



K.L.E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI-591201

Re-accredited with "A+" grade by NAAC with 3.42 CGPA in 4th Cycle

www.klesbkcollegechikodi.edu.in, e-mail: kles_bkcc@rediffmail.com ☎ : 08338 – 272176

Criteria 2.3.1
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K.L.E. Society's
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI – 591 201.

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle)

Website: www.klesbkcollegechikodi.edu.in e-mail: kles_bkcc@rediffmail.com Phone : 08338 – 272176

To,
The Principal
Basavaprabhu Kore Arts, Science
and Commerce College, Chikodi

Sub: Permission to go for field visit-reg.

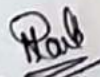
Respected sir

With reference to above cited subject M.Sc. 1st semester students and faculty members of P.G. Department of Botany have planned to visit local ecosystems in Chikodi i.e. ~~Swayambhu Mahaganapati temple hill and Gatti Basavanna~~ surroundings. During the visit, it is needed to demonstrate Biodiversity indices such as Shannon Weaver and Simpson index. As it is mandatory as per syllabus prescribed by Rani Channamma University, Belagavi for M.Sc. (Botany) 1st semester. We planned to visit ~~above~~ locations on **18th January 2022** from 10.00 am to 5.30 pm. In this regards, I request you to kindly permit us to visit and do the needful.

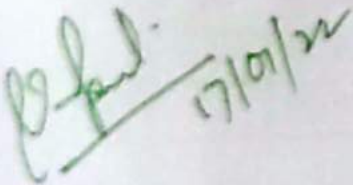
Thanking you

Place: Chikodi

Date: 11-01-2022


The Co-ordinator
P.G. Department of Botany
B. K. College, Chikodi

Encl: List of students and faculty members


17/01/22

P.G. DEPARTMENT OF BOTANY

BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE COLLEGE, CHIKODI

M.Sc. 1st Semester

List of students and staff members attending the visit

Sr. No.	Name of the student	Signature
01	Ms. Akshata Vaswade	Akshata
02	Ms. Akshata Kulkarni	Akshata Kulkarni
03	Ms. Akshata Mirje	Mirje
04	Ms. Akshata Patil	Patil
05	Ms. Arati Kamble	Kamble
06	Mr. Chetan Hosatti	Hosatti
07	Ms. Deepa Sheelinavar	Deepa
08	Ms. Geeta Mannikeri	G. Mannikeri
09	Ms. Janhavi Bhatale	Janhavi
10	Ms. Meghashri Badiger	Meghashri
11	Ms. Padmashri Nalavade	Padmashri
12	Mr. Rakesh Jambagi	Rakesh
13	Ms. Rani Patil	Rani Patil
14	Ms. Sandhya Kambar	Sandhya
15	Ms. Shweta Tirth	Shweta
16	Ms. Siffa Allan	Siffa Allan
17	Ms. Simran Patil	Simran
18	Ms. Soujanya Pattar	Soujanya
19	Ms. Sudharani Sanadi	Sudharani Sanadi

List of staff members

Sr. No.	Name	Designation
1	Dr. Kambhar S.V.	Lecturer
2	Dr. Rahul R. Patil	Lecturer



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☎ : 08338 - 272176

Ref. No.

Date: 10-02-2022

POST GRADUATE DEPARTMENT OF BOTANY

To:
The Principal,
KLE Basavaprabhu Kore College,
Chikodi - 591 201

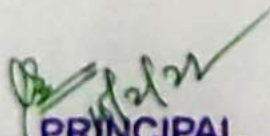
Respected Sir,

Sub: Seeking permission to conduct the study tour – Reg.

With reference to the subject cited above, as the part of the curriculum First year M.Sc. (I semester) Botany students have to attend the study tour for at least a day to study the types of vegetations in diversity rich area. In this regard, we are decided to visit the "Chorla Ghat" (Near Khanapur) on 21st February 2022 (one day program). The list of students and staff members is enclosed with this request letter. Kindly, accept our requisition and permit us to take the students along with the faculties to the above said place for the future benefits.

Thanking You,

Yours faithfully,


PRINCIPAL

KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591201
Enclosed: List of students and staff members


Head of Department of Botany
THE CO-ORDINATOR
P. G. Department of Botany
B. K. College, Chikodi.

List of students and staff members attending the study tour to "Chorla Ghat" (Near Khanapur) on 21st February 2022 (one day program).

Sl. No.	Roll No.	Name	Phone No.	Sign
1	BT211401	Akshata Kulkarni	7338066906	Akulkarni
2	BT211402	Akshata Mirje	6361748892	Mirje
3	BT211403	Akshata S. Patil	9845468163	Patil
4	BT211404	Akshata Vasawade	9071724845	Akshata
5	BT211405	Arati A. Kamble	9986136588	Akamble
6	BT211406	Bhatale Janhavi	7337636766	Janhavi
7	BT211407	Chetan Hosatti	8904864432	Hosatti
8	BT211408	Deepa Sheelinavar	9945799209	Sheelinavar
9	BT211409	Geeta P Mannikeri	7019499798	G.P.M.
10	BT211410	Meghashri M. Badiger	8296288050	Badiger
11	BT211411	Padmashri Nalavade	7411734021	Nalavade
12	BT211412	Rakesh S. Jambagi	7338167967	Jambagi
13	BT211413	Rani J. Patil	8105504317	Patil
14	BT211414	Sandhya S. Kambar	9901466181	Kambar
15	BT211415	Shweta J. Tirth	6360867717	Tirth
16	BT211416	Siffa A. Allan	9611764211	SAllan
17	BT211417	Simran Patil	9353194398	
18	BT211418	Soujanya Pattar	9535333661	Pattar
19	BT211419	Sudharani Sanadi	9380584772	Sanadi

Staff members accompanying the students for Study tour

1	Dr. R. R. Patil	9964739936	Patil
2	Dr. S.V. Kambhar	8746009547	Kambhar
3	Miss. Anjali Hajeri	8147959640	Hajeri
4	Dr. Veerabhadra Swamy A.L.	7349318250	Swamy
5	Sri. Anandh	8494910061	Anandh



K.L.E. Society's

Basavaprabhu Kore Arts, Science and Commerce

College, CHIKODI -591 201

DEPARTMENT OF BOTANY

STUDY TOUR REPORT

2021-22

B.Sc. – II Semester



K.L.E. Society's

Basavaprabhu Kore Arts, Science and Commerce

College, CHIKODI -591 201

DEPARTMENT OF BOTANY

B.Sc. – II Semester

CERTIFICATE

Date: 4/9/2022

This is to certify that Students of 2nd semester Botany has satisfactorily completed Study Tour for studying "Diversity of non-flowering plants" as prescribed in the syllabus by the Rani Channamma University, Belagavi during the year 2021-2022.




Staff Members

In-Charge of the Batch


Head of the Department

HEAD
DEPARTMENT OF BOTANY

Examiner :

1.  4/9/22
2.  4/9/2022



**K.L.E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI.**
Phone No.: Office :08338- 272176 Residence: 08338- 272175
(ACCREDITED WITH "A" GRADE BY NAAC BANGALORE)

Ref: BKCC/ST/Bot/2021-22

Date:01-08-2022

To:

The Principal,
B. K. College,
CHIKODI

Respected Sir,

Subject: Regarding Permission for the Botanical Study tour

As per the syllabus prescribed for B. Sc. II NEP semester (Botany) we are conducting a study tour for the students for two days from 13th August 2022 to 14th August 2022. The staff members Shri. R. R. Naik, Miss Shraddha Sangane, and Sri. Anand Wathare will be accompanying the students for the said tour. I would like to request you to give the permission for the said tour.

