Hema |
| 33. | Madhavi. T | 108519463012 | " | " | Madhavi |

| | | | | | | |
|-----|-----------------|--------------|----------------------------|----------|----------------|----|
| 34. | T. Jaya Nagasri | 108519572033 | Bsc-Bte 3 rd yr | Hair oil | T. Jayanagarri | S. |
| 35. | K. Sai Ramya | 108519572016 | Bsc-Bte 3 rd yr | Hair oil | K. Sai Ramya | |
| 36. | G. Jeeshitha | 108519572013 | " | Hair oil | Jeeshitha | |
| 37. | B. Jaswanthi | 108519572004 | " | Hair oil | B. Jaswanthi | |

Awareness programme on “National Apprenticeship Promotion Scheme (NAPS)” in collaboration with ALEAP on 26-10-2021

The department of Chemistry has conducted an Awareness programme on “National Apprenticeship Promotion Scheme (NAPS)” in collaboration with ALEAP (Association of Lady Entrepreneurs of India) on 26-10-2021.

Ms. K. Anusha, project coordinator delivered a lecture on the importance of lady entrepreneurs in India. She has also explained in detail about the NAPS scheme and how ALEAP is working towards the empowerment of the women, the various courses offered at ALEAP-Basic training provider, production/ machine operator, quality

control chemistry (QCC), solar panel installation technician course- the duration of all these courses and the eligibility criteria , training & apprenticeship certificates etc.

Vice principal Dr. Vasudha mam explained the benefits of the scheme and encouraged the students to get registered in this scheme. Mrs. K. Anusha interacted with the students and clarified their doubts regarding the scheme.

Dr. G. Pranitha, HOD and all the other chemistry faculty along with 150 students participated in this program. Interested students details were collected by the ALEAP team.



V.Jayasree and A. Saraswathi BtBC, Celon Laboratory, 1.3 lakh Per Annum

G. Ravali, BZC Srinivasa Enterprises, 1.3 Per Annum

Three students are benefitted by using the above programme.



Calling Up Application for Apprenticeship Program

Industry Apprenticeship Initiative (IAI) intervention of
Skills Strengthening for Industrial value enhancement (STRIVE) Project

Supported by

Ministry of Skill Development & Entrepreneurship

Under

National Apprenticeship Promotion Scheme (NAPS)

Implemented by

Association of Lady Entrepreneurs of India (ALEAP)

Courses offered at ALEAP-BTP (Basic Training Provider):

- 1. Specialized Sewing Machine Operator (SSMO)**
Eligibility: Minimum Class V
- 2. Production / Machine Operator (PMO)**
Eligibility: Minimum 10+2/Diploma/ D.Pharm / ITI / B Sc (Chemistry)
- 3. Quality Control Chemistry (QCC)**
Eligibility: Minimum B.Pharm / BSc (chemistry)
- 4. Solar Panel Installation Technician**
Eligibility: Minimum 10th class /ITI (Electrical / Mechanical) / Diploma (Electrical / Mechanical)
 - **Course Duration:** BTP 3 months & OJT (On Job Training) 9 months for above courses except PMO. PMO for 2 years.
 - Stipend will be paid to apprentice during OJT.
 - Training & apprenticeship certificates from Ministry of Skill development & Entrepreneurship, Govt of India.

For more details contact **Anusha K**, Project Coordinator **Mobile: 9490901947**

website: <https://www.aleap.org/> Email ID: aleap.naps@gmail.com

Address: ALEAP-Association of Lady Entrepreneurs of India

ALEAP Industrial Cluster Estate Office, Pragathinagar, Kukatpally, Hyderabad, Telangana

Please fill application on the link <https://www.aleap.org/strive.html>



Mrs. K. Anusha , project coordinator delivering the lecture



Interaction session with the students



Hyderabad, Telangana, India

1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

Lat N 17° 26' 30.3144"

Long E 78° 27' 34.56"

26/10/21 02:38 PM



Hyderabad, Telangana, India

1-10-166, Mayur Marg, Begumpet, Hyderabad, Telangana 500016, India

Lat N 17° 26' 30.3288"

Long E 78° 27' 34.5312"

26/10/21 02:41 PM




Three students are benefitted by this programme.

