

Educational tour

to

Department of Biotechnology, Osmania University, Hyderabad

Government Degree College, Khairatabad



Organised

By

Department of Biotechnology

Government Degree College, Khairatabad, Hyderabad

**Educational tour to Department of Biotechnology
Osmania University, Hyderabad.**

Date of the program: 25.04.2023

Program : Educational tour

Place: Department of Biotechnology, Osmania Univeristy

Number of students attended : 52

Objectives of the programme:

- To Create awareness about the recent trends in the research
- To encourage the students towards the research
- To enlighten about the techniques and equipment used in the research

Report:

Department of Biotechnology and other science departments announced their open day to visit the respective laboratories and research activities.

The Department of Biotechnology, Botany, and Zoology of our college, planned to visit the Osmania University on open day i.e on 25.04.2023. More than 50 students attended the educational tour. Ph. D scholars explained about the recent trends in the science like CRISPER Cas 9 technology and unforgotten scientists of Biotechnology in detail. Students visited the molecular pathogenesis lab, probiotics lab, cell culture lab, Marine Biotechnology lab, anaerobic cultivation lab in the Biotechnology department. Research scholars explained about their research work and equipments detail with procedures and applications. Students of Biotechnology Department learnt about the lyophilisation technique, HPLC methodology, FPLC procedure, Electroporation, cold centrifugation, Probiotic bacteria preparation, cellulose synthesis from waste, Agarose gel electrophoresis, SDS-PAGE, chromatography techniques via practical demonstration by the research scholars. Students also visited the Department of Biotechnology and Centre for Plant Molecular Biology.



Students and faculty with Dr. Hameeda and Dr. Sandeeptha





Explanation by the research scholars

VISIT TO GOVERNMENT CITY COLLEGE (Centenary Celebrations)

All the staff members have visited Government City college on the occasion of Centenary celebrations held on 27th August 2022. Visited all the departments and attended various programmes done by the students. Chemistry department staff and students of City college have arranged all types of Glassware and Equipment in the labs for visitors. Students have given beautiful explanation and Demonstration about all the exhibited apparatus. Exhibited Scientists photos and different types of minerals.







Government Degree College, Khairatabad, Hyderabad

Re-Accredited by NAAC with B+ grade

ISO certified college: ISO 9001: 2015

Academic year 2022-23

**FIELD TRIP/EDUCATIONAL
TOUR REGISTER**

Department of Commerce

FIELD TRIP/EDUCATIONAL TOUR

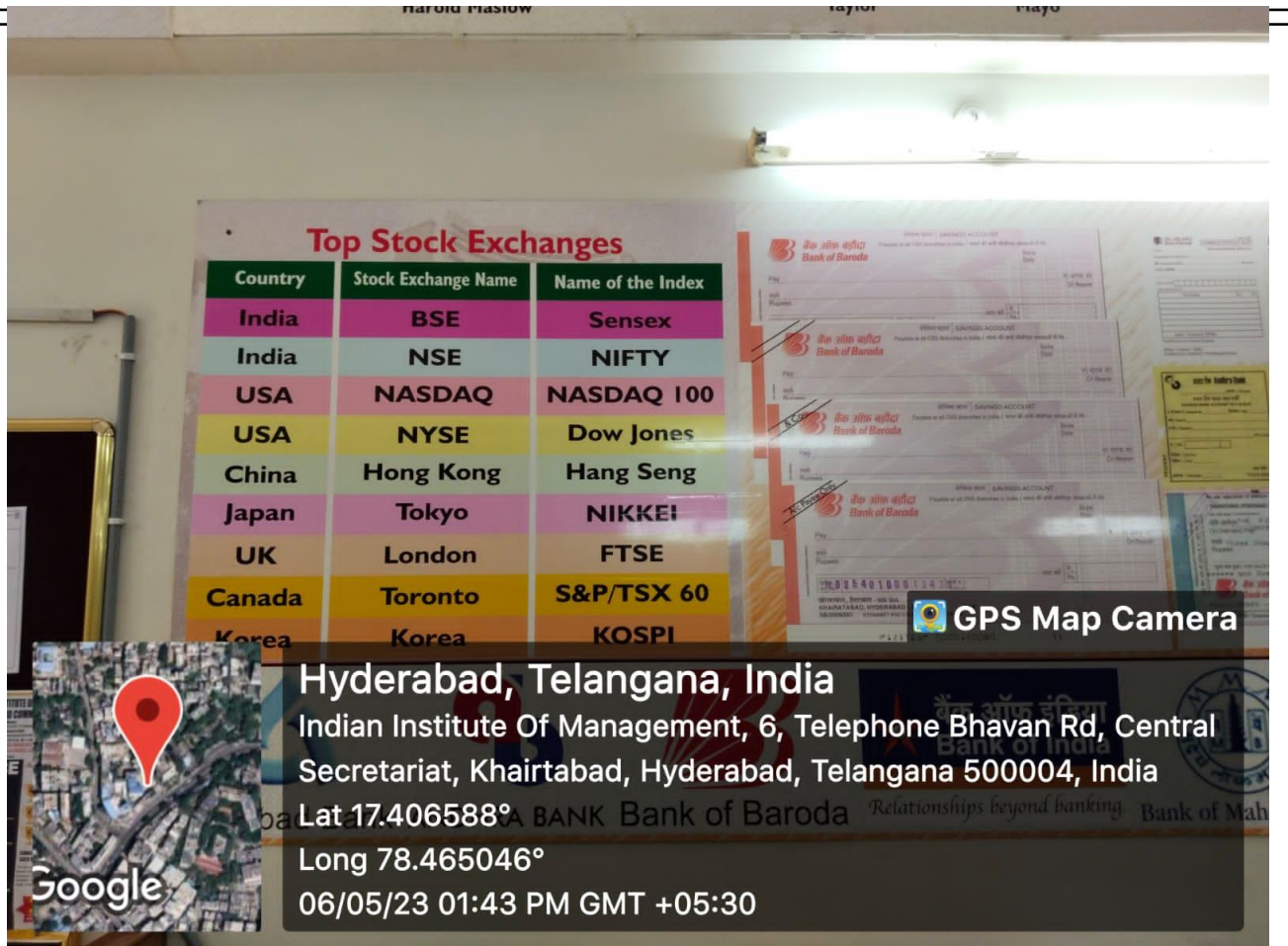
Name of the place visited: Department of Commerce

Class : II and III yr

Year : 2022-23

Date : 20.12.2023

Number of students attended :



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India	BSE	Sensex
India	NSE	NIFTY
USA	NASDAQ	NASDAQ 100
USA	NYSE	Dow Jones
China	Hong Kong	Hang Seng
Japan	Tokyo	NIKKEI
UK	London	FTSE
Canada	Toronto	S&P/TSX 60
Korea	Korea	KOSPI