Places of Visit: Castle rock, Ulavi, Dandur and Back to Chikodi.

The list of the students is enclosed with this letter.


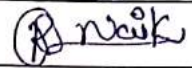
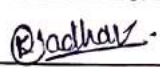




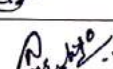




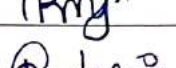
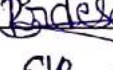
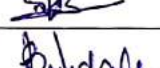
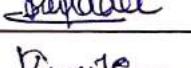
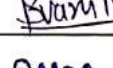
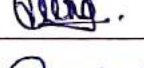
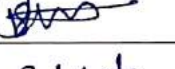
Thanking you

Yours faithfully

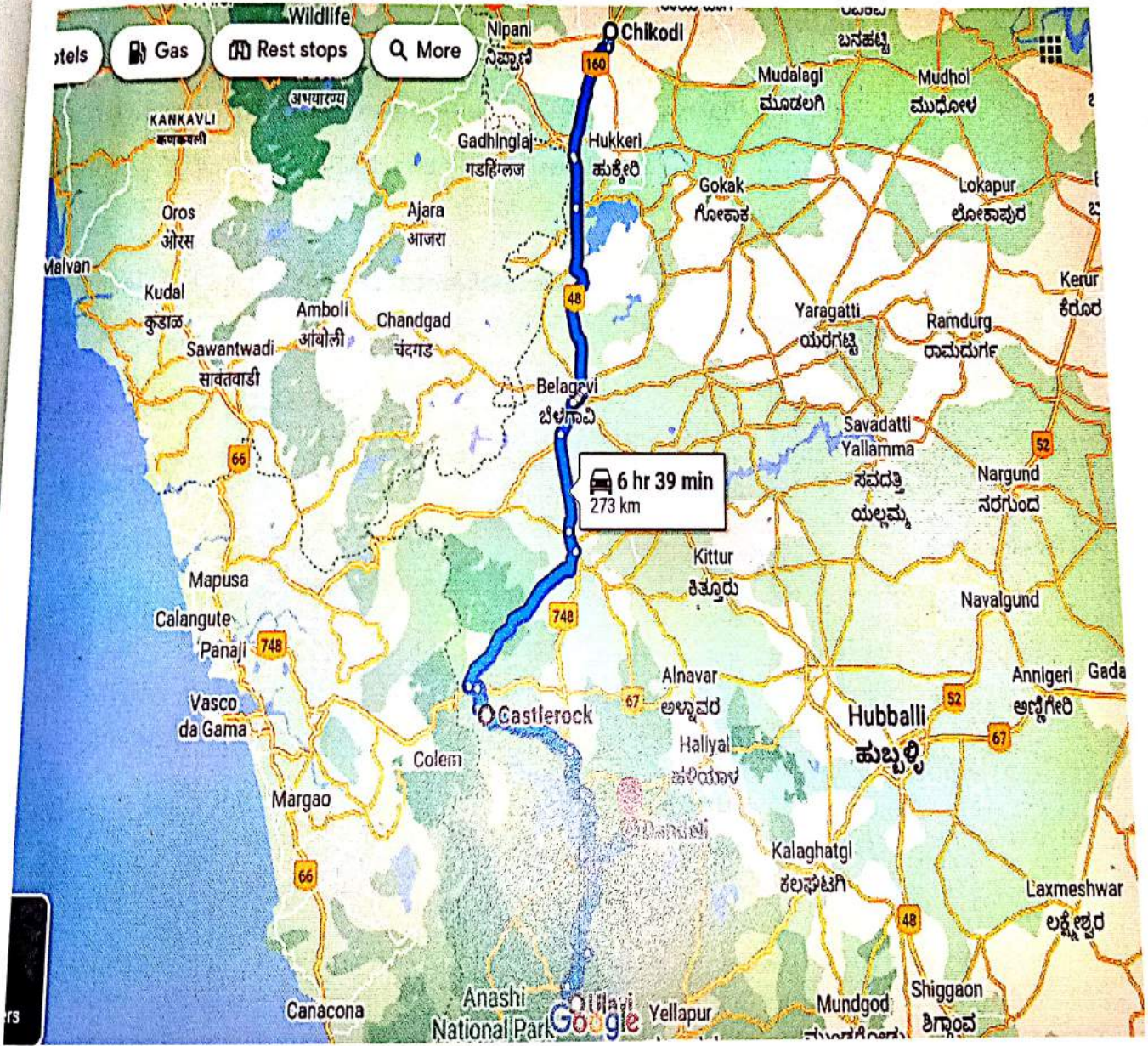
HOD
Department of Botany

PRINCIPAL
KLES'S Basavaprabhu Ko.
Arts, Science and Commerce College,
CHIKODI - 501 201

List of Students attended study tour

Sl. No.	Reg. No.	Name	Sign
1	U15DM21S0018	Akshata M. kore	
2	U15DM21S0026	Arpita R. Naik	
3	U15DM21S0036	Deepa B. Managanvi	D.B. Managanvi
4	U15DM21S0043	Kavita G. Jadhav	
5	U15DM21S0054	Madiha M. Mulla	
6	U15DM21S0058	Mahantesh G. Devanagol	
7	U15DM21S0059	Meenakshi G. Naik	
8	U15DM21S0069	Nagesh A. Kagawade	
9	U15DM21S0070	Navyasrushti N. Dambal	
10	U15DM21S0071	Namrata S. Chimmat	
11	U15DM21S0077	Poonam B. Malage	
12	U15DM21S0081	Pratik A. Magadum	
13	U15DM21S0088	Rajashree M. Tirodkar	
14	U15DM21S0094	Roopa R. Desai	
15	U15DM21S0103	Sangeeta K. Bambalwade	
16	U15DM21S0119	Sourabh A. Rendale	
17	U15DM21S0134	Uttam S. Varute	
18	U15DM21S0137	Veena L. Musaguppi	
19	U15DM21S0141	Vishal S. Aihole	
20	U15DM21S0142	Yallaka N. Khot	
21	U15DM21S0145	Laxmi N. Payappagol	L.N. payappagol

TOUR MAP



Tour Programme

Date : 13th August to 14th August 2022
Duration : Two days
Place : Castle rock, , Ulavi, Dandeli Semi- Evergreen and
Evergreen Forest
Start Time : Morning 7.30 am on 13th August 2022
Returning Time : 8.00 pm on 14th August 2022
Vehicle : Private Bus
Students : B. Sc. II Semester students
No. of students : 21
Name of Staff : 1. Shri. R. R. Naik

2. Miss Shraddha Sangane
3. Shri. Veerbhadraswamy A.L.
4. Shri Anand (Supporting Staff)

Practical syllabus for B.Sc.II Semester

Practicals:

Practical-1: Study of morphology, classification, reproduction and lifecycle of Nostoc, Oscillatoria.

Practical-2: Study of morphology, classification, reproduction and life-cycle of Oedogonium & Spirogyra, Ectocarpus and Batrachospermum.

Practical-3: Study of morphology, classification, reproduction and life-cycle of Riccia & Anthoceros/ Funaria.

Practical-4: Study of morphology, classification, anatomy, reproduction and life-cycle of Selaginella and Equisetum.

Practical -5: Study of morphology, classification, anatomy, reproduction and life-cycle of Pteris, Azolla/ Psilotum

Practical -6: Study of morphology, classification, anatomy and reproduction in Cycas. **Practical -7:** Study of morphology, classification & anatomy, reproduction in Pinus. **Practical -8:** Study of morphology, classification & anatomy, reproduction in Gnetum.