1. V.Jayasree, BTBC, Joined in Celon Laboratories with 1.3 lack package per annum
2. A.Saraswathi, BTBC, Joined in Celon Laboratories with 1.3 lack package per annum
3. G.Ravali, BZC, Joined in Srinivasa Enterprises with 1.3 lack package per annum

CN112140504

Model Contract of Apprenticeship Training for Major/Minor* Apprentices

| | |
|--|---|
| 1. Name and Registered Address of Establishment | : CELON LABORATORIES PRIVATE LIMITED (E11213600024) |
| with Telephone no. & E-mail address | : Plot No. 2, ALEAP Industrial Estate, Gajularamaram, Hyderabad, HyderabadHyderabad, Telangana : 040-988506 : praddeepk@celonlabs.com |
| |  |
| 2. (a) Name of Apprentice (Block Letters) | : VANARASA JAYASREE (A1021194214) |
| (b) Father's/Mother's /Spouse's Name | : Vanarasa Khada Prathap |
| 3. Address of apprentice | : H.No.14-17, Indira Gandhi Nagar, Opp to IDPL Colony, Quthbullapur, Balanagar, HYDERABAD, Panga Reddy, Telangana |
| 4. Gender | : Female |
| 5. Date of Birth | : 09-01-2001 |
| 6. (a) Whether belongs to SC/ST/OBC/PwD/ Minority | : Yes |
| (b) Name of the Category | : Sc |
| 7. Educational Qualification (Highest) | : Graduate - B.Sc |
| 8. (a) Category of Apprenticeship | : Optional |
| (b) Name of the trade for which Apprentice is training | : Quality Control Chemist |
| 9. (a) Whether Basic Training is to be provided as part of Apprenticeship | : Yes |
| (b) If Basic Training is exempt - reason for exemption | |
| (c) Name of the Course | : N/A |
| (d) Duration of Training/Course | : N/A |
| (e) Name of the Institute | : N/A |
| (f) Name of the Sector Skill Council (if applicable) | : N/A |
| 10. Apprenticeship Training duration (Total) | : 2320 Hours |
| (a) Duration of Basic Training | : 480 Hours |
| Period of Basic Training | : From 29-11-2021 to 28-02-2022 |
| (b) Duration of On-the-job Training | : 1840 Hours |
| Period of On-the-job Training | : From 29-11-2021 to 29-11-2022 |
| (c) Training Type | : Simultaneous |
| 11. Apprenticeship Training Location | : ALEAP Industrial Estate |
| (a) Name and address of facility where Basic Training is to be provided | : Association of Lady Entrepreneurs of India : ALEAP Life sciences |
| (b) Name and address of the facility where On-the-job Training is to be provided | : CELON LABORATORIES PRIVATE LIMITED ALEAP Industrial Estate Medchal Malkajgiri Telangana |
| 12. (a) Date of execution of contract | : 26-11-2021 |
| (b) Age of Apprentice on the date of execution of contract | : 20 years, 10 months and 17 days |
| 13. Is the establishment opting for benefits under NAPS? | : Yes |
| *If yes, Annexure 2 to this contract will also be applicable. | |