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Long 78.465046°
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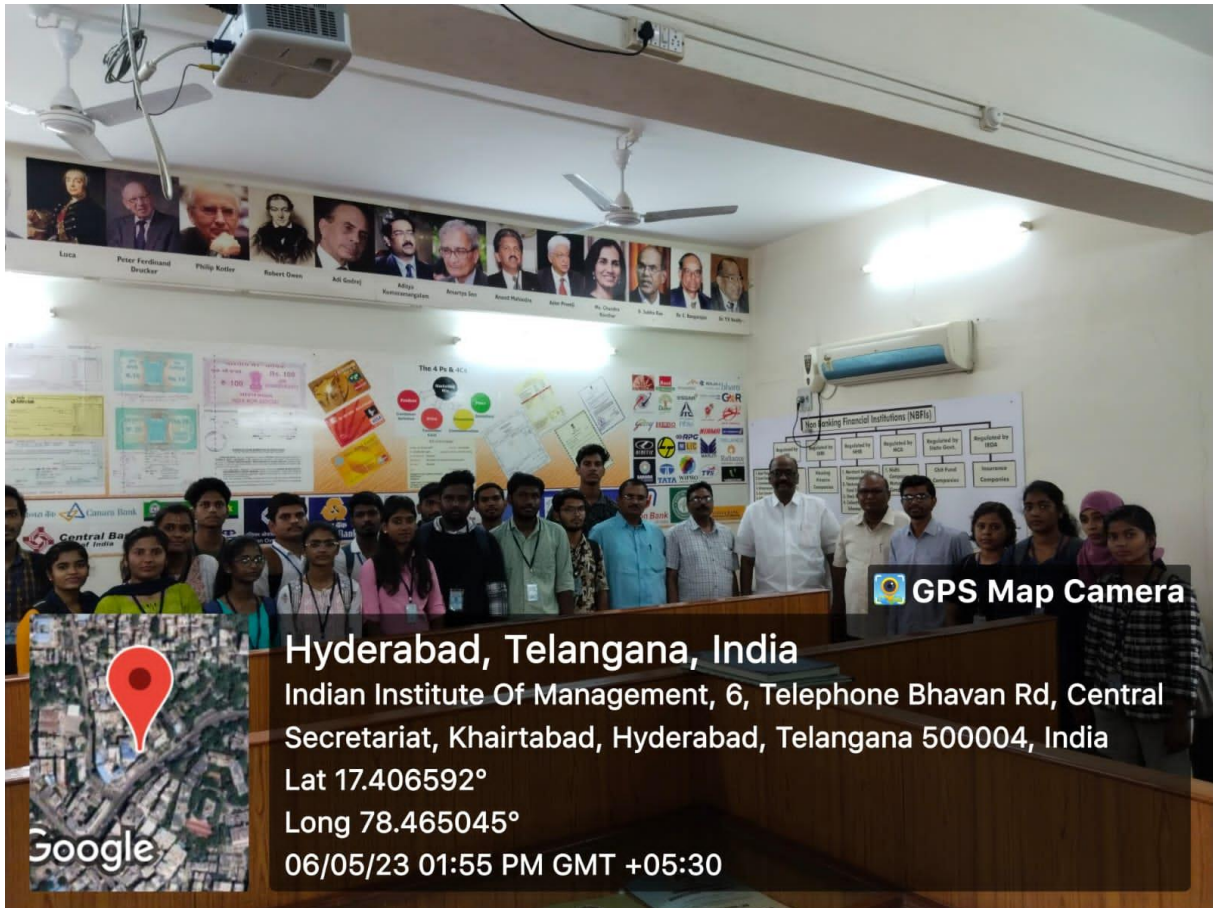
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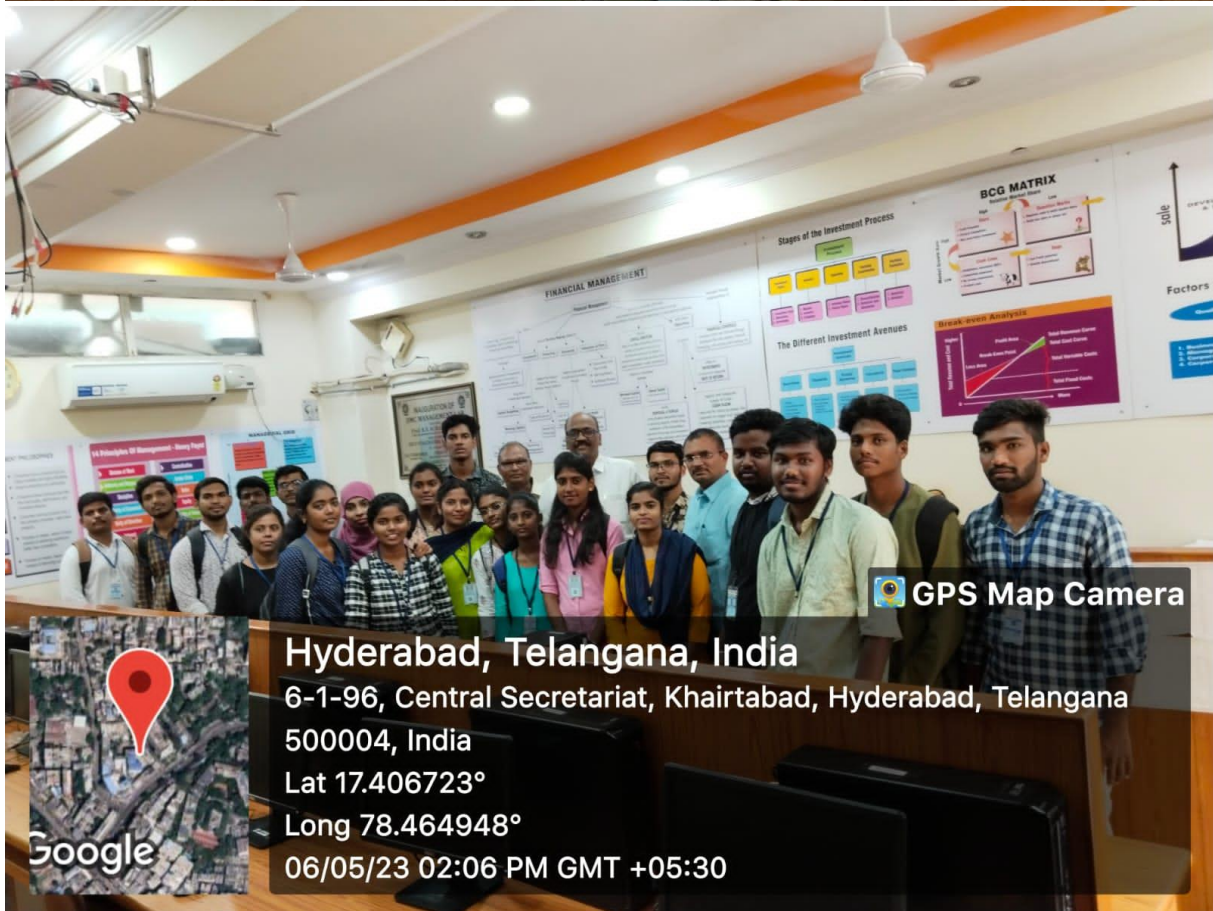
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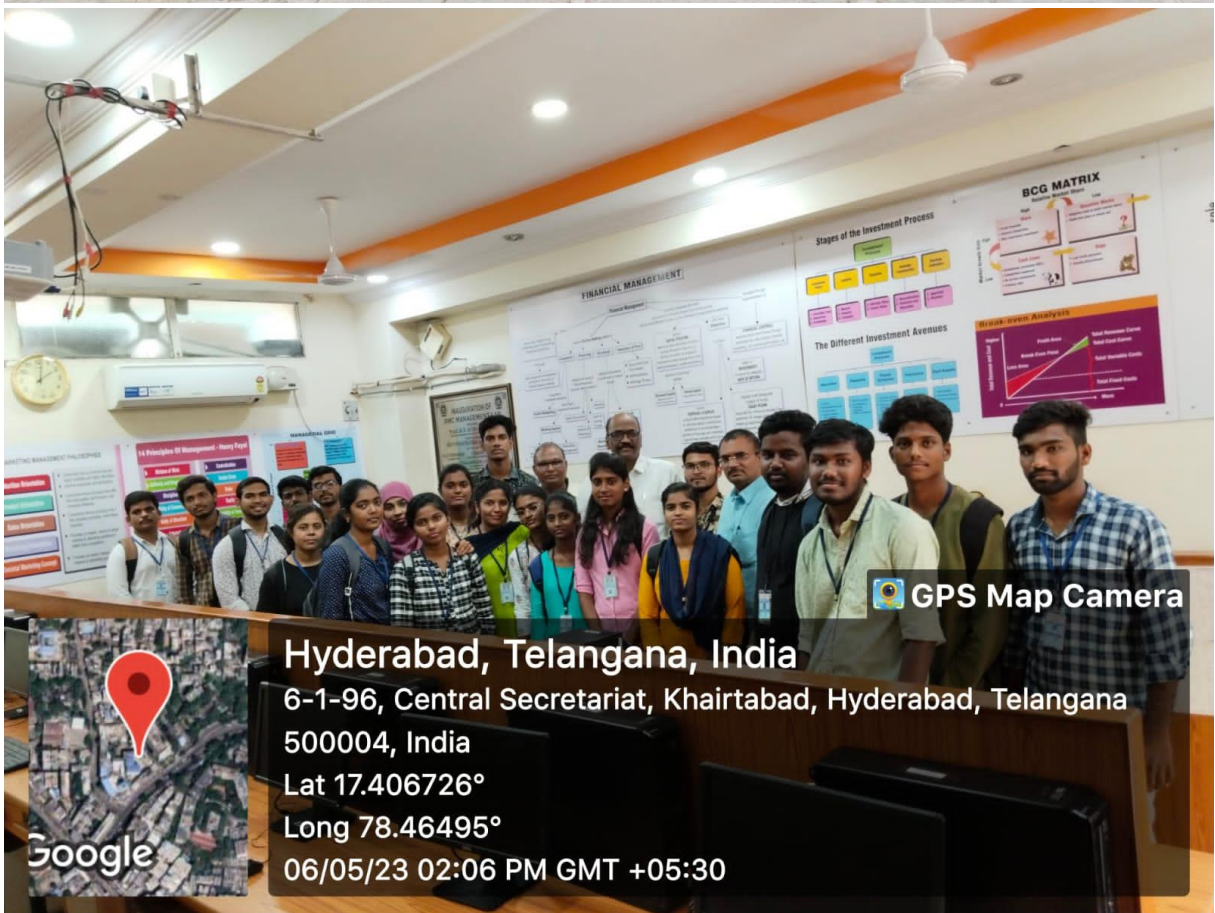


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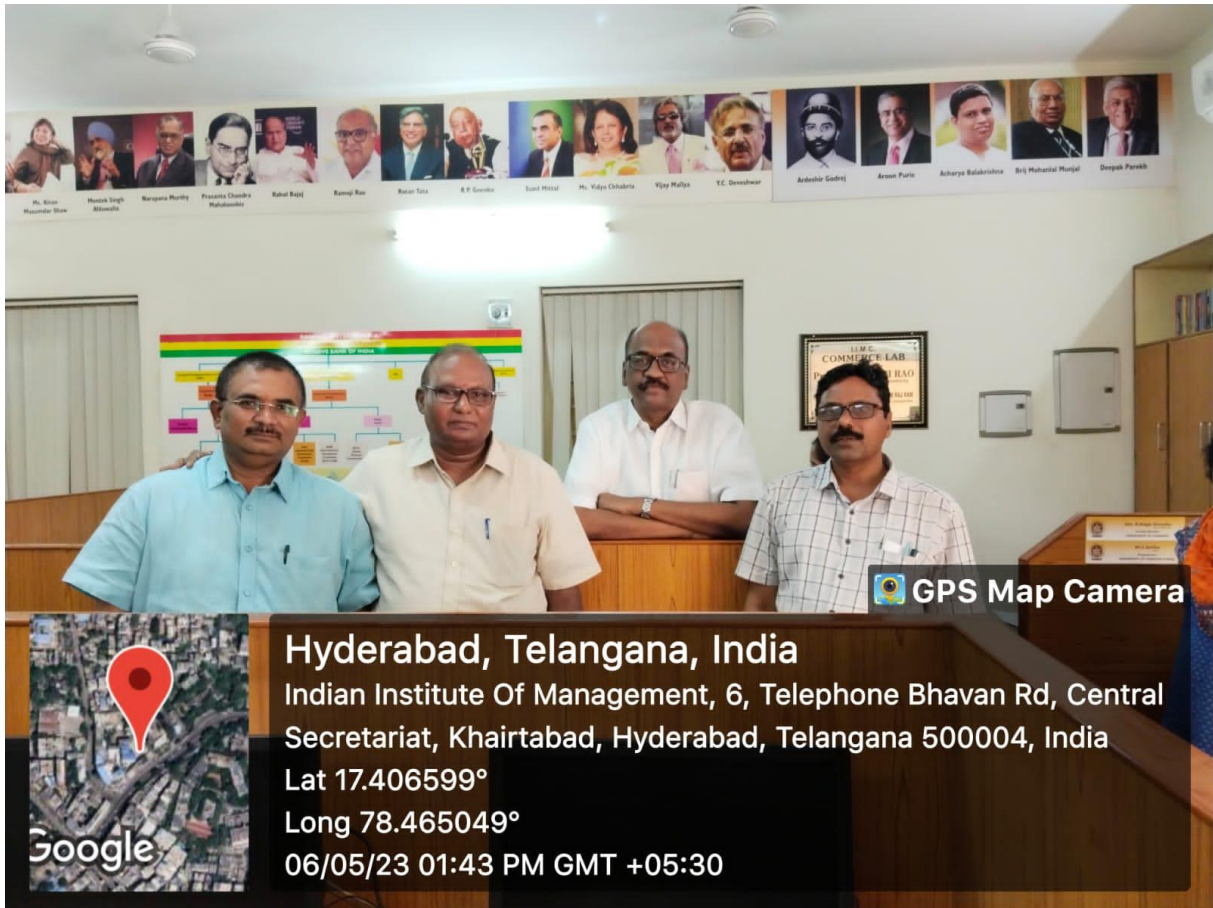


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Academic year 2023-24, _____, _____

**FIELD TRIP/EDUCATIONAL
TOUR REGISTER**

Department __PHYSICS_____

FIELD TRIP/EDUCATIONAL TOUR REGISTER

**Name of the place visited: National Geographical Research Institute,
Hyderabad**

Class : Ist, IInd & IIIrd Yr Year: 2023 _____

Date : __8th Sept' 2023 _____

(Note: Add permission letters from host and visiting institute before introduction)

Introduction:

The National Geophysical Research Institute (NGRI), a constituent research laboratory of the Council of Scientific and Industrial Research (CSIR) was established in 1961 with the mission to carry out research in multidisciplinary areas of the highly complex structure and processes of the Earth system and its extensively interlinked subsystems. NGRI has the mandate to conduct research for public-good science to enable government agencies, public and private sector stakeholders to make informed decisions about use of geo-resources sustainably and improve preparedness and resilience to natural hazards. As a close understanding of Earth processes and its intersections with the growth and development of the human society only can secure the future, it is our vision to develop the knowledge base of Earth system processes and apply it to produce strategies to minimize loss of life and property from natural disaster as well as manage water, energy, and mineral resources for enhancing the quality of life.

The research activities fall broadly under three themes: **Geodynamics**, which revolve round investigating and modeling fundamental aspects of the Earth system and processes, **Earthquake Hazards**, which encompass features on the surface and subsurface of crust which may potentially endanger lives and properties through catastrophes like earthquakes and landslides as well as deterioration in pollution levels of groundwater and soil, changes in climatic conditions and associated environmental issues. The theme **Natural Resources** comprise of implementation of techniques to identify primary geo-resources, which are the pillars of human civilization and fount of economic growth like groundwater, hydrocarbons as well as alternate energy sources and minerals.