Practical -9: Study of important blue green algae causing water blooms in the lakes.

Practical -10: Preparation of natural media and cultivation of Azolla in artificial ponds.

Practical -11: Study different algal products and fossils impressions and slides.

Practical-12: Visit to algal cultivation units/lakes with algal blooms/Fern house/
Nurseries/Geology museum/lab to study plant fossils.

(Note: Botanical study tour to a floristic rich area for 1-2 days and submission of study report is compulsory)

Introduction

A **field trip** or **excursion** is a journey by a group of people to a place away from their normal environment. When done for students, it is also known as **College trip**.

The purpose of the trip is usually observation for education, non-experimental research or to provide students with experiences outside their everyday activities, such as going camping with teachers and their classmates. The aim of this tour is to observe the subject in its natural state and possibly collect samples. It is seen that more-advantaged students may have already experienced cultural institutions outside of College, and field trips provide a common ground with more-advantaged and less-advantaged students to have some of the same cultural experiences in the arts.

Field trips are most often done in 3 steps: **Preparation, Activities and Follow-up activity**. Preparation applies to both the student and the teacher. Teachers often take the time to learn about the destination and the subject before the trip. Activities that happen on the field trips often include: lectures, tours, and demonstrations. Follow-up activities are generally discussions that occur in the classroom once the field trip is completed.

STUDY OF VEGETATION IN NAYAKOLA AREA



About Nayakol: Nayakol is a forest place present in Karnataka which contains full of different and varieties of plants, which includes from Algae to Angiosperm all kinds of plants are present. Nayakol is a suitable place for students to collect varieties of plants. But especially we were seen that many species of Bryophytes are present in large number. In Nayakol we studied on adiantum, many species of mosses such as Ceratodon purpureus, Didymodon acutus, Conocephalum conicum, Panellus violaceofulvus (fungus), Hairy cup fungus, Cape York lily (Angiosperm) and we saw some lichens.

Trekking at Nayakol Forest:



Interaction with villagers

We met two persons in Nayakol who were father and son in relation. Father name is Ashok and son name is Nagesh Honagekar. They are basically Marathi language speakers.

Information told by Villagers:

Nayakol having population about 700 to 800 people. Continuous heavy rain falls for 5 months of the year. In Nayakol farmers grow only paddy in large scale, and sugarcane also but in small scale only. The reason behind growing more paddy in Nayakol is SOIL. Because villagers said that peas, ground nut like crops are not grown properly, so mostly

that soil will not allow to grow such crops properly, and this also due to continuous rain for 5 months of year. Their ancestors also from Nayakol.

Plants Collected

Adiantum capillus plant



Division: Polypodiophyta

Class: Polypodiopsida

Order: Polypodiales

Family: Pteridaceae

Genus: Adiantum



Ceratodon purpureus(moss)



Division: Bryophyta

Class: Bryopsida

Order: Dicranales

Family: Ditrichaceae

Genus: Ceratodon

Ceratodon purpureus is a dioicous moss with a color ranging from yellow-green to red. The height amounts to 3 centimeters. It is found worldwide, mainly in urban areas and next to roads on dry sand soils. It can grow in a very wide variety of habitats. Its common names include redshank, purple forkmoss, ceratodon moss, fire moss, and purple horn toothed moss

Conocephalum conicum

Conocephalum conicum, also known as the great scented liverwort or snakeskin liverwort. The name *C. conicum* refers to the cone-shaped archegoniophore, which bear sporangia



Division: Marchantiophyta

Class: Marchantiopsida

Order: Marchantiales

Family: Conocephalaceae

Genus: Conocephalum

Panellus violaceofulvus



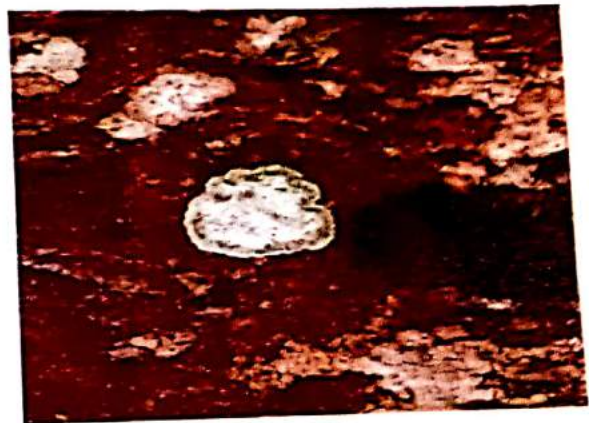
Hairy cup fungus



Anthracoxyllum fungi



Cryptothecia (Crustose lichen)



Crustose lichens are lichens that form a crust which strongly adheres to the substrate (soil, rock, tree bark, etc.), making separation from the substrate impossible without destruction. The surface of crustose lichens is characterized by branching cracks that periodically close in response to climatic variations such as alternate wetting and drying regimes.

Guidance from Teachers

Teacher guided us that, how to collect plants, how to protect us from wild animals by using sticks during collection, how to find out sporophytes and gametophytes in Bryophytes and so much things we were learnt by Teachers.



Experience in Nayakol Forest:

We learnt so many things in Nayakol on plants. We saw many different varieties of species which we cannot find in our nearest locality. We saw some epiphytic orchids. We collected many plants which are needed us to study. And we a lot during plant collection in Nayakol.

Castle Rock

- Castle Rock is a village in the Uttara Kannada district of the Indian state of Karnataka.
- The village is located in the Western Ghats on the state's border with Goa – at an elevation of 621 m (2,040 ft).
- Located in a heavily forested area, Castle Rock's vegetation is moist tropical deciduous.
- Manganese mines form the main economy of the region.
- The village lies within the Dandeli Tiger Reserve.

STUDY OF DIFFERENT PLANTS PRESENT IN WAY TO DANDELI

SELAGINELLA

How we identified it?

- It is an evergreen, profusely branched and delicate herb.
- Primary roots are short-lived. The adventitious roots are present at the tips of rhizophore.
- Rhizophores are leafless colourless branches that develop from the prostrate stem and grow downwards. When it reaches the soil, adventitious roots develop at the tip of rhizophores.
- Stem is green, dichotomously branched, erect or prostrate with erect branches.
- A single apical cell is generally present at the growing tip of the stem.
- Leaves are small with pointed tips. They bear scaly leaves.

Scientific classification

Kingdom: Plantae

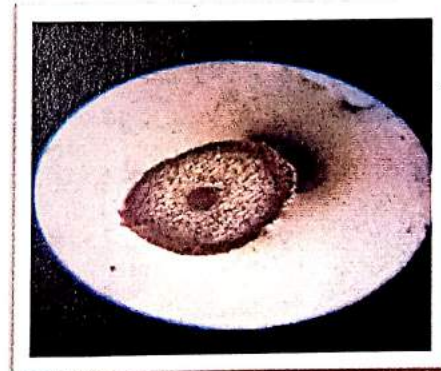
Class: Lycopodiopsida

Order: Selaginellales

Family: Selaginellaceae

Genus: Selaginella

Rhizophore



- The structure of rhizophore is similar to that of roots. The epidermis of rhizophore lacks stomata and hairs.
- Stele is a protostelic. Xylem is exarch or mesarch.

SILVER FERN

HOW WE IDENTIFIED IT?

- This fern is known to grow to heights of 10 metres (33 ft) or more (though it occasionally takes a rare creeping form).
- The crown is dense, and mature fronds tend to be about 4 metres (13 ft) long and have a silver-white colouration on the undersides.
- This distinctive silver colouration has made them useful for laying along tracks for night walking.
- The scales are a dark brown and are often twisted and glossy.
- Rhizomes very rarely prostrate, usually erect, forming a woody trunk up to 12 metres (39 ft) tall, 160 to 450 millimetres (6.3 to 17.7 in) in diameter, covered in light brown or white projecting stipe bases; bearing scales near the gloss.