CN112140499

Model Contract of Apprenticeship Training for Major/Minor² Apprentices

| | |
|--|--|
| Name and Registered Address of Establishment | : CELON LABORATORIES PRIVATE LIMITED (E1121366624) |
| with Telephone no. & E-mail address | : Plot No. 2, ALEAP Industrial Estate, Gajularamaram, Hyderabad, HyderabadHyderabad, Telangana : 040-988506 : pradeepk@celonlabs.com |
| (a) Name of Apprentice (Block Letters) | : ADEPU SARASWATHI (A1021194245) |
| (b) Father's/Mother's/Spouse's Name | : Adepu Ramesh |
| Address of apprentice | : H.No.13-11, LB Nagar, Shapur Nagar, Gajularamaram Road, Gutubullapur, Ida Jeedimedla, Rangareddy, HYDERABAD, Ranga Reddy, Telangana |
| Gender | : Female |
| Date of Birth | : 23-05-2000 |
| a) Whether belongs to SC/ST/OBC/PwD/ Minority | : Yes |
| b) Name of the Category | : Obc |
| Educational Qualification (Highest) | : Graduate - B.Sc |
| a) Category of Apprenticeship | : Optional |
| b) Name of the trade for which Apprentice is training | : Quality Control Chemist |
| i) Whether Basic Training is to be provided as part of apprenticeship | : Yes |
| ii) If Basic Training is exempt - reason for exemption | |
| iii) Name of the Course | : N/A |
| iv) Duration of Training/Course | : N/A |
| v) Name of the Institute | : N/A |
| vi) Name of the Sector Skill Council (if applicable) | : N/A |
| Apprenticeship Training duration (Total) | : 2320 Hours |
| i) Duration of Basic Training | : 480 Hours |
| ii) Period of Basic Training | : From 29-11-2021 to 28-02-2022 |
| iii) Duration of On-the-Job Training | : 1840 Hours |
| iv) Period of On-the-Job Training | : From 29-11-2021 to 29-11-2022 |
| v) Training Type | : Simultaneous |
| Apprenticeship Training Location | : ALEAP Industrial Estate |
| i) Name and address of facility where Basic Training is to be provided | : Association of Lady Entrepreneurs of India : ALEAP Life sciences : |
| ii) Name and address of the facility where On-the-Job training is to be provided | : CELON LABORATORIES PRIVATE LIMITED ALEAP Industrial Estate Medchal Malkajgiri Telangana |
| Date of execution of contract | : 26-11-2021 |
| Age of Apprentice on the date of execution of contract | : 21 years, 6 months and 3 days |
| Is establishment opting for benefits under NAPS ² ? | : Yes |
| Yes, Annexure 2 to this contract will also be applicable | |



Workshops Conducted during the Academic Year 2021-22

Workshop on “ Instrumentation and Fun Experiments”

12-04-2022

Aim of the Workshop: Hands on training to the students and to gain the overall idea of experiments of all the three years of B.Sc chemistry, M.Sc Chemistry and develop learning and experimental skills through the fun experiments of chemistry

Workshop Details: Department of chemistry has organized a one day workshop on “Instrumentation and Fun Experiments” on 12-04-2022. B.Sc chemistry belonging to I,II and III year and M.Sc Organic Chemistry students were formed into group and performed and demonstrated various experiments like

1. Food Adulteration
2. Column Chromatography.
3. Thin Layer Chromatography
4. Extraction of Lycopene from tomatoes
5. Viscosity measurement using viscometer
6. Surface tension measurement using stalagmometer
7. Calorimeter
8. Conductometer
9. Potentiometer
10. pH metry
11. Reverse Osmosis process
12. Determination of M.P
13. Electrolysis process
14. Micro assisted green synthesis of aspirin
15. Extraction of caffeine from tea powder
16. Extraction of eucalyptus oil from leaves and

17. Fun experiments like

- Chemical Chameleon
- Elephant toothpaste
- Smoky Splash
- Walking water

- Blue bottle experiment
- Volcano eruption etc.,

The students demonstrated the working principles, procedures and applications of the various experiments. Principal Dr. K. Padmavathi and vice Principal M. Vasudha and all the staff members and students of GDCW visited the workshop and appreciated the efforts and performance of the students. The department of chemistry has got very good response from staff and students for this programme.

M.Sc toppers were facilitated with medals and mementos by the Department of Chemistry and also prizes and appreciation certificates were distributed for the rasayana rangoli and intercollegiate competition winners.

Outcome of the programme:

- The students acquired the knowledge of principles of instrumental experiments.
- The students learnt the calibration and handling procedures
- Students could learn the determination process of food adulteration
- Principle and procedure involved in the different extraction process
- Able learn simple reaction involved in fun experiments
- Able to learn the principle and separation process by Column and TLC
- The students have developed creative thinking and improved their communication skills.

28-03-22

To
The principal,
GDCW (A), Begumpet
Hyderabad.

Respected madam,

The dept. of chemistry is planning to
conduct workshop on Instrumentation and Fun
experiments of chemistry for both UG and PG stu-
-dents on 12-04-22.

In this regard I request you to,
kindly provide an advance amount of 15,000/-
(Fifteen thousands rupees only) for conduction of
workshop.

Thanking you,

A0
P
28/3/2022

Yours sincerely

Pritha
Dr. G. Pranita
Asst. Prof. of Chem.
with

CIRCULAR

The Dept. of chemistry is conducting workshop on "Instrumentation & Fun Experiments of chemistry" on 12-04-22 at 11:30AM. In this regard we invite all the staff members and students to this workshop & would get fun with chemistry & also encourage our students by visiting workshop.