The Institute is structured into seven major R&D Groups and twenty one Activities, which include expertise in a variety of geophysical, geochemical, geological techniques like Seismology, Magnetotellurics, GPS, Paleo-seismology, Structural geology, Controlled source seismics, Gravity and Magnetics,

Geochemistry, Geochronology, Paleomagnetism, Planetary geology, Geomagnetism, Airborne geophysics, Shallow subsurface geophysics and Rock Mechanics, Hydrochemistry, Paleo-environmental studies and Modeling and simulation of Earth processes. With 95 qualified scientists and equal number of technical staff, 150 project researchers and 50 PhD students, state-of-art computational and laboratory facilities and a nationwide network of observation sites, NGRI in partnership with sister agencies, public sector and private industries is committed to address the challenges of the near future and bring the benefits of science to impact societal priorities.

Objectives of the program:

Hon'ble Minister (S&T) Dr. Jitendra Singh highlighted that each of the 37 Council of Scientific and Industrial Research (CSIR) laboratories possesses distinctiveness, specializing in a wide array of fields ranging from genomics to geology, minerals to materials, food to fuel, and more. With the aim of spotlighting and disseminating this diverse expertise throughout society, the Hon'ble Minister introduced the concept of “**One Week One Lab**”. This endeavour is envisioned as a nationwide thematic campaign strategically crafted to illuminate the remarkable technological advancements and innovations originating from the CSIR labs for the people of India.

Expected outcome:

Students/Public Connect is a full one-day event under the '*Jigyasa*' program open to all students/teachers and the general public. Under this event, CSIR-NGRI organized more than 10 exhibits of different R & D activities, where students, through direct interactions with the scientists, learned about rock types, exploration of natural resources, phenomena of earthquakes and Tsunami, earthquake risks and hazard prevention, extent and sustainability of groundwater, etc. CSIR-NGRI had also arranged an open-air rock museum, the first of its kind in the country, with a large number of rock samples from different geological regions to educate about different types of rocks, their formation, and the information provided by these rocks. Student-scientific interaction with a quiz gave an additional chance to the students to deep dive into the realm of earth sciences.

Photo of the activity :





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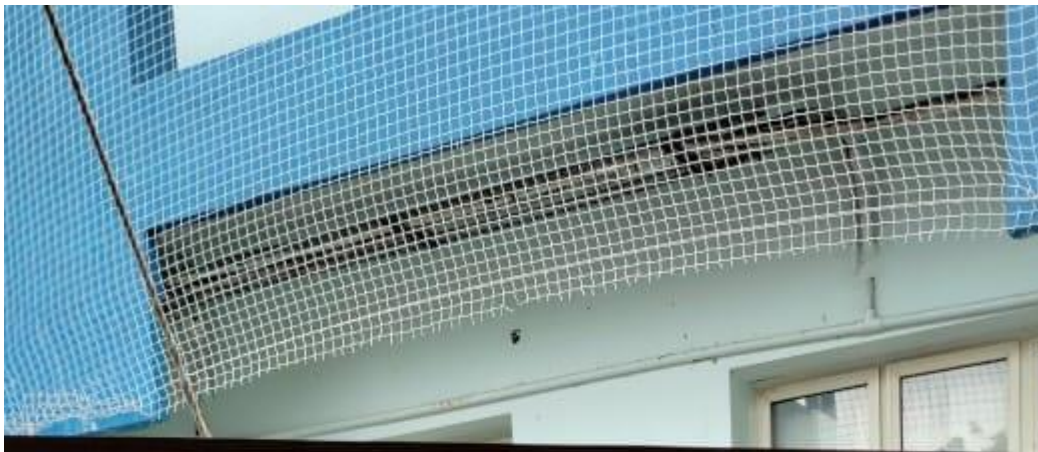
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1 week One Lab **Azadi Ka Amrit Mahotsav** **G20 India 2023** **Jigyasa**

Gas Hydrate - An Alternate Energy Resource

Scientific Expeditions and Drilling

National Gas Hydrate Program (NGHP)

Machine Learning Characterisation

Unsupervised Learning

Supervised Learning

Gas Hydrate Recovered from Indian Offshore

Identification: Geophysical mapping

Laboratory and Numerical Simulation for production methods

Tools Developed for Gas-hydrate Research at CSIR-NGRI

3D visualization & Generalisation

Quantification: Rock physics/entire core

Laboratory studies, Protocols

2D Clustering

3D Clustering

Depth below sea bottom (m)

2D Clustering Legend: 100% Gas hydrate, 50% Gas hydrate, 0% Gas hydrate, 100% Clay rich, 50% Clay rich, 0% Clay rich, 100% Gas bearing clay, 50% Gas bearing clay, 0% Gas bearing clay.

3D Clustering Legend: 100% Gas hydrate, 50% Gas hydrate, 0% Gas hydrate, 100% Clay rich, 50% Clay rich, 0% Clay rich, 100% Gas bearing clay, 50% Gas bearing clay, 0% Gas bearing clay.

Tools Developed for Gas-hydrate Research at CSIR-NGRI: Geophysical mapping, Laboratory and Numerical Simulation for production methods, 3D visualization & Generalisation, Quantification: Rock physics/entire core, Laboratory studies, Protocols, Machine Learning Characterisation, Unsupervised Learning, Supervised Learning.





1 week
One Lab



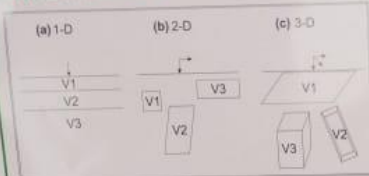
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Azadi Ka
Amrit Mahotsa



Jigyasa

Full waveform tomography: Sub-volcanic prospective

Introduction



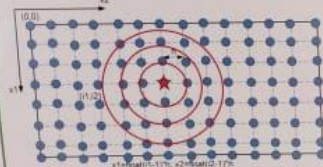
Representative model parametrizations in 1-D, 2-D and 3-D.

Wave equation

$$1D \quad \frac{1}{v^2} \frac{\partial^2 p}{\partial t^2} = \frac{\partial^2 p}{\partial x^2}$$

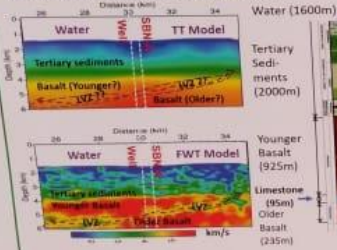
$$2D \quad \frac{1}{v^2} \frac{\partial^2 p}{\partial t^2} = \frac{\partial^2 p}{\partial x^2} + \frac{\partial^2 p}{\partial y^2}$$

Parametrization



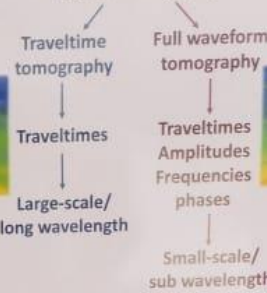
Application

LVZ Mesozoic Sediments in Indian offshore

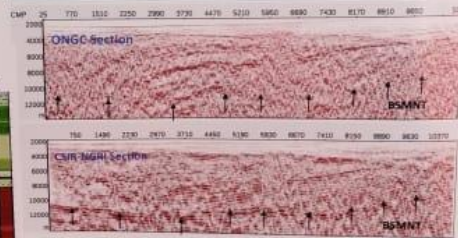


Contact e-mail: naradamu@ngri.res.in

Seismic tomography



Work flow



Inferences

- Full waveform tomography delineated finer details which is absent from conventional travel tomography alone.
- Models also match with available litholog, delineating lateral extension of sub-volcanic sedimentary (Limestone) formations.
- The developed models are well appropriate to enhance/improve the final seismic section.

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1 week
One Lab



75th
Anniversary

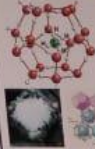


Jigyasa

GAS-HYDRATE RESEARCH AT CSIR-NGRI

WHAT IS IT ?

Gas-hydrates: Crystalline form of methane and other molecules. Major possible future energy resource



Low temperature (<15 °C)
High pressure (>5 MPa)



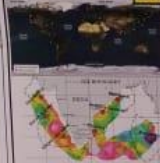
S.P.

164 m³
Gas



WHY DO WE NEED IT ?

WHERE DOES IT FORM AND WHAT ARE ITS IMPORTANCE ?

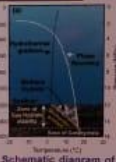
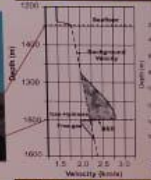


- Shallow sediments along the continental margins and permafrost regions
- Major energy resource; Twice the known fossil fuels resources
- Global reserve is ~15,000 TCM; Only 15% production can meet world's
- Energy Requirement for ~200 years
- Gas within gas-hydrates is estimated as ~1900 TCM, equivalent to 1500 times of Current natural gas reserve; 10% production can suffice India's requirement for ~100 years

HOW CAN IT BE IDENTIFIED ?

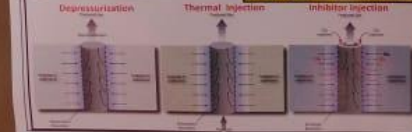


Seismic experiment



Schematic diagram of Gas hydrate stability Zone in Marine Environment

HOW CAN IT BE EXPLORED ?



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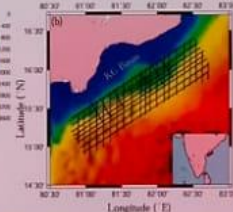
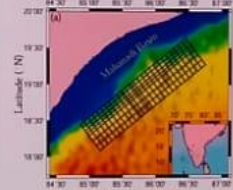
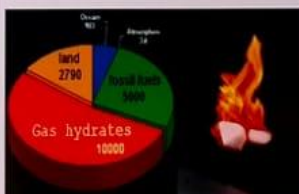
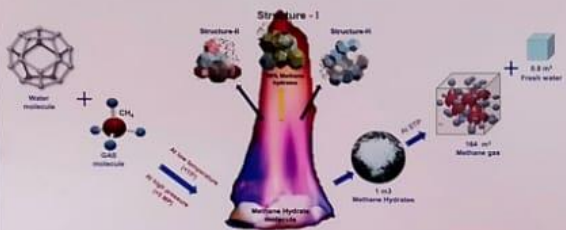
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Marine Research Activities for Gas-hydrate Exploration and Subsurface Imaging

Gas-hydrates Exploration

A Major energy resource for future

- Crystalline structures of methane and other molecules
- It forms in continental settings and deep-sea margins
- Need low temperature and high pressure to form
- A huge energy source for future



- ❖ The methane in global gas hydrate reserve is estimated ~15,000 trillion cubic meter (tcm); the carbon content is two times the carbon in total fossil fuels (oil, gas and coal)
- ❖ Only 15% production of global gas hydrates can meet world's energy requirement for ~200 yrs (Makogon, 2007)
- ❖ The amount of methane within gas hydrates along the Indian margin is prognosticated as ~1894 tcm, 10% production of which can serve India for about 100 years