Scientific classification

Kingdom: *Plantae*
Division: *Polypodiophyta*
Class: *Polypodiopsida*
Order: *Cyatheaales*
Family: *Cyatheaceae*
Genus: *Alsophila*
Species: *A Dealbata*



GNETUM

HOW WE IDENTIFIED IT?

- They are tropical evergreen trees, shrubs and lianas.
- Unlike other gymnosperms, they possess vessel elements in the xylem.
- Some species have been proposed to have been the first plants to be insect-pollinated as their fossils occur in association with extinct pollinating scorpionflies.
- Molecular phylogenies based on nuclear and plastid sequences from most of the species indicate hybridization among some of the Southeast Asian species.
- Fossil-calibrated molecular-clocks suggest that the Gnetum lineages now found in Africa, South America and Southeast Asia are the result of ancient long-distance dispersal across seawater.

Scientific classification

Kingdom: *Plantae*
Division: *Gnetophyta*
Class: *Gnetopsida*
Order: *Gnetales*
Family: *Gnetaceae*
Genus: *Gnetum*



Syntheri Rocks Dandeli

A 300 feet tall monolithic granite, with the Kaneri River rushing by its side, the Syntheri Rock is a spectacular sight for everyone in Dandeli. The effect of erosion is found in the hollows on this rock. A rock that is formed due to the volcanic eruption millions of years ago located inside the dense forest of Dandeli wildlife sanctuary. It is one of the most loved places by the tourists in Dandeli. This place was discovered in 19th century by a lady named "Cinthera" in Dandeli and hence it was named as syntheri rock. The huge rock has been hollowed due to the erosions. Numerous pigeons and honeybees are inhabited in the corners of this rock.

You can either walk through the dense forest or can opt for a jeep to enter this place which is controlled by the forest department of Dandeli. The rock is 300 Ft high and 400 Ft long. You can feel the different colour and texture on this stone when you reach close to it which is due to the volcanic eruptions. Beautiful trees and birds can be seen in the way when you are going to visit Dandeli's syntheri rocks.

CHERT BAND WITH QUARTZ VEIN



LATERITE



DYKE ROCK



COLUMNAR ANDESITE



GREYWACKE



POLYMICT CONGLOMERATE



BANDED MAGNETITE QUARTZ



PHYLLITE

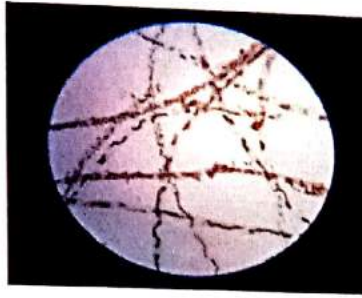


ALGAL BLOOM

When we are coming from tour we got a algal bloom at belagavi in a field.

Algal bloom:

Algae are microscopic organisms that live in aquatic environment and use photosynthesis to produce energy from sunlight just like plant.



In algal blooms we have found spirogyra:

- Classification of spirogyra:

Domain: Eukaryota.

Kingdom: Plantae

Phylum: Chlorophyta.

Class: Zygnematophyceae.

Order: Zygnematales.

Family: Zygnemataceae.

Genus: spirogyra

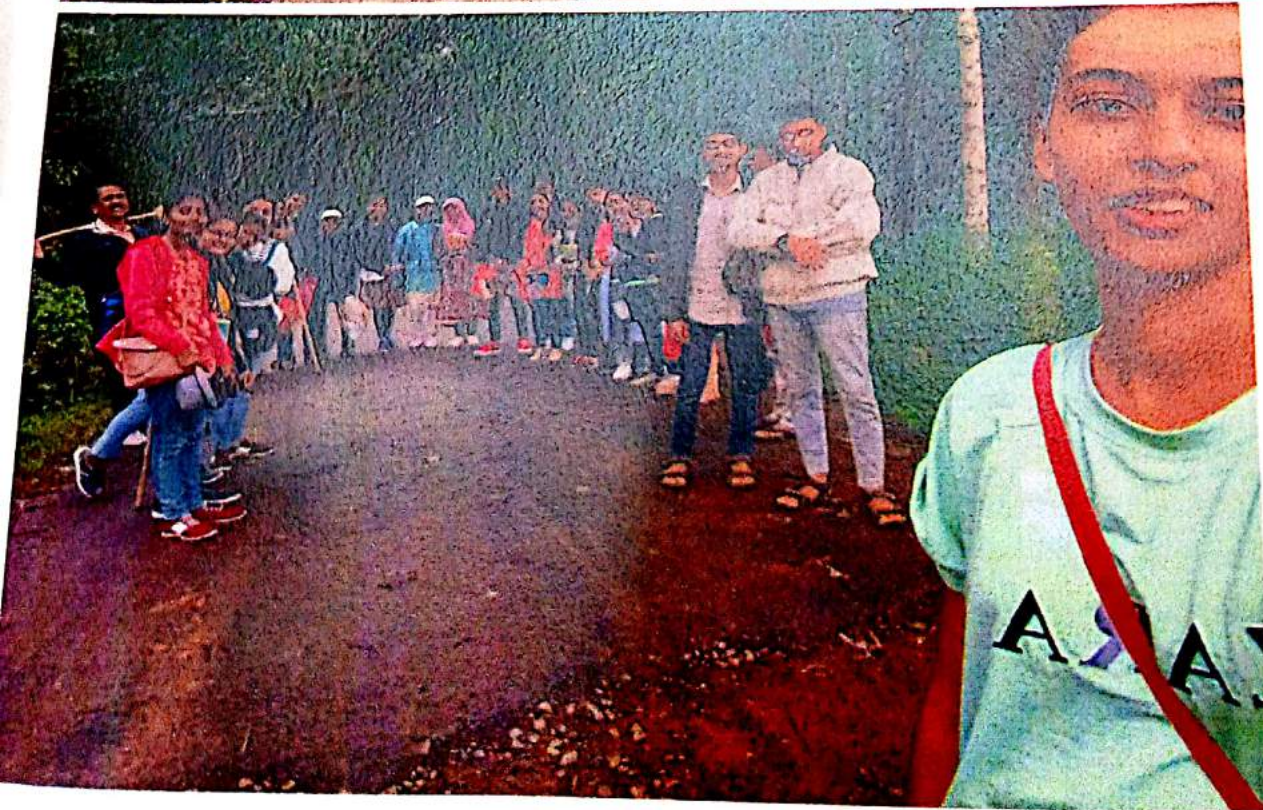
• STRUCTURE OF SPIROGYRA:

- The vegetative structure of spirogyra is an unbranched filamentous thallus
- The thallus is multicellular with each cylindrical cell joined end to end.
- They are 10-100 micrometre in width and may grow several centimetres in length.
- They are present as slimy mass due to the presence of mucilage sheath the filament.
- The cell wall is made up of two layers, inner cellulose and outer pectose. the slimy mucilage sheath is due to the dissolution of pectose in water
- In each cell, there is a nucleus, cytoplasm, a large central vacuole and spiral chloroplasts.
- Chloroplasts are ribbon-shaped and arranged spirally. there may be 1-16 chloroplasts present in the cell.
- Chloroplast contain many pyrenoides in row.

Conclusion:

It is the understood fact that only classroom teaching is not sufficient for the complete conceptual clearness. Teaching should be both ways by guiding the students to outside the local tract for natural observation. During the study tours and excursions students come in touch with the nature and live specimens. They collect the specimens, identify those in the labs and prepare the detailed report, there the teaching and learning process become complete. It is the process where the aspirants and local people interact with each other and opinions are shared. By our study tour students studied lot of things along with some entertainment and enlightenment.