Followed by certificates & prizes distribution for winners of Rangoli & Intercollegiate competitions.

All the students must visit & get knowledge of three years of lab experience.

All of you must wear a Apron to demonstrate the experiment.

ఆకట్టుకున్న రసాయనశాస్త్ర వర్క్ షాప్

**బేగంపేట మహిళా
డిగ్రీ కళాశాలలో ఉత్సాహంగా ప్రయోగాలు**

సనత్సగర్: టమటా రసంలో నిక్షిప్తమైన కేన్సర్ నిరోధక ఔషధ గుణాలను చాబే ప్రయోగాలు..నీల గిరి ఆకుల ఔషధ మహాత్మ్యం..ఆహార పదార్థాల కల్తీని గుర్తించడం..వంటి ఎన్నో సరికొత్త విషయాల మేళవింపుతో బేగంపేట మహిళా డిగ్రీ కళాశాలలో వర్క్ షాప్ కొనసాగింది. కళాశాల రసాయన శాస్త్ర విభాగం ఆధ్వర్యంలో మంగళవారం జరిగిన వర్క్ షాప్ లో భాగంగా ఆ విభాగంలో విద్యార్థులు ప్రదర్శించిన ప్రయోగాలు ఆకట్టుకున్నాయి. కళాశాల ప్రిన్సిపాల్ డాక్టర్ కే పద్మావతి ఈ వర్క్ షాప్ ను ప్రారంభించి విద్యార్థులు రూపొందించిన నమూనాలను తిలకించి అభినందించారు. ఈ సందర్భంగా ఆమె మాట్లాడుతూ నూతనంగా ప్రవేశపెట్టిన పాఠ్యాంశాలపై విద్యార్థుల్లో అవగాహన తీసుకువ



విద్యార్థుల ప్రయోగాలను పరిశీలిస్తున్న ప్రిన్సిపాల్ డాక్టర్ పద్మావతి

చ్చేందుకు ఇలాంటి ప్రదర్శనలు ఎంతగానో దోహదపడతాయన్నారు. దైనందిన జీవితంలో తెలియని ఎన్నో విషయాలను ఈ ప్రదర్శన ద్వారా విద్యార్థులు తెలియజేశారన్నారు. రసాయనశాస్త్ర విభాగ అధ్యక్షులు డాక్టర్ ప్రణీతారెడ్డి, ప్రభావి, రఫియాసుల్తానా, పూర్ణచందర్ రావు తదితరులు పాల్గొన్నారు.

ఆకట్టుకున్న రసాయనశాస్త్ర కార్యశాల

బేగంపేట, న్యూనెట్టడే: బేగంపేటలోని ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో మంగళవారం రసాయన శాస్త్ర వర్క్ షాప్ నిర్వహించారు. రసాయన శాస్త్రంలో డిగ్రీ, పీజీ చదువుతున్న విద్యార్థినులు పలు ఆంశాలను ప్రయోగాత్మంగా ప్రదర్శించారు. ఆహార పదార్థాల కల్పిని గుర్తించే విధానం, జెషడ గుణాలు కలిగిన నీలగిరి ఆకుల నుంచి రసాన్ని తీసే విధానం, టమాటా లాసంలో నిక్షిప్తమైన క్యాన్సర్ను నిరోధించే జెషడ గుణాలను తెలియజేసే ప్రయోగాలను ప్రదర్శించి వివరించారు. నూతనంగా ప్రవేశపెట్టిన పాఠ్యాంశాల ఆధారంగా రసాయన పరికరాలను ప్రదర్శనకు పెట్టారు. వర్క్ షాప్ ను కళాశాల ప్రిన్సిపల్ డా.కె.పద్మావతి ప్రారంభించి, విద్యార్థుల ప్రతిభను ప్రశంసించారు. రసాయన శాస్త్ర విభాగ అధ్యక్షులు డా.జి.ప్రణీతారెడ్డి, ప్రభావతి, డా.రమియా సుల్తానా, వి.పూర్ణచందర్ రావు, డా.కె.వెంకటేశ్వర్లు పాల్గొన్నారు.