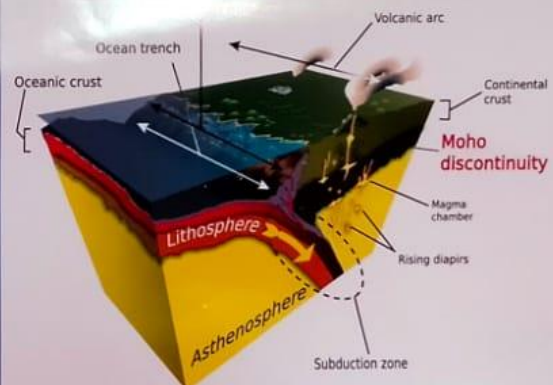
Techniques developed at CSIR-NGRI

Rock Physics Modeling
AVO Analysis, Saturation
Full Waveform Inversion
Attribute Analysis

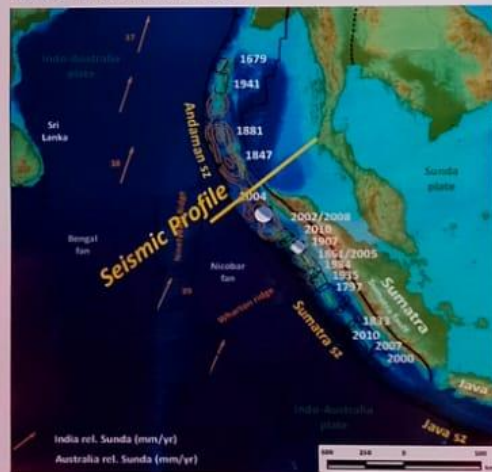
Effective medium theory
Velocity Analysis at BSR
Seismic Attenuation
Machine Learning

Subduction Study

Study of tectonic activities



Recently 700 line km profile have been taken across the Andaman subduction zone



Major Objectives:

- ❖ To image the subsurface structures and tectonic activities
- ❖ To frame a geodynamic model of Andaman subduction zone
- ❖ Possibilities for Gas-hydrates accumulation in Andaman offshore basin
- ❖ Using Multi Channel Seismic (MCS), Ocean Bottom Seismic (OBS) and gravity data, to prepare a crustal and deeper structures of Andaman subduction zone



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Signature of the participants:

S.No.	Roll Number	Name of the student	Mobile number	Signature
1	T12335206154	Gaddam Sai	8918602281	[Signature]
2	T12355200584	K. Pavan Ram	9346658511	K. Pavan
3	T12354204524	A. Vanshi	9207164067	[Signature]
4	T12359257412	Shaik. Bashoer	9959914790	[Signature]
5	T12258201732	M. Ashwin Singh	8885494427	[Signature]
6	T1235821755	M. Raviteja	9985971225	Raviteja
7	T12361228982	P. Pavan	8106893261	P. Pavan
8	T12361228982	K. Naveen Kumar	8300544528	K. Naveen
9	T123546206925	M. Ram	7815957749	[Signature]
10	T12360229855	K. Harish	7013005987	[Signature]
11	T12360229855	J. Prem Sagar	7093350544	J. Prem Sagar
12	T12360229855	S. Shailesh	"	Shailesh
13	114022468081	K. Venkatesh	7670899904	K. Venkatesh
14	114022468063	K. Nomu	7036112583	[Signature]
15	114022468005	A. Sarvani	8522888500	[Signature]
16	114022468015	B. Lokesh Babu	9652251940	[Signature]
17	T12860225817	M. Maheshwari	9616439150	Maheshwari
18	T12360240616	P. Mounika	7780725672	Mounika
19	T12250216186	M. Chandana	7780325933	Chandana
20	T12360230090	Ch. Sowmya	7995484970	Ch. Sowmya
21	6144	Ch. Samir	9390762986	[Signature]
22	T12360226412	P. Eshwari	7893166247	[Signature]
23	T12257209896	A. Navaneetha	9440403431	A. Navaneetha
24	T12360229817	M. Gayathri	7993478250	M. Gayathri
25	T12358214021	J. Mounika	8639703459	J. Mounika
26	T12350202170	Ch. Parameshwari	9010959340	Ch. Parameshwari
27	T12360232935	M. Pranathi	9591616255	[Signature]
28	T12358204378	A. Jothi	9706888586	A. Jothi
29	T12333301928	G. Revathi	6301431309	G. Revathi

S.No.	Roll No.	Category	Name	Mobile No	Signature	S.No.
30	114021468088	III	L. Anitha	9550756409	[Signature]	
31	2353202519	I	V. Surendra	9966077287	[Signature]	
32	2353202142	I	E. Parthasaradhi goud	6300123249	[Signature]	
33	114033205303	I	Raju	9347944929	[Signature]	
34	112346209581	I	Balaji	6304520911	[Signature]	
35	114022468129	II	S. Gowrishankar	9791450959	[Signature]	
36	114022468061	II	K. Bharathi	6281805334	[Signature]	
37	114021441021	III	P. Lakshmi	8074570043	[Signature]	
38	114021468087	III	L. Shanthi	8374518326	[Signature]	
39	114022468143	II	T. Pravalika	7386145376	[Signature]	
40	114022468142	II	T. Anand Kumar	7386285202	[Signature]	
41	114022468031	II	D. Sathish	6300243769	[Signature]	
42	114021468017	III	B. Kiran	6309375302	[Signature]	
43	114021468068	III	M. Teja Sai	6305330034	[Signature]	
44	114021468087	III	P. Shravani	7207856623	[Signature]	

Signature of the In-charge

Signature of the Principal

Field Trip to Sericulture unit of Shadnagar, Hyderabad

Department of Zoology organized field trip to Sericulture unit of Shadnagar, Hyderabad for second year zoology students on 19-11-2023.

The Resource person of unit Mrs Manjula explained the process of silk production to students starting from mulberry plantation and extraction of silk from cocoon at reeling unit. Students visited mulberry field and reeling unit. They were elated to the whole process of silk production. Number of students visited: 60, Staff involved: Ms Suprabha Panda, Dr P Anuradha and Dr Vijayaprasad Rao.



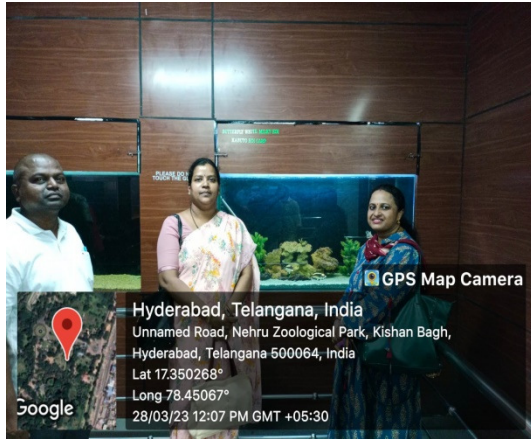


Field Trip to Nehru Zoological Park

Department of Zoology has organized a field trip to Nehru Zoological Park, Hyderabad as part of curriculum for the final year students on 28-03-2023. Students observed various species of animals and assistant curator has explained various management methods like feed of animals, treatment given to injured and diseased animals, breeding techniques of Mouse deer and Vulture which are in the endanger category.

Number of students visited: 28

Staff involved are : Ms Suprabha Panda, Dr P Anuradha and Dr Vijaya Prasad Rao.



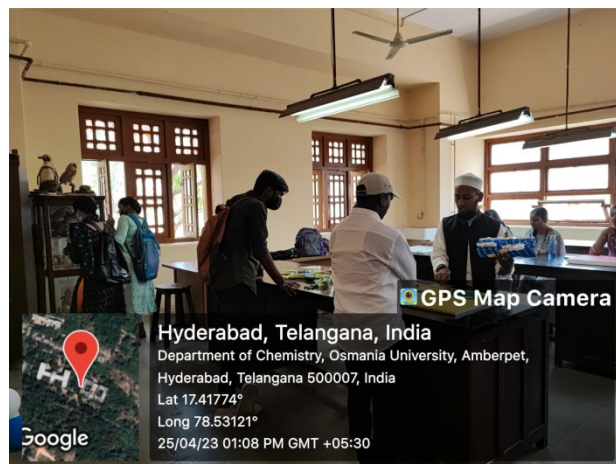
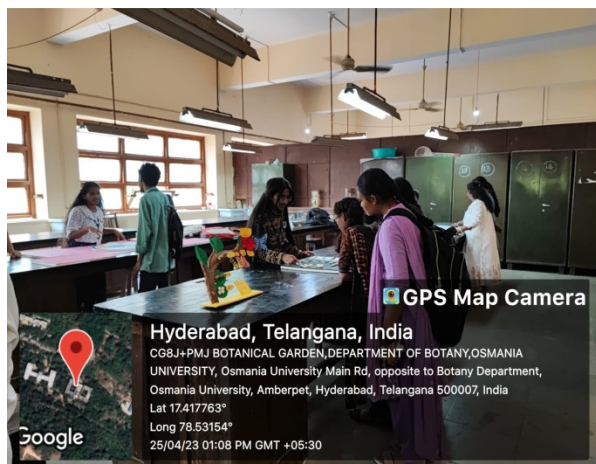


Field trip to Department of Zoology Osmania University

Department of Zoology organized field trip to Department of Zoology Osmania University on occasion of **Osmania Taksh 2023** on 25-04-2023. Students got a chance to see the research labs and scholars explained about the research going on the department and students also saw the Natural History Museum of Zoology department. The departmental museum has repository of several rare animals and fossils that have been collected from various parts of world. Students were elated to see the specimens and enthusiastically learned about them.

No. of students visited: 20

Staff involved: Suprabha Panda, Dr. K Vijaya Prasad Rao



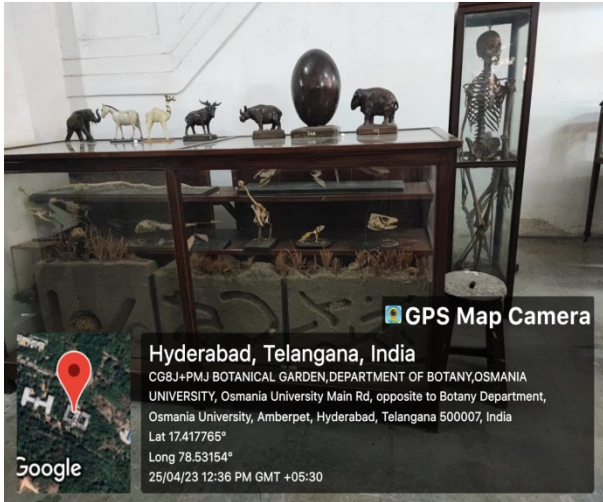


GPS Map Camera

Hyderabad, Telangana, India

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Google

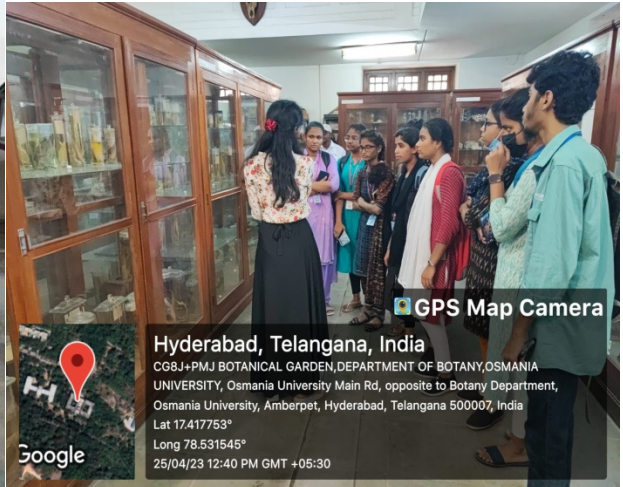


GPS Map Camera

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Google



GPS Map Camera

Hyderabad, Telangana, India

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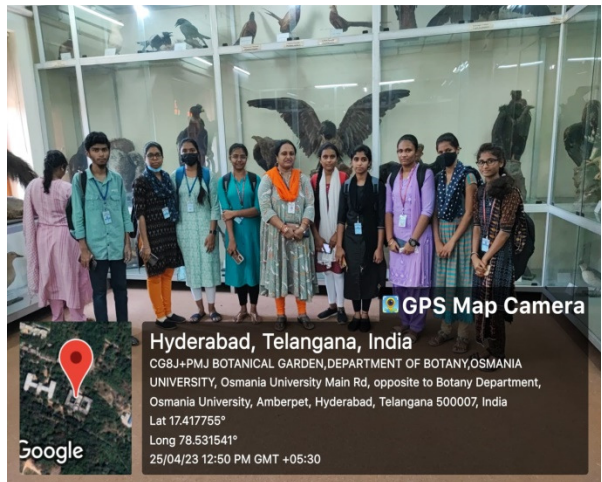