Group Photo:



College Roll No. 194

Exam Seat No. S2018 330



K.L.E. SOCIETY'S

BASAVAPRABHU KORE

ARTS, SCIENCE AND COMMERCE COLLEGE,

CHIKKODI-591201

[Accredited at A+ level by NAAC with CGPA 3.42 during 4th cycle of assessment]

DEPARTMENT OF ZOOLOGY

B. Sc IV Semester

CERTIFICATE

Date: 28th July 2022

This us to certify that Mr. /Miss Shankar .Y. Patil

of IV semster has satisfactorily participated in the Study Tour as prescribed in the syllabus of Rani Channamma University, Belagavi.

Kulkarni

Staff Member

[Signature]
28/7/22

Head of the Department

HEAD

DEPARTMENT OF ZOOLOGY

Examiners

1. *[Signature]*
21/7/22
2. *Kulkarni*
9/9/2022

[Signature]

PRINCIPAL

KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKKODI - 591 201



K.L.E. Society's
**BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI - 591 201.**

(Accredited at 'A' with 3.42 CGPA in 4th Cycle)

Website: www.klesbkclegechikodi.edu.in

e-mail: kles_bkcc@rediffmail.com

☎ : 08338 - 272176

To

The Principal

K.L.E Society's Basavaprabhu Kore

Arts, Science and Commerce College Chikodi

Respected Sir,

Sub: Permission to organize one day study tour for B. Sc IV Semester

Ref: Partial fulfillment of the course as per RCU Practical syllabus

Department of Zoology is organizing one day study tour to B. Sc IV semester as per the requirement of their RCU practical Syllabus to KAHER'S Dr Prabhakar Kore Basic Science Research Centre, Belagavi on 28/07/2022. Total strength of students is 41. Kindly permit 2 staff members of Zoology Department and students of B. Sc IV semester to undertake this study tour.

Thanking You

Yours faithfully

**HEAD
DEPARTMENT OF ZOOLOGY**

**PRINCIPAL
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201**



K.L.E. Society's



BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE

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☎ : 08338 – 272176

To

The Director

KAHER'S Dr Prabhakar Kore Basic Science Research Centre,

Belagavi-10

Date: 27/07/22

Sub: Permission to visit your esteemed Research Centre

Respected Sir,

This is inform you that our B. Sc IV semester students would like to visit your esteemed Research Centre on Thursday 28/07/2022 at 11.30am as a part of their curriculum. I request you to kindly permit our students to conduct visit to research center to acquire practical knowledge in molecular biology, microbiology and cell culture techniques and research work.

Total number of students is 42.

Thanking You

PRINCIPAL

KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201

Yours faithfully

HEAD

DEPARTMENT OF ZOOLOGY





Department of Zoology

List of students participated in study tour 28/07/2022

Sl.No.	Roll No	Name of the student	Parents Mobile Number	Signature
1	145	Akshay C Amble	8160023407	<i>[Signature]</i>
2	146	Ankita A Chougale	7411275013	<i>[Signature]</i>
3	147	Ashish U Kurade	9853993390	<i>[Signature]</i>
4	148	Jyoti A Mane	8971942074	J.A.Mane
5	149	Pramod C Dattawade	9916297973	<i>[Signature]</i>
6	150	Pratiksha B Medar	9483633631	<i>[Signature]</i>
7	152	Shantinath T Tekane	9964417636	<i>[Signature]</i>
8	153	Sharddha S Pancham	8431936889	<i>[Signature]</i>
9	154	Shreyashri P Chitare	9611765472	<i>[Signature]</i>
10	155	Vrushikesh R Mali	9986507282	<i>[Signature]</i>
11	156	Amruta M Nandesliwar	8971638266	<i>[Signature]</i>
12	157	Amruta R Patil	9739232909	<i>[Signature]</i>
13	158	Nandini S Halasode	9741434517	<i>[Signature]</i>
14	160	Pooja K Gadave	7353287454	<i>[Signature]</i>
15	161	Praveen S Desai	9711280067	<i>[Signature]</i>
16	164	Radha R Koli	8360077922	<i>[Signature]</i>
17	166	Sankalp M Borgave	9148492017	<i>[Signature]</i>
18	167	Shambhavi M Vishwakarma	9449907484	<i>[Signature]</i>
19	168	Siddappa L Patil	9113951288	<i>[Signature]</i>
20	169	Siddharth Patil	8277293916	<i>[Signature]</i>
21	170	Srilaksmi B Kulkarni	9449377881	<i>[Signature]</i>
22	171	Sudeep K Mirje	9449257400	<i>[Signature]</i>
23	172	Suprit K Bellanki	9019177068	<i>[Signature]</i>
24	173	Tejas N Kanegaonkar	9986506767	<i>[Signature]</i>
25	174	Vanishree H Bhajantri	9901569649	<i>[Signature]</i>

Sl.No.	Roll No	Name of the student	Parents Mobile Number	Signature
26	175	Vinod A Desai	9586182683	
27	176	Vinayak B Chavaradar	9353282125	
28	177	Yashoda B Kambar	9632609945	
29	186	Siddharth T Varale	9611085144	
30	187	Afsha A Ghori	8123608106	
31	188	Sabha M Hukkeri	7975812120	
32	189	Kranti Panade	9603582436	
33	190	Pramod Koujalgi	9845601555	
34	191	Archana C Shiragave	7892436226	
35	192	Savita Koujalgi	9449650929	
36	193	Sakshi K Halli	9886717662	
37	194	Shankar Y Patil	9448463728	
38	195	Shreya S Holleppagol	7022756549	
39	197	Vinayak B Allannavar	8546918860	

HEAD
DEPARTMENT OF ZOOLOGY

Coordinator,
IQAC

PRINCIPAL
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201

Acknowledgement

With great pride and respect to our alma mater KLE Society's Basavaprabhu Kore Arts, Science and Commerce College Chikodi, Principle, and all the faculties , we acknowledge our respectful regards for conducting and taking us to KAHER'S Dr Prabhakar Kore Basic Science Research Centre, Belagavi which enlightened us in our life sciences. Visit to the center and the laboratory equipments and the faculties who explained regarding the equipments has given us new knowledge in our career.

We extend our warm gratitude to the Head of the Department of Zoology, Dr S. I. Puranik for organizing study tour. It is our duty to extend our sincere thanks to our teacher Sri Vishal Kulkarni sir for accompanying us during our trip.

The knowledge which we have gained in the research center was really helpful for our future we got the knowledge which was new to us and was apart from our theory syllabus. It was more of application based which is very much in need for todays youth. Applied learning is very much effective and gave us a spark of intrest in lifesciences which we completely experienced in the center. We thank Director and staff of KAHER'S Dr Prabhakar Kore Basic Science Research Centre.

Visit Programme

Date : 28th July 2022

Duration : One day

Place : Dr PrabhakarKore Basic Science Research
Center Belagavi

Start Time : Morning 9.40am on 29thJuly 2022

Return Time : Evening 4.00 pm on 29th July 2022

Vehicle : College bus

No. of students : 39

Name of Staff : Dr S. I. Puranik, Head, Department of Zoology
& Sri. Vishal Kulkarni, Lecturer, Dept.of Zoology

Report



A Research Institute or Research organization is an establishment founded for carrying research work. Research center may specialize in basic research or may be oriented to applied research.