విద్యార్థుల ప్రయోగాల తీరును పరిశీలిస్తున్న అతిథులు, అధ్యాపకులు

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ఆకట్టుకున్న రసాయనశాస్త్ర వర్క్ షాప్

**బేగంపేట మహిళా
డిగ్రీ కళాశాలలో ఉత్సాహంగా ప్రయోగాలు**

సనత్సగర్: టమటా రసంలో నిక్షిప్తమైన కేన్సర్ నిరోధక ఔషధ గుణాలను చాబే ప్రయోగాలు..నీల గిరి ఆకుల ఔషధ మహాత్మ్యం..ఆహార పదార్థాల కల్తీని గుర్తించడం..వంటి ఎన్నో సరికొత్త విషయాల మేళవింపుతో బేగంపేట మహిళా డిగ్రీ కళాశాలలో వర్క్ షాప్ కొనసాగింది. కళాశాల రసాయన శాస్త్ర విభాగం ఆధ్వర్యంలో మంగళవారం జరిగిన వర్క్ షాప్ లో భాగంగా ఆ విభాగంలో విద్యార్థులు ప్రదర్శించిన ప్రయోగాలు ఆకట్టుకున్నాయి. కళాశాల ప్రిన్సిపాల్ డాక్టర్ కే పద్మావతి ఈ వర్క్ షాప్ ను ప్రారంభించి విద్యార్థులు రూపొందించిన నమూనాలను తిలకించి అభినందించారు. ఈ సందర్భంగా ఆమె మాట్లాడుతూ నూతనంగా ప్రవేశపెట్టిన పాఠ్యాంశాలపై విద్యార్థుల్లో అవగాహన తీసుకువ



విద్యార్థుల ప్రయోగాలను పరిశీలిస్తున్న ప్రిన్సిపాల్ డాక్టర్ పద్మావతి

చ్చేందుకు ఇలాంటి ప్రదర్శనలు ఎంతగానో దోహదపడతాయన్నారు. దైనందిన జీవితంలో తెలియని ఎన్నో విషయాలను ఈ ప్రదర్శన ద్వారా విద్యార్థులు తెలియజేశారన్నారు. రసాయనశాస్త్ర విభాగ అధ్యక్షులు డాక్టర్ ప్రణీతారెడ్డి, ప్రభావి, రఫియాసుల్తానా, పూర్ణచంద్రరావు తదితరులు పాల్గొన్నారు.

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బేగంపేట్ ప్రభుత్వ మహిళా డిగ్రీ కళాశాలలో మంగళవారం రసాయన శాస్త్ర విభాగం అధ్యయనంలో వర్క్ షాపు నిర్వహించారు. ఈ కార్యక్రమాన్ని కళాశాల ప్రిన్సిపాల్ డాక్టర్ పద్మావతి ప్రారంభించారు. ఆహార పదార్థాల కల్తీని గుర్తించే విధానం, ఔషధ గుణాలు కలిగిన నీలగిరి ఆకుల నుంచి రసాన్ని వెలికి తీసే, టమాట రసంలో నిక్షిప్తమైన క్యాన్సర్ను నిరోధించే ప్రయోగల్లాంటి విధానాలను విద్యార్థినులు చాలా చక్కగా ప్రదర్శించారు. వీటితో పాటు నూతనంగా ప్రవేశ పెట్టిన ప్రణాళిక పాఠ్యశాలను ఆధారంగా చేసుకున్న రసాయన పరికరాలను విద్యార్థినులు ప్రదర్శించారు. రసాయన శాస్త్ర విభాగం హెడ్ డాక్టర్ ప్రణీతారెడ్డి, ప్రభావతి, రజియా సుల్తాన, పూర్ణచందర్ రావు తదితరులు పాల్గొన్నారు.

-బేగంపేట్ ఏప్రిల్ 12:













The following teams were formed for the workshop and performed the experiments

workshop on
Instrumentation and Fun Experiments of Chemistry
23/12/04/22

| | Student Name | Group | Year | Type of Experiment | Signature |
|-----|--------------------|-------------------------------|------|------------------------------------|--------------------|
| 1) | G. Maunika | PG1 | | Food Adulteration | G. Maunika |
| 2) | M. Manasa | PG1 | | " | " |
| 3) | N. Saumya | PG1 | | " | N. Saumya |
| 4) | A. Maunika | PG1 | | " | A. Maunika |
| 5) | Priscilla Shanti | PG1 | | chemical chameleon | Priscilla |
| 6) | P. Reshma | PG1 | | " | P. Reshma |
| 7) | K. Saurabhya | PG1 | | " | K. Saurabhya |
| 8) | B. Gayathri | " | | Apparatus Display | B. Gayathri |
| 9) | V. Saurabhya | " | | " | V. Saurabhya |
| 10) | K. Sushma | " | | Column Chromatography | K. Sushma |
| 11) | B. Sujana | " | | " | B. Sujana |
| 12) | D. Swathi | " | | " | D. Swathi |
| 13) | M. Swathi | " | | " | M. Swathi |
| 14) | B. Anusha | " | | " | B. Anusha |
| 15) | D. Swathi | " | | Extraction of Lycopene from tomato | D. Swathi |
| 16) | B. Sujana | " | | " | B. Sujana |
| 17) | K. Sushma | " | | " | K. Sushma |
| 18) | B. Sujana | " | | " | B. Sujana |
| 19) | K. Sushma | " | | TLC | K. Sushma |
| 20) | D. Swathi | " | | " | D. Swathi |
| 21) | M. Swathi | " | | " | M. Swathi |
| 22) | B. Anusha | " | | " | B. Anusha |
| 23) | J. Pallavi | Degree 1 st year | | Elephant tooth powder | J. Pallavi |
| 24) | R. Yagitha | Degree 1 st year | | " | R. Yagitha |
| 25) | L. Shabasi Yadav | " | | " | L. Shabasi Yadav |
| 26) | B. Manvitha Anjali | " | | " | B. Manvitha Anjali |
| 27) | M. Swetha | BSc life science | | Smoky splash | M. Swetha |
| 28) | B. Sai Sri | " | | " | B. Sai Sri |
| 29) | Bhavani Paluri | BSc Mxc 2 nd year | | Food Adulteration | Bhavani Paluri |
| 30) | Yumuna | " | | " | Yumuna |
| 31) | Naseema | " | | " | Naseema |
| 32) | B. Ushnavi | BSc Mccs 1 st year | | Viscosity | B. Ushnavi |

| | Student Name | Group | Year | Name of Experiment | Signature |
|-----|------------------------|-------------------------|----------------------|-------------------------------|--------------|
| I | 33) Nikitha Kumari | BSc Mccs | 1 st year | viscosity | |
| 1) | 34) S. Sushma | " | " | " | S. Sushma |
| 2) | 35) N. Priyanka | " | " | " | N. Priyanka |
| 3) | 36) D. Divya | " | " | " | D. Divya |
| | 37) B. Bhumika | BSc MPC | 1 st year | walking water | Bh |
| | 38) M. Vaishnavi | " | " | " | M. Vaishnavi |
| | 39) K. Manjula | " | " | " | K. Manjula |
| II | 40) M. Pavani | " | " | " | M. Pavani |
| 1) | 41) M. Vinisha | BSc Mccs | 1 st year | Stalgonometer | |
| 2) | 42) M. Vaishnavi | " | " | " | M. Vaishnavi |
| 3) | 43) Mansha | BSc MPC | 1 st year | " | Mansha |
| | 44) Nagma Begum | BSc L.S MbZC | 2 nd year | volcanic Earth | |
| | 45) B. Manisha | " | " | " | |
| | 46) N. Akshaya | " | " | " | |
| | 47) S. Akhila | " | " | " | |
| III | 48) S. Harshitha | " | " | " | |
| 1) | 49) P. Bhavana | BSc MPC | 2 nd year | Electrolysis | |
| 2) | 50) V. Navya Tejaswini | " | " | " | V. Navya |
| | 51) P. Sri Renuka | BSc ANZC | 3 rd year | Blue Bottle | |
| | 52) E. Jyothi | " | " | " | E. Jyothi |
| | 53) K. Varsha | MbCBT 2 nd | 2 nd year | colorimeter | |
| | 54) K. Varsha | " | " | " | |
| | 55) Poojitha goad | " | " | " | |
| | 56) Nishakya | " | " | " | |
| | 57) A. Sathwika | Mb.c.Bt 2 nd | " | Potentiome | |
| | 58) R. Bhumika | " | " | " | |
| | 59) P. Pranaya | MbZC | " | microwave | |
| | 60) S. swetha | " | " | " | |
| | 61) P. Swarnanjali | " | " | " | |
| | 62) M. Ananya | " | " | " | |
| | 63) K. Bhavana | " | " | Determinati of melting poi | |