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Hyderabad, Telangana, India

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GPS Map Camera

Hyderabad, Telangana, India

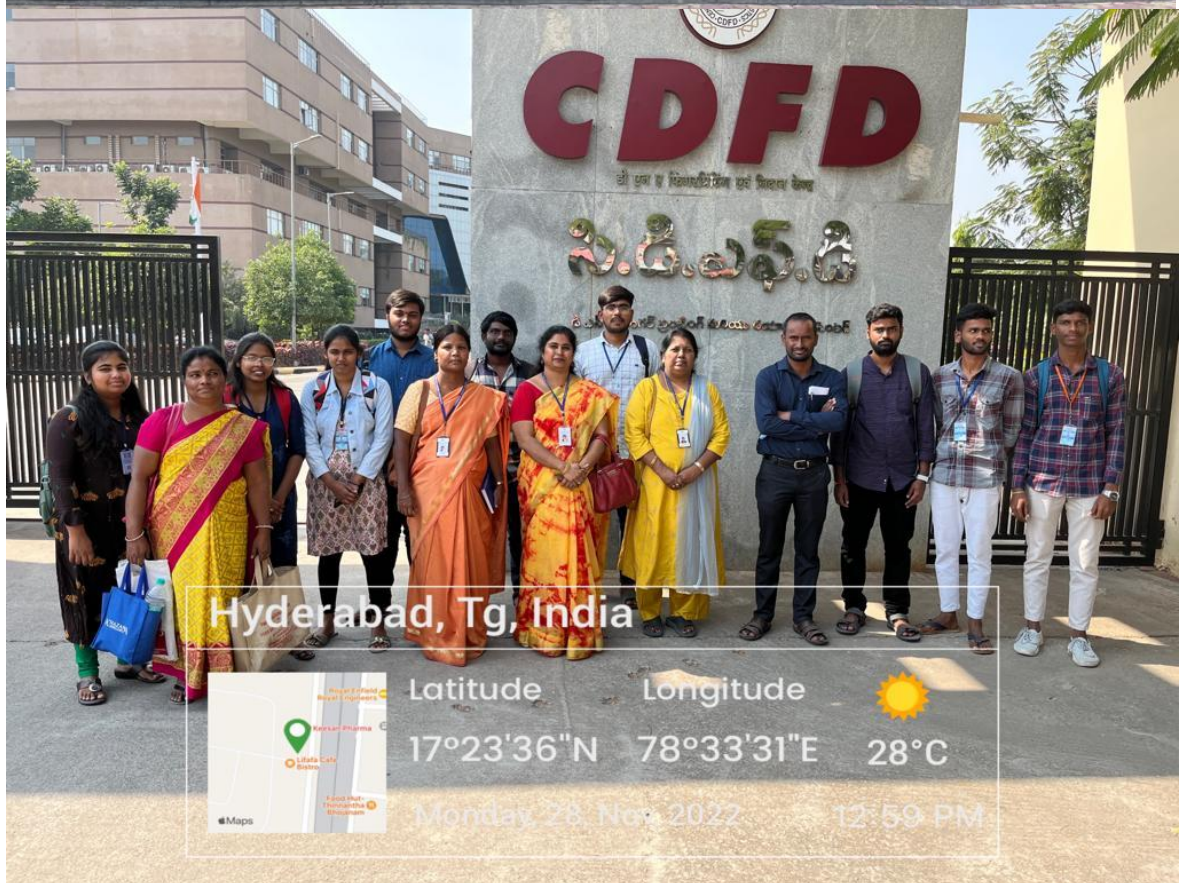
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Google

GOVERNMENT DEGREE COLLEGE KHAIRATABAD HYDERABAD
DEPARTMENT OF BOTANY
FIELD TRIP TO CENTRE FOR DNA FINGERPRINTING AND DIAGNOSTICS
(28/11/2022)

Department of Botany organized field trip to CDFD (Centre for Fingerprinting and Diagnostics) is an Indian biotechnology research centre located in Hyderabad, India. Operated by Department of Biotechnology, Ministry of Science and Technology, Government of India on 28/11/2022. It has focused largely on molecular epidemiology of Bacterial pathogens, structural genetics, molecular genetics, bioinformatics and computational biology. Dr. Varsha Staff Scientist & Head (Science communication) CDFD, Hyderabad. Faculty and students of life sciences visited, staff of CDFD explained and demonstrated sophisticated equipment facility (SEF) genomic services like Human Cell-DNA Sequences, 3730 DNA Sequencer, Real Time PCR, Confocal LSM700, Flow Cytometer-Cell Sorter, Tissue Processor, Microtome, Super resolutions LSM980, RT-PCR etc. Students are enlightened and got knowledge and understanding about DNA sequencing and fingerprinting. Ms. B. Sofia Rani Incharge Head Dept. of Botany, Dr. P. Vijaya Asst. prof. of Botany, Dr. K. Sarojini Chakravarthy Asst. professor of Botany and Dr. N. Harikrishna Incharge Head Department of Microbiology along with 65 students visited CDFD.









Government Degree College, Khairatabad, Hyderabad

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Department of History

FIELD TRIP

2022-23

Government Degree College , Khairatabad., Hyderabad

Dept of History

Dept of History :: Field Trip – Academic year 2022-2023

Name of the place visited :: Govt City College Nayapul , Hyd

Class :: BA Students Year:: I,II, III years

Date :: 26.08.2022.

It was attended by nearly 20 students. Accompanied by Dr.M.Vani, Head Dept of History. Faculty of Social Sciences to Visit Govt City College, Nayapul ,Hyd on the Occasion of College 100 years Celebrations. It was one the oldest College in the Nizam state founded for Higher Education. During 100 years celebrations program they invited sister colleges in twin cities to visit various stalls kept for exhibition. , of Week long Program.

Related to Dept of History, Khairatabad it has MOU with Dept of History, Govt City College, Nayapul for exchange of academic and extra curricular activities. On the occasion of 100 years of college celebrations arranged **Old Coins exhibition with the coordination of Numismatic society members. And Art , Painting exhibitions, painted by students about History and Important Personlities.**

The Dept of History taken field trip to BA students on 26.08.2022. The main Purpose of the field trip to BA History students is to have an observation, awareness, and providing information and interaction with History Faculty and students on the 100 years celebrations



Faculty and Students watching Painting and Coins Exhibition at Govt City College, Hyd On 100 years Celebrations On 26.08.2022



Faculty and Students watching Painting and Coins Exhibition at Govt City College, Hyd On 100 years Celebrations On 26.08.2022





Faculty of History & Students of BA History, GDC, Khairatabad, With Faculty of History, Govt City College, Nayapul.Hyd . Group Photo at Great Hall of City College, Nayapul, Hyd With Principal.Dr.K.Bala Bhaskar.

Standing from Right to Left	Ms.G.Anusha, MS.O.Swetha , MS.K.Vennala.	BA Students GDC, Khairatabad, Hyd
	Dr.K.Srinivas	Faculty of History City College,Hyd
	Dr.Shanthi	Faculty of History City College,Hyd
	Dr.B.Sudhakshana	Faculty of History City College,Hyd
	Dr.M.Vani	Faculty of History GDC, K,Hyd
Sitting from Right to Left	Mr.K.Shirdesh Mr.K.Vishnu Mr.Akash	BA Students GDC, Khairatabad, Hyd

Faculty of Social Sciences -2022-2023 -5.09.202

Dept of History :: Field Trip – I Academic year 2022-2023

Name of the place visited: : Archaeology Museum , Public Gardens, Hyd

Class : : BA Students Year:: I,II, III years

Date : : 3.11.2022.

It was attended by nearly 68 students. Accompanied by Dr.M.Vani, Head Dept of History.

The Dept of History taken field trip to BA students on 3.11.2022. to Archaeology Museum located at Public Gardens, Nampally, Hyderabad . The main Purpose of the field trip to BA History students is to have an observation, awareness, and providing information about how museums are stored Various Historical Objects , Artifacts, Different History related material from Pre-History to modern day . The museum is having old objectes dating from 3 BCE and they arranged based on timeline of Hisotry. The most worth seeing is Amaravathi Stupa structures. Egypt Mummy, objects related to Vijayanagara empire period.



Infront of the Archaeology Museum Group Photo with Students.



Museum Staff Explaining about it, and how to visit route map, Important galleries to students.





Excavated and Displayed Stone structures and Buddha Statue of Gandhara Art Model.





Amaravathi Art gallery which is most attracting to history , culture , Heritage interested Scholars. It was the model. The original Structure of it located and Kept at London Museum . As British East India Company ruling India . The Original Structures were taken away by them and displayed at London Museum. Here it was a Model with some original objects kept for Visitors.

On - 03.11.2022

Dept of History :: Field Trip – 2 Academic year 2022-2023

Name of the place visited :: Tribal Museum , Masab Tank, Hyd

Class :: BA Students Year:: I,II, III years

Date :: 21.11.2022.

It was attended by nearly 40 students. Accompanied by Dr.M.Vani, Head Dept of History. Mr.M. Srisailam, Faculty of History.

The Dept of History taken field trip to BA students on 21.11.2022. to Tribal Museum located at Masab Tank , Hyderabad . The main Purpose of the field trip to BA History students is to have an observation, awareness, and providing information about how museums are stored Various Historical Objects , Artifacts, Different History related material from Pre-History to modern day . The museum is specially designed for projecting Tribals Culture, Lifestyles, Heritage, and their Habitation. India has more than 550 tribes living in the country when it comes to Telengana State nearly 34 groups are living here. Among them 10 tribes are influential. They are known as Primitive Tribal Groups. Gond, Chenchu, Koya, Thoti, Konda Reddies, Kollam, Lambada,Pardhan, Andh, Naikpod. etc

They were various facilities by Govt of India, and State Govt of Telengana under Ministry of Tribal Welfare. Studnets were explained about the Museum by **Curator Dr.D.Satyanarayana, about the Tirbal groups, lifestyles, occupation, areas of Living , their structure of administration.**



The Students were showed Tribals in Telengana Documentry in the Museum Theatre. The Tribal Museum in Masab Tank , Hyd is wroth seeing and one of the premier museum in its concept. **On :: 21.11.2022**



Group of Students and Faculty Dr.M.Vani, Mr.Sridailam and Tribal Museum Curator :: Dr.D.Satyanarayana .