We visited KAHER'S Dr Prabhakar Kore Basic Science Research Centre Belagavi on 28th July 2022. This research center will focus on key areas of Molecular biology, Medical microbiology, Pharmaceutical analysis, Natural product research, drug delivery and cell culture research. All these areas shall adopt fundamental concepts and application based research with tangible outcomes. During the visit we studied and visited following laboratories.

Microbiology Microbiology is the scientific study of the biology of microscopic organisms – Viruses, fungi, bacteria algae, slime molds, and protozoa. The method used to study and manipulate these minute and mostly unicellular organisms differ from those used in most other biological investigations. There are various instruments and equipments used in this

section, which are literally acting as a boon for researchers. Some of the equipments were displayed to us are water bath, autoclave and laminar air flow cabinets. They had a common distillation unit.

A water bath is laboratory equipment that is used to incubate samples at a constant temperature over a long period of time. It is made from a container filled with heated water. All water baths have a digital or an analogue interface to allow users to set a desired temperature



An autoclave is a sterilizing device used to destroy microorganisms and potential pathogens in research samples and equipments. The samples or instruments to be sterilized are subjected to high pressure saturated steam at 121 degree celcius for 15-20 minutes, depending on the size of contents and load.

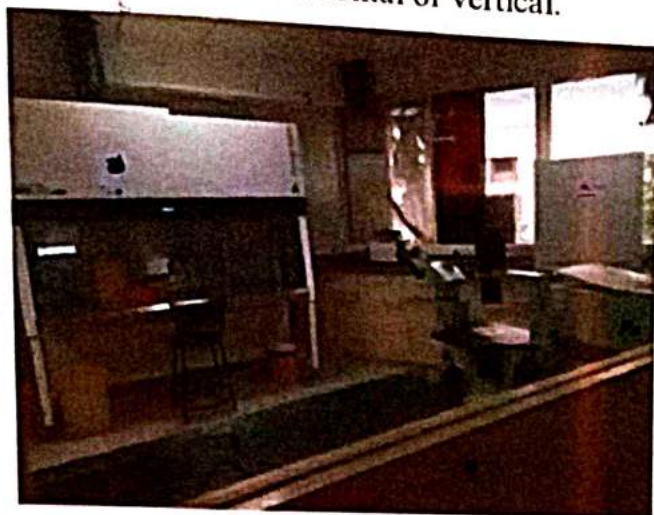
The laboratory is also equipped with laminar air flow cabinets, microscopes and incubators. There was a deep freezer to store samples.

Basically all isolation, characterization of microbial flora is carried out in this laboratory. The scientists added that they do work on both aerobic and anaerobic cultures.

Animal Cell Culture

Tissue culture is a method of biological research in which fragments of tissue from an animal or plant are transferred to an artificial environment in which they cannot continue to survive

and function. The cultured tissue may consist of a single cell, a population of cells, or a whole or part of an organ. The centre is working on cancer cells. They have Laminar air flow is a air flow cabin is used for providing a sterile environment in the cell culture studies and protects both the samples and the staff. It can be horizontal or vertical.



In addition to this inverted microscope, deep freezers and micropipettes grabbed our attention. We observed cancer cells in microscope and studies their properties. The in charge scientist of the Department explained the basic animal cell culture work of the laboratory. We had shown the Basal Salt Media preparation and cytotoxic assays were briefed.

Analytical laboratory

Analytical laboratory means a facility for the biological, microbiological. Chemical, physical and radiochemical examination of portable water, non portable water, or other environmental matrices. Bioanalytical laboratories perform agricultural, biological, microbial, pharmaceutical and other life sciences testing and analysis service. As a part of larger field of biotechnology, these laboratories provide services throughout the drug development cycle, performing pharmacokinetic and pharmacodynamic screening and provide expertise with mammalian cell-based assays, biomarkers, radiochemistry, immunoassays and electrophoresis

These laboratories provide testing of environmental samples such as soil, water, air and industrial wastes or byproducts

Molecular Biology



This part of research centre had instruments PCR, RT PCR, electrophoresis and Gel doc. All molecular related work is been conducted in this laboratory. It includes isolation of DNA, its purification, gel electrophoresis of isolated DNA which is observed in gel doc. Molecular characterization of plants, animals and microbial DNA is carried out in this section.

PHOTO GALLERY



Molecular biology laboratory



Microbiology laboratory



Analytical and Natural Product laboratory



Scientists of BSRC interacting and guiding

CONCLUSION

We feel very lucky for getting an opportunity to visit the KAHER'S Basic Science Research Centre at UG level itself. The knowledge and the detailed explanation that we got in the research center are for sure the stepping stones for our future. With the guidance and support of everyone we successfully completed our study tour in which we could witness various fields in research of life sciences. We are thankful to everyone for making our study tour memorable one.



RANI CHANNAMMA UNIVERSITY BELAGAVI
Basavaprabhu Kore Art's, Science and Commerce
College Chikodi-591 201

Re-accredited with "A+" grade by NAAC

www.klesbkcollegechikodi.edu.in, e-mail: kles_bkcc@rediffmail.com : 08338-272176



Date-25-08-2022

P.G. DEPARTMENT OF BOTANY

To,
The Principal,
KLE Basavaprabhu Kore College,
Chikodi-591 201

Respected Sir,

Subject- Seeking permission to conduct the field excursion- Reg.

With reference to the subject cited above, as a part of the curriculum second year M.Sc. (4th semester) Botany students have to visit an industrial area to assess environmental impact. In this regard, we have decided to visit **Arihant sugar factory Jainapur near Toranahalli Tq. Chikodi District Belagavi** and as a control site lake view point Chikodi Kabbur road on 27th August, 2022 (one day field excursion). The list of students and staff members is enclosed with this request letter. Kindly, accept our requisition and permit us to take the students along with the faculties to the above said place for the future benefits.

Thank You,

Yours Faithfully,

Coordinator
P.G. Department of Botany
P. G. Department of Botany
B. K. College, Chikodi.

Enclosed -list of students and staff members



RANI CHANNAMMA UNIVERSITY BELAGAVI

Basavaprabhu Kore Art's, Science and Commerce
College Chikodi-591 201

Re-accredited with "A+" grade by NAAC



www.klesbkcollegechikodi.edu.in, e-mail: kles_bkec@rediffmail.com : 08338-272176

P.G. DEPARTMENT OF BOTANY

List of Students attending field excursion

Sl.No.	Register no	Name of students	Signature
1	BT201401	ASHWINI KAKAMARI	Ashwin
2	BT201403	DHANASHRI HIREMATH	Dhanashri
3	BT201404	MADHURI BHIVASE	Madhuri
4	BT201405	MASUM PANWALE	Masum
5	BT201406	MEGHA PARAMASHETTI	Megha
6	BT201407	PALLAVI THORUSHE	Pallavi
7	BT201408	ROHINI THARAPATTI	Rohini
8	BT201409	RUTUJA PATIL	Rutuja
9	BT201410	SHAHIDA DESAI	Shahida
10	BT201411	SHUKRATA ZHUNJARAWADE	Shukrata
11	BT201412	SOUMYA SHEDBALE	Soumya
12	BT201413	SWATI TAWADARE	Swati
13	BT201414	VANI MUNNOLI	Vani
14	BT201415	VARSHA KAGAWAD	Varsha
15	BT201416	VARSHA KARAGAR	Varsha
16	BT201417	VINAYA GHARABUDE	Vinaya
17	BT201418	VINOD KURI	Vinod
18	BT201419	VIJAYKUMAR B	Vijaykumar

Sl.No.	Name of Lecturer	Signature
1	Miss Anjali Ashok Hajeri	Anjali
2	Miss Shraddha Sangane	Shraddha

THE CO-ORDINATOR
P. G. Department of Botany
B. K. College, Chikodi

[Handwritten signature]



K.L.E. Society's
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI – 591 201.