| Student Name | Group | Year | Experiment Name | Signature |
|-------------------|-------------------------|----------------------|--|-----------|
| 64) G. Ashwini | Mbxc | 2 nd year | Determination | |
| 65) D. Dharani | " | " | " | |
| 66) Niharika | B.zc | 3 rd year | pH metry | |
| 67) Vaishnavi | " | " | " | |
| 68) T. Pojia | " | " | " | |
| 69) Ch. Pallavi | Bsc | 2 nd year | Conductometry | |
| 70) Anshu Kairam | " | " | " | |
| 71) Anjani Priya | BSC | 2 nd year | Reverse osmosis | |
| 72) G. Uma | " | " | " | G. Uma |
| 73) N. Surjana | " | " | " | |
| 74) A. Kavaleya | " | " | " | |
| 75) M. Meghana | " | " | " | |
| 76) N. Sushma | " | " | " | |
| 77) B. S | " | " | " | |
| 77) Ch. Jayashree | Mcc (organic chemistry) | 2 nd year | Extraction of caffeine from tea powder | Jayashree |
| 78) M. Mounika | " | " | " | |
| 79) B. Prathyusha | " | " | " | |
| 80) G. Shriisha | " | " | EUCALYPTUS oil from leaves | Shriisha |
| 81) G. TOICE LILY | " | " | " | |
| 82) CH. JAYASHREE | " | " | " | Jayashree |

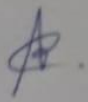

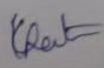
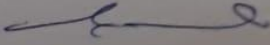

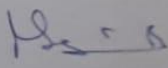
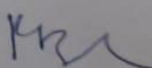
2-4-22

Chemical Chameleon Experiment

Feed Back

| No | Name | Signature | Feedback. |
|-----|----------------------|--------------------------|---------------------------------------|
| 1 | Dr K. Venkateswaralu | Manoj 12/4 | excellent |
| 2 | G. Indrag | Durga | Good one & Colourful |
| 3. | K. Shiny Grace | Shiny | Informative |
| 4. | Dr. R. Soeba | Saubak | Excellent |
| 5. | Dr. R. Sneelathi | Sneelathi | Excellent |
| 6. | N. Anita (phy. Dept) | A. | Very Good |
| 7 | V. Rohini | Rohini | Very Good. |
| 8 | Dr G. Anasua | Anasua | Excellent |
| 9 | K.S. Valli | Valli | Excellent 😊 |
| 10 | T.S. Gayathri | Gayathri | Informative & Colourful |
| 11 | Dr. M. Divyapala | M. Divyapala | well explained. good - explanation |
| 12 | Dr. P. S. Raju | P.S. Raju | Excellent |
| 13. | P. Tanishca | Tanishca | Very well explained |
| 14. | V. Krishnasri | Krishnasri | Fun. |
| 15. | B. Manisha | Manisha | Informative & Fun mixed |

Staff. feed back

| Name | Experiment | feed back | Signature |
|---------------------------|-----------------------|---|---|
| V. Anitha (Phy. Dept.) | Apparatus display. | Very nice explanation |  |
| Dr. S. Prasanna Ravi | " " | Very good display and explanation |  |
| Dr. Ch. Kancharaiah | " | Very Good |  |
| Dr. G. Narasimhan | " | Excellent |  |
| Dr. Anude Sheran | " | Informative |  |
| Dr. Vigneshwar M | " | Good work |  |
| P. Bharathi | " | good. |  |

Staff Feedback

| Name | Feedback | Signature |
|------------------------|----------------------------------|----------------------|
| Dr. R. Sneelatha | Good. Explaining ^{very} | Vandana |
| Dr. R. Srecha | Good | Sueba |
| N. Anthon | Very good | A. |
| Dr. K. Venkateswari | Very Good | Anuraj |
| Dr. G. Nandini | ok | Signature |
| Dr. M. S. ELIAS | V. Good | Signature |
| Dr. Annie Sharm | Very Impressive | Signature |
| Dr. Ch. K. S. L. | V. Good | Signature |
| Dr. J. Anurama Pani | Nice !! | Signature |
| Dr. K. Usharani | Very nice presentation | Signature |
| Dr. Vigneshwari | good presentation | Signature |
| P. R. K. S. | Good presentation | Signature |
| Dr. K. Kamala | Excellent | Signature |
| S. Srinivas | Very Nice | Signature |