Tribal Panchayat Setting in Tribal Museum:: Faculty and Students seeing the objects in the Tribal Museum. On 21.11.2022





Students Who are doing Jignasa Study Project for the Academic year 2022-2023 on :: Tribals in Telengana field Visit to Museum .





Government Degree College, Khairatabad, Hyderabad

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Academic year 2022-23

**FIELD TRIP/EDUCATIONAL
TOUR REGISTER**

Department of Microbiology

FIELD TRIP/EDUCATIONAL TOUR

Name of the place visited: Department of Microbiology

Class : II and III yr

Year : 2022-23

Date : 25.04.2023

Number of students attended : 52

Introduction:

The Department of Microbiology, organized to visit the Department of Microbiology on its open day. Students attended this program and

Objectives of the program:

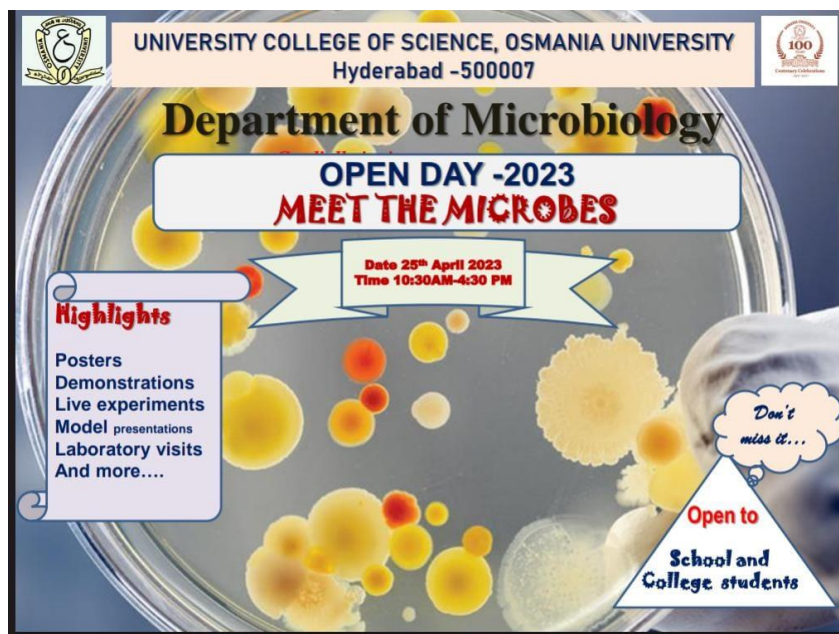
- To Create awareness about the recent trends in the research
- To encourage the students towards the research
- To enlighten about the techniques and equipment used in the research

Expected outcome:

- Students can get an idea about the equipments
- Students get an awareness on the research occurring in the department
- Enlighten about the future prospects in the field of Microbiology

Brief report of the program:

Department of Microbiology and other science departments announced their open day to visit the respective laboratories and research activities.



The Department of Microbiology, Botany, Zoology and Biotechnology of our college, planned to visit the Osmania University on open day i.e on 25.04.2023. More than 50 students attended the educational tour. Ph. D scholars explained about the recent trends in the science like CRISPER Cas 9 technology and unforgotten scientists of Microbiology in detail. Students visited the molecular pathogenesis lab, probiotics lab, cell culture lab, Marine microbiology lab, anaerobic cultivation lab in the microbiology department. Research scholars explained about their research work and equipments detail with procedures and applications. Students of Microbiology Department learnt about the lyophilisation technique, HPLC methodology, FPLC procedure, Electroporation, cold centrifugation, Probiotic bacteria preparation, cellulose synthesis from waste, Agarose gel electrophoresis, SDS-PAGE, chromatography techniques via practical demonstration by the research scholars. Students also visited the Department of Biotechnology and Centre for Plant Molecular Biology.

Photos of the activity :



Students and faculty with Dr. Hameeda and Dr. Sandeeptha


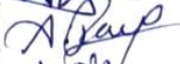

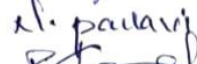

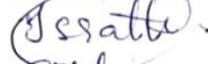





Explanation by the research scholars

Attended Students list:

S.No	Name of the student	Group and year	Signature
1.	N. Mayur	BSC (Anmbz) III yr	<u>Mayur</u>
2.	M. Preethi	BSC (Mzc) III yr	<u>Preethi</u>
3.	Shirisha	BSC (Mzc) III yr	
4.	Preethi goud	BSC (Mzc) III yr	
5.	J. Bala Kishora	BSC (Mzc) III yr	
6.	B. Daksha Sri	B.Sc (Mb, bt, d) 2 nd yr	<u>B. Dakshadri</u>
7.	P. Sravani	BSC (MBCBT) I st yr	<u>P. Sravani</u>
8.	G. Akshitha	BSC (MBCBT) I st yr	<u>G. Akshitha</u>
9.	E. Shiva	BSC (MB/BT) 1 st yr	<u>E. Shiva</u>
10.	A. Mounika	Bsc (MBBTC) 1 st year	<u>A Mounika</u>
11.	N. Shiva keshava	Bsc (MBBTC) 1 st yr	<u>Shivatshava</u>
12.	P. Hemant Sagar	MBZcs - 1 yr	<u>P. Sagar</u>
13.	A. Shreethi	Mbcbt - 1 yr	<u>A. Shreethi</u>
14.	M. Siddartha	MBZcs - 1 yr	<u>M. Siddartha</u>
15.	P. Karthik	MBCBT - 1 yr	<u>P. Karthik</u>
16.	M. Dileep	MBBTC - 1 yr	<u>M. Dileep</u>
17.	Cheela. Anji reddy	MBZC - 2 nd yr	<u>Anji</u>
18.	A. Siri	MBANPsy - 2 nd yr	<u>A. Siri</u>
19.	J. Ashwini	MBZcs (B.Sc) 2 nd yr	<u>J. Ashwini</u>
20.	A. Pooja	MBZc (B.Sc) 2 nd yr	<u>Pooja</u>
21.	Y. Mohana	MBZcs (B.Sc) 2 nd year	<u>Mohana</u>
22.	Hd. Abdul Wahed	MZbt (BSC) 2 nd yr	<u>H. Abdul Wahed</u>
23.	K. Vyshnavi	MZbt (BSC) 2 nd yr	<u>K. Vyshnavi</u>
24.	P. Sucharitha	Mbbtc (BSC) 2 nd yr	<u>Suchi</u>
25.	Sanija mixza Kousar	MBZCS (B.Sc) 2 nd yr	<u>Sanija</u>
26.	V. Tjassri	MBZpsy 2 nd Bsc	<u>Tjassri</u>
27.	D. Shana warolan	MBZpsy 2 nd Bsc	<u>Shana</u>
28.	S. Swetha	MBZCS (BSC) 2 nd yr	<u>Swetha</u>

S.No	Name of the student	Group and year	Signature
29.	M. Akhil Kumar	AnMC II nd	
30.	A. Pavani	ANMZ II	
31.	Axshiya Kousar	MbZCS (B.Sc II nd yr)	
32.	N. pavani	MbZC (B.Sc II nd yr)	
33.	B. Kemal	MbBTC 1 st year	
34.	Issath	MbBTC 1 st year	
35.	D. Akshitha	Bt MbZ 1 st year	

**GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD, T.S.-500 004.**

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FIELD TRIP

TO

Central Institute of plastics Engineering and Technology

(CIPET), Hyderabad.

On 10th November 2022, Students with 3 lecturers went for Industrial trip to Central Institute of Plastics Engineering and Technology (CIPET) to know how plastics are designed, manufactured and working of various equipment used in the manufacturing of Plastic products.

We reached there by 11AM. Dr B.Srinivaslu, Principle Director (CIPET) and Dr V. Krishna Kumar, Chief Manager interacted with students and explained about vast applications of plastics in our day to day life and also how to avoid pollution caused by plastics by reuse, recycling. They also explained about Skill based and self employment PG-Diploma & Diploma courses offered by CIPET.

Later students visited Processing, Tools and Testing Departments where Technical staff explained Working of various Equipment.

Outcome: After this Industrial visit students came to know how various plastic products are prepared and equipment used in manufacturing, processing & testing and mainly how to avoid plastic pollution by Reusing & Recycling of plastics.



Hyderabad, Telangana, India

6-2-810, Tummala Basthi, Khairtabad, Hyderabad,
Telangana 500004, India
Lat 17.410491°
Long 78.458104°
10/11/22 09:48 AM GMT +05:30



Secunderabad, Telangana, India

FH8W+FJJ, B N Reddy Nagar, Cherlapalli,
Secunderabad, Telangana 501301, India
Lat 17.466516°
Long 78.5964°
10/11/22 01:34 PM GMT +05:30





To,
The Principle,
Government Degree College,
Khairatabad, Hyderabad.

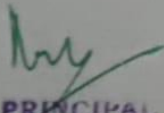
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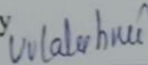
Respected sir,

Sub: Permission to visit CIPET, Hyderabad Req: Reg:

The Department of chemistry is planning to visit CIPET (Central Institute of plastics Engineering and Technology) along with 50 students .This Industrial visit is very helpful to students to create awareness on plastic manufacturing ,recycling and reuse of plastic material .Hence I request you to kindly permit us to organize this Industrial visit in the month of November 2022.

Thank you,


PRINCIPAL
GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD

Yours faithfully 
Dr.V.Vijaya lakshmi

Head, Dept. of Chemistry
INCHARGE
Department of Chemistry
Govt. Degree College,
Khairatabad, Hyd.



GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD, T.S.-500 004.
Re-accredited with 'B' grade by NAAC

Dr.B.Rajendra Kumar, M.Sc,Ph.D,
Principal,
Mobile No: 9440890253

Phone No: 040-23314956, 040-23390758

Email address: gdck2007@gmail.com

Website: www.gdckhairatabad.ac.in

31.10.2022

To,
Dr.B.Srinivasulu
Principal Director,
CIPET,
Hyderabad.

Respected Sir,

Sub: Permission to visit CIPET with students from GDC, Khairatabad Req: Reg;

Dept of Chemistry, Government Degree College, Khairatabad is interested to visit CIPET (Central Institute of plastics Engineering and Technology) along with students to create awareness on plastic products manufacturing and testing techniques. Therefore I request you to permit fifty students and three faculty members to visit your Department in the second week of November 2022. (Tentative dates 10th, 11th).

Thanking You,

Principal

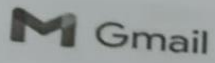
Dr. B.Rajendra Kumar
Govt Degree College,
Khairatabad,
Hyderabad.