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle)

Website: www.klesbkcollegechikodi.edu.in e-mail: kles_bkcc@rediffmail.com Phone : 08338 – 272176

To,
The Principal
Basavaprabhu Kore Arts, Science
and Commerce College, Chikodi

Sub: Permission to go for field visit-reg.

Respected sir

With reference to above cited subject M.Sc. 1st semester students and faculty members of P.G. Department of Botany have planned to visit local ecosystems in Chikodi i.e. ~~Swayambhu Mahaganapati temple hill and Gatti Basavanna~~ surroundings. During the visit, it is needed to demonstrate Biodiversity indices such as Shannon Weaver and Simpson index. As it is mandatory as per syllabus prescribed by Rani Channamma University, Belagavi for M.Sc. (Botany) 1st semester. We planned to visit ~~above~~ locations on **18th January 2022** from 10.00 am to 5.30 pm. In this regards, I request you to kindly permit us to visit and do the needful.

Thanking you

Place: Chikodi

Date: 11-01-2022

[Handwritten signature]
17/01/22

[Handwritten signature]
The Co-ordinator
P.G. Department of Botany
B. K. College, Chikodi

Encl: List of students and faculty members

P.G. DEPARTMENT OF BOTANY

BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE COLLEGE, CHIKODI

M.Sc. 1st Semester

List of students and staff members attending the visit

Sr. No.	Name of the student	Signature
01	Ms. Akshata Vaswade	Akshata
02	Ms. Akshata Kulkarni	Akshata Kulkarni
03	Ms. Akshata Mirje	Mirje
04	Ms. Akshata Patil	Patil
05	Ms. Arati Kamble	Kamble
06	Mr. Chetan Hosatti	Hosatti
07	Ms. Deepa Sheelinavar	Deepa
08	Ms. Geeta Mannikeri	G. Mannikeri
09	Ms. Janhavi Bhatale	Janhavi Bhatale
10	Ms. Meghashri Badiger	Meghashri Badiger
11	Ms. Padmashri Nalavade	Padmashri Nalavade
12	Mr. Rakesh Jambagi	Rakesh Jambagi
13	Ms. Rani Patil	Rani Patil
14	Ms. Sandhya Kambar	Sandhya Kambar
15	Ms. Shweta Tirth	Shweta Tirth
16	Ms. Siffa Allan	Siffa Allan
17	Ms. Simran Patil	Simran Patil
18	Ms. Soujanya Pattar	Soujanya Pattar
19	Ms. Sudharani Sanadi	Sudharani Sanadi

List of staff members

Sr. No.	Name	Designation
1	Dr. Kambhar S.V.	Lecturer
2	Dr. Rahul R. Patil	Lecturer



K.L.E. Society's
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COLLEGE, CHIKODI – 591 201.

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e-mail: kles_bkcc@rediffmail.com

☎ : 08338 – 272176

DEPARTMENT OF CHEMISTRY

REPORT

On

INDUSTRIAL VISIT

To

Chidanand Basaprabhu Kore Sahakari Sakkare
Karkhane Niyamit Chikodi, Examba Nanadi Road,
Nanadiwadi, Belagavi, Karnatak State, India

On

25/08/2021

Arranged for

B.Sc. VI Semester Students

INDUSTRIAL VISIT REPORT

One Day Educational Industrial Visit To **Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikodi, Examba Nanadi Road, Nanadiwadi, Belagavi-591247, Karnatak State, India.**

Our college arranged one day Educational visit to **Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikodi, Examba Nanadi road, Nanadiwadi**, on 25th August 2021 for B.Sc final year (VI semester) students of Chemistry Department . This industrial tour was helpful to impart the practical knowledge of sugar production amongst the students and the faculty members.

Name of Company	Chidanand Basaprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikodi.
Address of Company	Post: Chikodi, Examba Nanadi road, Nanadiwadi, Belagavi-591247, Karnatak State , India.
Chairman of Company	Shri. Bharatesh Banavane
Established year	1974
Nature of business	Producing sugar , Spirits(alcohol).
Capacity	5500 TCD TO 10000 , 30 KLPD Ethanol & Cogeneration Power Plant 20.5 MWhr to 50 MWhr.

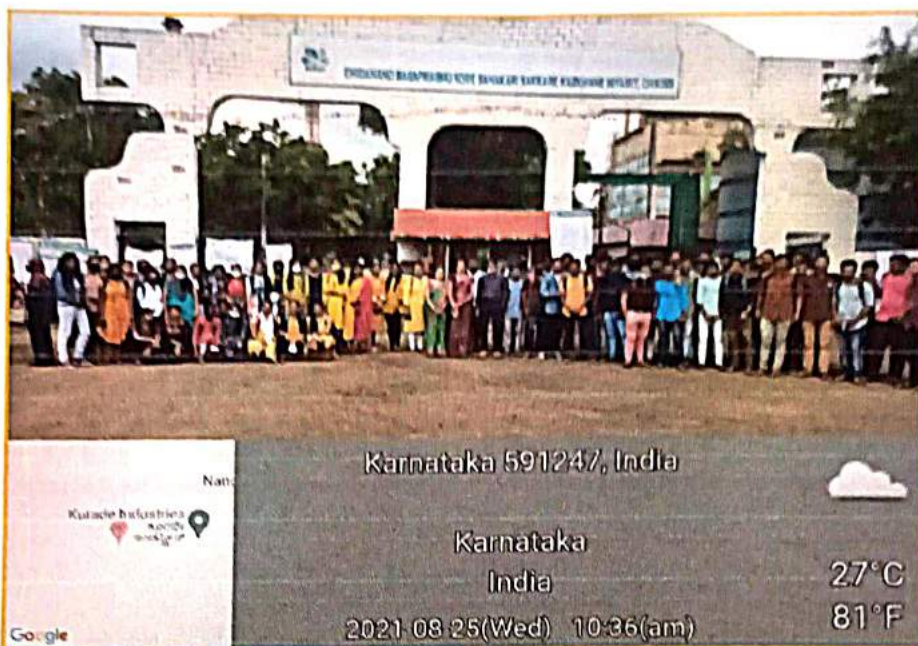
Date of visit	25 th August 2021
Branch involved	Department of chemistry (B.Sc. PCM And CBZ VI sem)
Concerned subject	B. Sc. VI sem Chemistry Paper –II Practical Curriculum
Total students	167
Transport facility	College bus
Faculty coordinators	<ol style="list-style-type: none"> 1.Prof. U. R. Rajput 2.Prof. S. S. Patil 3. Dr. S. M. Patil 4. Mrs. G. B. Jambagi 5.Mr. S. S. Latte 6. Miss. S. D. Kotabagi 7.Mrs. D. S. Kanagali 8.Mr. S. S. Kumbar 9.Mr.V. B. Kole
Objectives	<ul style="list-style-type: none"> • Study tour is considered as a part of college curriculum and objectives of industrial visit is to provide students an insight regarding internal working of industries. • Industrial visit provides student a practical perspective on the world of work and an excellent opportunity for the students to interact

	<p>with industries and know more about industrial environment.</p> <ul style="list-style-type: none"> • Main objective of industrial visit is to provide an exposure to students about practical working environment.
<p>Outcome</p>	<ul style="list-style-type: none"> • Industrial visit helps students in reinforcing the theoretical knowledge with practical knowledge. • Industrial visit helps students in recognizing different process units such as Boiler, Crusher, Steam turbine, Distillery plant, Power generator etc. • Industrial visit helps students in identifying input and output for the process and experience the importance of working safety.