PRINCIPAL

**GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD**

11/04/22, 2:34 PM

Gmail - Permission for plant visit



Shanti kala <chemistryvisharagdck@gmail.com>

Permission for plant visit

1 message

VTC, CIPET Hyderabad <vtc-hyderabad@cipet.gov.in>

4 November 2022 at 10:30

To: gdck2007@gmail.com

Cc: chemistryvisharagdck@gmail.com, hyderabad <hyderabad@cipet.gov.in>

CIPET/HYD/IV/2022

Date: 03.11.2022

To
Dr B. Rajendra Kumar
Principal
Govt Degree College
Khairtabad
Hyderabad

Kind Attn: Ms. Anitha, Dept of Chemistry

Sub: Permission for plant visit - Reg
Ref: Your letter dated 31.10.2022

Dear Sir

With reference to the above and telephonic discussion, we hereby confirm to organize the visit for your students to CIPET on 10th November 2022 from 09.30 AM.

For further details, you may contact the undersigned.

With Regards,


D Anjaneya Sharma
Manager (T)
Mobile No: 8093140230

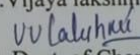
#comhid=thread-f%3A1748540305929374682&simpl=msg-f%3A1

NOTICE

31-10-2022

This is to inform to all B.Sc.I,II,III year students that Chemistry Department is organizing Industrial visit to CIPET (Central Institute of plastics Engineering and Technology) in the month of November (Tentatively 10th or 11th November 2022). Interested students can give their names in the Chemistry Department before 7th November 2022.


PRINCIPAL
GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD

Dr. V. Vijaya lakshmi

Head, Dept. of Chemistry

Government Degree College,

Khairatabad, Hyderabad
INCHARGE
Department of Chemistry
Govt. Degree College,
Khairatabad, Hyd.

E. Akshaya
31/10/22

B88 31/10/22
II AN combinations

A. Nikitha
31/10/22

M. Gayathri
31/10/22

G. Param Jyothi
31/10/22

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31/10/22

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II AN combinations

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GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD, T.S.-500 004.
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Dr. B. Rajendra Kumar, M.Sc, Ph.D,
Principal,
Mobile No: 9440890253

Phone No: 040-23314956, 040-23390758
Email address: gdck2007@gmail.com
www.gdckhairatabad.ac.in

07.11.2022

To
The RTC Depot
Manager
Mehidipatnam,
Hyderabad.

Respected Sir,

Sub: Requirement of RTC Bus to the students of GDC, Khairatabad for Industrial Visit Req: Reg

With reference to the subject cited above the department of chemistry faculty members have planned Industrial visit to CIPET (Central Institute of Engineering and Technology) Cherlapalli, Hyderabad along with 50 students (Fifty) on 10th November at 9.30AM. Therefore I request you to arrange a RTC Bus which has a capacity of 50 members occupancy.

Thanking You,

Principal

[Signature]
Dr. B. Rajendra Kumar
Govt Degree College,
Khairatabad,
Hyderabad.
PRINCIPAL
GOVERNMENT DEGREE COLLEGE
KHAIRATABAD, HYDERABAD



TELANGANA STATE ROAD TRANSPORT CORPORATION M.T.D. 427 (Gen. 113)/R

Rs. 9,188

08/67012

D7 Office

Received from T. Ashok

the sum of Rupees (in words) Nine Thousand one hundred and eighty eight only of towards T.S.R.C.

Date 9/11/22

[Signature]
Receiving Authority.

Party Copy : Black Colour ; Office Copy : Megenta Colour.

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GOVERNMENT DEGREE COLLEGE, KHIRATABAD

DEPARTMENT OF CHEMISTRY

Field trip to the CSIR-IICT, HYDERABAD

On

9th March 2023

As CSIR - IICT, Hyderabad announced a weeklong celebration (one week one lab) from 7th to 12th March 2023, to exhibit its new innovation and its contributions in science and technology. On 9th March 2023, 35 students with 2 lectures went for a field trip to IICT, Tarnaka, Hyderabad. There the scientist /research scholars demonstrated various equipment used in chemistry and chemical technology, Demonstration of Working of rotavapor, Separation techniques like column chromatography, paper chromatography, and thin layer chromatography. They also demonstrated different types of solvent extraction methods, Analytical techniques like NMR Spectroscopy, IR Spectroscopy, and Mass spectrometry.

They clearly explained the various Experimental procedures involved in from synthesis of the compound to getting the compound in the pure form and how the biological activity of the compound is tested on various organs and also about pre-clinical and clinical trials. They also displayed models of the new inventions and current research going on at IICT, Hyderabad.







GPS Map Camera
Secunderabad, Telangana, India
CGFQ+3HC, IICT Colony, Tarnaka,
Secunderabad, Telangana 500007, India
Lat 17.42239°
Long 78.539033°
09/03/23 12:00 PM GMT +05:30



Neem Trees
Diets of Neem in Neem Trees
Phenolic compounds (Flavonoids)
Isolates: Chaperonin and protein



GPS Map Camera
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CGCQ+VF8, IICT Colony, Tarnaka,
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Students Attendance:

43

C. NO	Roll NO	class / group	Name	Signature
1.	114021441022	Bsc [MPC]	P. Manikanth	manikanth
2	114021572011	Bsc (BTBC)	P. Mancesh	Man
3.	114021445017	Bsc [BZC]	P. Sravani	Sravan
4	114021445007	BSC [BZC]	B. Mythili	Mythili
5.	281321441019	Bsc [MPC]	P. Prameela	Prameela
6.	114021487008	Bsc (MBTC)	P. Sucharitha	Sucharitha
7.	114021462001	Bsc (MBBTC)	B. Daksha	Daksha
8	114021572006	Bsc [BTBC]	K. Shashmitha	Shashi
9	114021489003	Bsc (BZC)	E. Anusha	Anusha
10	114021457001	BSC [MPC]	Afreen	Afreen
11	1140214450016	Bsc (BZC)	D. Pallavi	D. Pallavi
12	114021445030	B. sc (B. z. c)	G. Paramyothi	G. Paramyothi
13.	114020445108	BSC (BZC)	V. Sri Alaya	Sri Alaya
14.	114021441021	II BSC (MPC)	P. Lakshmi	Lakshmi
15.	114020441047	III BSC (MPC)	S. Mahadevi	S. Mahadevi
16.	114020441009	III BSC (MPC)	B. Hemalatha	B. Hemalatha
17.	114020441046	III BSC (MPC)	S. Bindu	S. Bindu
18.	114020441035	III BSC (MPC)	L. Shivaaji	L. Shivaaji
19.	114020441007	III B. sc (MPC)	B. Madhu	B. Madhu
20	114020441027	III B. sc (MPC)	G. Mahesh	G. Mahesh
21	114020441019	III B. sc (MPC)	D. Nagaraju	Nagaraju
22	114020441024	III Bsc (MPC)	G. Sailasan	G. Sailasan
23	114020441031	III Bsc (MPC)	K. Srikanth	K. Srikanth
24	114021449002	III B. sc (ANMC)	M. Akhil Kumar	Akhil
25	114021449001	II. BSC (ANMC)	D. OBULVAMSHI	D. Obulvamsi
26	114021487003	I B. sc (mb. bsc)	G. Sathish Kumar	G. Sathish
27	114021487002	II B. Sc (Mb. bsc)	B. Naveen	B. Naveen
28.	1142021449003	II B. sc (AN. MC)	M. Sathish	Sathish
29.	114021445002	II B. sc (BZC)	A. Nikitha	A. Nikitha
30.	114021445043	II B. sc (BZC)	A. M. Gayathri	Gayathri
31.	114020445114	III Bsc (BZC)	W. Sachin	Sachin
32.	114020445030	III Bsc BZC	Kamshi Krishna	Kamshi
33.	114020445101	III Bsc BZC	S. Sandeep	S. Sandeep
34	114020445083	III Bsc BZC	P. Eliyazar	Eliyazar
35.	114020445071	III BSC BZC	M. Rohith	Rohith

మనవి పత్రం

గౌరవనీయులు,

22.12.2022,

తెలంగాణ సాహిత్య అకాడమీ అధ్యక్షులు మరియు

ఖైరతాబాద్.

జాతీయ పుస్తక ప్రదర్శన శాల అధ్యక్షులు జూలూరి గౌరి శంకర్ గారికి

జాతీయ పుస్తక ప్రదర్శన శాల కార్యదర్శి

చంద్రమోహన్ గారికి

నమస్కారములు

ప్రభుత్వ డిగ్రీ కళాశాల ఖైరతాబాద్, విద్యార్థులు, తెలుగు శాఖ అధ్యాపకులకు 35 వ జాతీయ పుస్తక ప్రదర్శన శాలకు అనుమతి కొరకు మనవి.

మేము చేయు విజ్ఞాపన ఏమనగా తెలుగు విభాగం ఆధ్వర్యంలో డిగ్రీ మొదటి సంవత్సర విద్యార్థులను N.T. R స్టేడియం హైదరాబాద్ లో జరిగే జాతీయ పుస్తక ప్రదర్శన శాలకు క్షేత్ర పర్యటన కొరకు 23.12.2022 శుక్రవారం రోజున తీసుకురావాలనుకుంటున్నాం. మీరు అనుమతించిన యెడల విద్యార్థులతో పాటు తెలుగు అధ్యాపకులందరం కూడా వచ్చి క్షేత్ర పర్యటన అనుభవాలతో కళాశాలకు తిరిగి వెళ్ళుటకు అనుమతించగలరని మనవి. కృతజ్ఞులతో.....

ఇట్లు

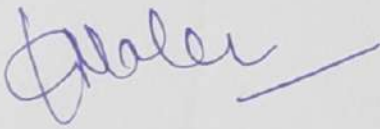
మీ విశ్వాసపాత్రుడు

అంతటి బాలస్వామి

తెలుగు సహాయాచార్యులు

తెలుగు విభాగాధిపతి

ప్రభుత్వ డిగ్రీ కళాశాల ఖైరతాబాద్

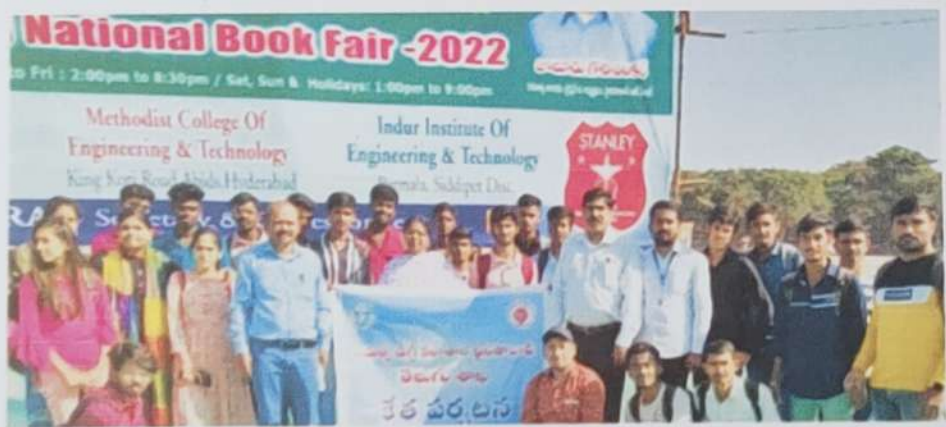




FIELD TRIP

ప్రభుత్వ డిగ్రీ కళాశాల కైతఱూరు తెలుగుశాఖ అధ్యక్షులు, అవతలి బాలస్వామి, నీ తెలుగుశాఖ అధ్యాపకులు ఎన్.సోకు, బి. ప్రేమసుమనీ R.P. బేగమ్మదామి అప్పారావుల డివీజన్ 23.12.2022 నాడు N.T.R సెడియం వద్దకు చేరుబడిన 35 వ కెలేయి పుస్తక ప్రదర్శనకు డిగ్రీ ప్రథమ, ద్వితీయ, తృతీయ సెలల విద్యార్థిని విద్యార్థులను తోసుకుని వెళ్ళడం కురిగింది. 300 పైగా విద్యార్థులు చేరుబడిన పుస్తకాల స్టేలను విద్యార్థిని విద్యార్థులు సుసజ్జించారు సాహితీ కువనల నాలెడ్జి, పోటీ పోర్టులు సుబుడించిన, ఆ మరియు అనే రంగాల సుబుడించిన పుస్తకాలను వ్యేంపడం కురిగింది. తెలుగు సాహితీ అకాడమీ ఛైర్మన మరియు కెలేయి పుస్తక ప్రదర్శన అధ్యక్షులు. డా॥ బాలాగు. గోరీశంకర ప్రాధాన కార్యదర్శి కలూ -చంద్రమూవన గాల్లను ఈ సుబుడించిన సుసజ్జించిన కువడం కురిగింది

పుస్తక ప్రదర్శనలో పాల్గొన్న ఖైరతాబాద్ ప్రభుత్వ డిగ్రీ కాలేజీ విద్యార్థులు, అధ్యాపకులు



ఖైరతాబాద్, డిసెంబరు 31, ప్రభాతవార్త: ప్రభుత్వ డిగ్రీ కళాశాల ఖైరతాబాద్ తెలుగుశాఖ ఆధ్వర్యంలో జాతీయ పుస్తక

ప్రదర్శన కాలలో విద్యార్థి విద్యార్థులు, అధ్యాపకులు క్షేత్ర పర్యటన చేశారు. తెలంగాణ సాహిత్య అకాడమీ ఛైర్మన్ గోరీశంకర్తో కలిసి పుస్తక ప్రదర్శనలో పాల్గొన్నారు. ఈ క్షేత్ర పర్యటనలో తెలుగు విభాగ అధిపతి అంతటి బాలస్వామి డాక్టర్ జగన్నాథరావు, విద్యార్థిని విద్యార్థులు పాల్గొన్నారు. క్షేత్ర పర్యటనను విజయవంతంగా పూర్తి చేసినందుకు ప్రధానాచార్యులు డాక్టర్ బి రాజేంద్రకుమార్, అధ్యాపకులు, విద్యార్థులను అభినందించారు.

(ప్రభాతవార్త (24-12-2022) తెలుగు దినపత్రికలో)

Prof
HOD, Department of Telugu.

ప్రభుత్వ డిగ్రీ కళాశాల విద్యార్థుల క్షేత్ర పర్యటన



చైదరాబాద్ - నేటి శేషి ప్రతివిధి

ప్రభుత్వ డిగ్రీ కళాశాల ఖైరతాబాదు, తెలుగు లాభి అధ్యక్షులలో 35వ జాతీయ ఉన్నత ప్రదర్శనలలో విద్యార్థిని విద్యార్థులు, అధ్యాపకులు క్షేత్ర పర్యటన చేశారు. తెలంగాణ సాహిత్య అకాడమీ చైర్మన్ మరియు అధ్యక్షులు బాలూరు గౌరీ శంకర్ ప్రధాన కార్యదర్శి చంద్రమోహన్ గార్లతో కలిసి ఉన్నత ప్రదర్శనలో పాల్గొనడం జరిగింది. ఈ క్షేత్ర పర్యటనలో తెలుగు విభాగాధిపతి అంతర్జాతీయ బాలస్వామి నీరబ, ప్రేమ్ కుమార్, డా. బగవంధరావు మరియు విద్యార్థిని విద్యార్థులు పాల్గొన్నారు. క్షేత్ర పర్యటనను విజయవంతంగా పూర్తి చేసినందుకు కళాశాల ప్రధానాధికారులు డా.బి.రాజేంద్ర కుమార్ గారు అధ్యాపకులను, విద్యార్థులను అభినందించారు.

నేటి కేసరి (24-12-2022) తెలుగు దినపత్రిక.

Memorandum of Understanding

Between

Government Degree College, Khairtabad, Hyderabad
&
Government Degree College, Falaknuma, Hyderabad

The Purpose of this Memorandum of Understanding is to develop Academic and Educational Cooperation on the basis of Equality and Reciprocity and to promote sustainable partnerships and mutual understanding between Government Degree College, Khairtabad and Government Degree College Falaknuma, Hyderabad.

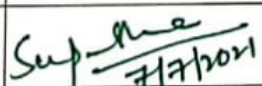
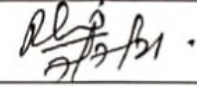
This Memorandum of Understanding aims to undertake cooperation in areas that may include, but are not restricted to the following

1. Access to students in the college laboratories for practical classes.
2. Student Exchange for Research and Study
3. Exchange of Faculty and Research Scholars
4. Organising and participation in Seminars, Symposia, Short Term Academic Programmes and Academic meetings
5. Technical Assistance and Know-How.

Head of the concerned Departments will act as Liasson officer for implementing this Memorandum of Understanding. All Activities conducted under the auspices of this Memorandum of Understanding must have the endorsement of the coordinators.

Coordinators shall notify the changes in the Parties to this Memorandum of Understanding to the counterpart.

The Parties Agreed to the terms and conditions set forth above as demonstrated by their signatures as follows.

Government Degree College, Khairtabad		Government Degree College, Falaknuma	
Name of the Department	ZOOLOGY	Name of the Department	Zoology
Name of the Head	Suprabha Panda	Name of the Head	Parameshwar J
Date	7/7/2021	Date	7/7/2021
Signature		Signature	
Incharge DEPT. OF ZOOLOGY GOVT. DEGREE COLLEGE KHAIRATABAD, HYD-4.		Govt. Degree College Falaknuma, Hyderabad. College Code:1911	



Government Degree College

Falaknuma Hyderabad-53

(Email: gdcfalaknuma@gmail.com)

Rc. No _____

Date: 14/11/2022

To

The principal

GDC Khairtabad

Hyderabad

To
HADA
Principal
25-11-22

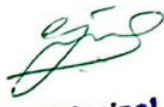
Sub: - Conduct of Practical for B.Sc Students in the Zoology Laboratory-
Request- regd.

Sir/ Madam

Season's Greetings from the Government Degree College, Falaknuma, Hyderabad. The Department of Zoology of this college has entered an MoU with the Department of Zoology, Khairtabad for exchanging the resources. In this regard, I request you to give permission to conduct the practical session with the help of the faculty of your esteemed college on 23/11/2022 and 24/11/20022 from 10.00 am to 3.00pm

I shall be thankful to you for the same.

Yours Truly


Principal
Govt. Degree College
Falaknuma, Hyderabad.

GOVERNMENT DEGREE COLLEGE KHAIRATABAD

Department of Zoology AY 2022-2023

The Department of Zoology, GDC, Khairathabad, Hyderabad, have MoU with the Department of Zoology, GDC, Falaknuma. As they have no established laboratory B.Sc II year students of GDC Falaknuma performed their semester III practical at The Department of Zoology, GDC, Khairathabad, on 23-11-2022.

They have performed

1. Estimation of Carbohydrates, Proteins and Lipids.
2. Estimation of Nitrogenous excretory products (Urea, Ammonia, Uric acid)
3. Effect of pH and Temperature salivary amylase activity.





Hyderabad,TG,India
Street Number 8, Kairatabad, Hyderabad,
500004, TG, India
Lat 17.410164, Long 78.457710
11/23/2022 01:16 PM GMT+05:30



Hyderabad,TG,India
Kammari Krishna Street, Kairatabad,
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India
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11/23/2022 01:52 PM GMT+05:30



Hyderabad,TG,India
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Kairatabad, Hyderabad, 500004, TG,
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2022-2023

Department of Zoology

The Department of Zoology, GDC, Khairathabad, Hyderabad, have MoU with the Department of Zoology, GDC, Falaknuma. As they have no established laboratory B.Sc II year students of GDC Falaknuma performed their semester III practical at The Department of Zoology, GDC, Khairathabad, on 24-11-2022.

They have performed

1. Estimation of Haemoglobin by Sahli's method.
2. Estimation Blood clotting time.
3. Identification of Blood Groups of the students.

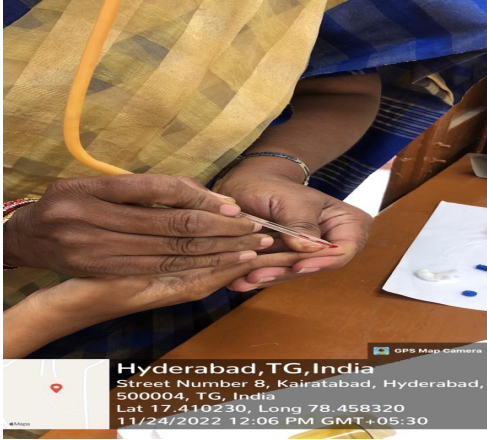




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Hyderabad, TG, India
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Hyderabad, TG, India
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Hyderabad, TG, India
Kairatabad, Hyderabad, 500004, TG,
India
Lat 17.411461, Long 78.457012
11/24/2022 12:23 PM GMT+05:30



GPS Map Camera
Hyderabad,TG,India
Kairatabad, Hyderabad, 500004, TG,
India
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GPS Map Camera
Hyderabad,TG,India
Kairatabad, Hyderabad, 500004, TG,
India
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Department of Chemistry , Government Degree College Khairatabad
Attended One day State Level Workshop on preparation of Herbal Soaps
5th November,2022

Department of chemistry , Babu Jagjivan Ram Government Degree College Narayanaguda organized “One Day State Level Workshop on Preparation of Herbal Soaps” on 5th November,2022.Twenty students with three Faculty of Chemistry GDC ,Khairatabad participated in the above program.

Program started with Lecture on “Preparation of Herbal Soaps” by Dr.K.Saritha Rani, Asst Professor of Chemistry , GDC, Medak and the next session were 20 students participated in Hands on Practice and learned to prepare glycerin, Neem, Tulasi, Aloe vera soaps





Hyderabad, Telangana, India

Narayanguda, backside of Gurunanak school, st.no.7, Venkata swamy Nagar, Narayanguda, Hyderabad, Telangana 500029, India

Lat 17.399106°
Long 78.48836°
05/11/22 04:38 PM



Hyderabad, Telangana, India

Narayanguda, backside of Gurunanak school, st.no.7, Venkata swamy Nagar, Narayanguda, Hyderabad, Telangana 500029, India

Lat 17.399096°
Long 78.488356°
05/11/22 04:38 PM



GOVERNMENT DEGREE COLLEGE, KHAIRATABAD, HYDERABAD
Department of Chemistry

Student exchange program with AV college of Arts, Science and Commerce:

(18th March 2023)

In view of MOU activity we have sent our BSc III year 6th semester students (BtZC group) to AV College. Our students interacted with Dr.A.Jagan Mohan Reddy sir, Head, Department of chemistry. Sir has explained about project work which is there in the VI semester syllabus.

He has given lot of encouragement to students to take up project work. Students felt very happy and they have selected project work in chemistry in 6th semester.