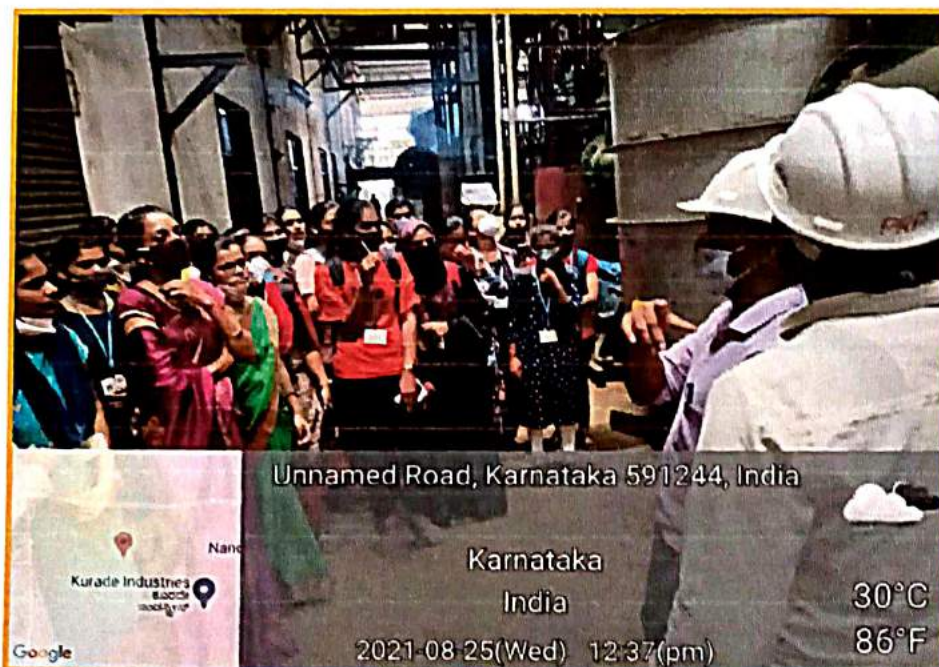

HOD


PRINCIPAL
PRINCIPAL
 KLES'S Basavaprabhu Kore
 Arts, Science and Commerce College
 CHIKODI - 591 201

PHOTO GALLERY



Group Photo



Students interaction with Chemists



K.L.E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI - 591 201
(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)



Date: 25/08/2021



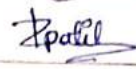

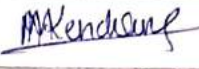
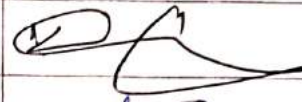
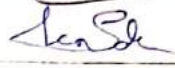

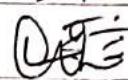
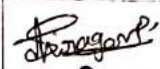
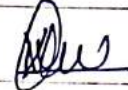
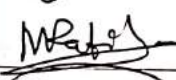
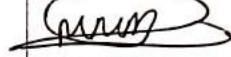
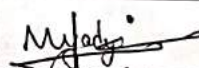
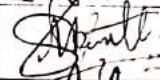





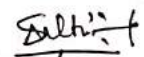

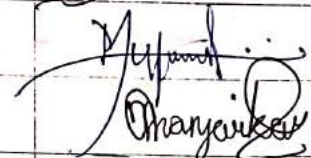
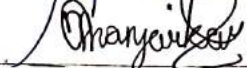
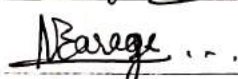
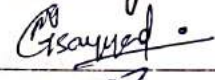

DEPARTMENT OF CHEMISTRY

Industrial visit for B.Sc. Final Year Students - 2020-21

Student Attendance

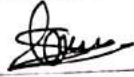

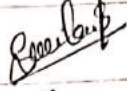



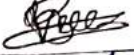

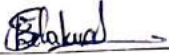
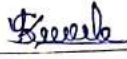
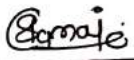


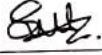






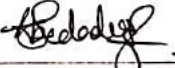
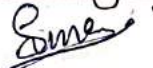




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180	S1816604	ADESH KULKARNI	
02	S1816605	ADITYA PIRAJI	
49	S1816606	AISHWARYA BYALE	
04	S1816611	AKASH KAMBALE	
50	S1816612	AKSHATA BADAGAVE	
181	S1816613	AKSHATA BADANIKAI	
05	S1816615	AKSHATA METRI	
207	S1816616	AKSHATA A PATIL	
246	S1816617	AKSHATA B PATIL	
06	S1816618	AKSHATA RAJAPUT	
52	S1816619	AKSHATA SAMBHAJI	
51	S1816620	AKSHATA TARADALE	
54	S1816621	AKSHAY KESTI	
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208	S1816625	AMAR BABANNAVAR	

56	S1816627	AMARSEN SAMAJE	<u>Amse</u>
57	S1816628	AMASIDDA BIRADAR	<u>Abdo</u>
07	S1816631	AMRUTA SHINDE	<u>Abunde</u>
59	S1816632	ANAND BHAGAI	<u>Abhagf</u>
08	S1816634	ANKITA CHOUGULE	<u>Ak</u>
209	S1816635	ARCHANA DAGATI	<u>AmBagat</u>
09	S1816636	ARPITA PATIL	<u>Apatil</u>
60	S1816637	ARUN CHAJAGOUD	<u>Arun</u>
10	S1816638	ASHIF NADAF	<u>Ashif</u>
61	S1816639	ASHWINI PATIL	<u>Ashwini</u>
62	S1816640	BHAGYASHREE PARASHETTI	<u>Bhagshetti</u>
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67	S1816648	DAREPPA BILAGE	<u>Dare</u>
68	S1816649	DEEPA DESAI	<u>De</u>
11	S1816651	DEEPAK JAKATE	<u>Dejakate</u>
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14	S1816656	GAYATRI DUNDAGE	<u>Gay</u>
15	S1816658	HARSHADA LOKURE	<u>Har</u>
69	S1816660	JAYARAM KOTRE	<u>Jhotre</u>
70	S1816661	JAYASHREE HUNACHYALI	<u>Jay</u>
72	S1816663	KADAMBARI BABANAVAR	<u>Kababnavar</u>

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16	S1816665	KARAN JADHAV	
74	S1816666	KAVERI PATIL	
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194	S1816687	METRI SANJANA	
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84	S1816689	MUJAMIL MAKANDAR	
186	S1816690	MURALI MANJAREKAR	
18	S1816691	NAGARAJ BARAGE	
213	S1816692	NAJMUSSAQIB SAYYAD	
85	S1816693	NAMRATA PATIL	

214	S1816694	NANDA SHINGADI	Ndshingadi
86	S1816695	NANDINI MANGAJ	NBMJ
87	S1816698	NAVALU SANAMORE	NS
88	S1816699	NAVEEN WADRALE	
89	S1816700	NAVEENKUMAR HIREMATH	NH
19	S1816701	NEETA BILLURE	Neily
20	S1816702	NILESH BAIKALE	Nile
90	S1816703	NINGAWWA KANKANAWADI	Nkankanawadi
91	S1816704	NIVEDITA DHANAGAR	Nividita
21	S1816706	OMKAR POTADAR	
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217	S1816708	PALLAVI HIREMATH	Pallavi
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92	S1816710	POOJA AINAPURE	Pooja
188	S1816711	POORNIMA MADIWAL	Poonima
239	S1816712	POORNIMA MORE	Poonima
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22	S1816714	PRADEEP POTADAR	Pradep
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189	S1816727	PRIYANKA SHIRAGAVE	<i>Shiragave</i>
222	S1816728	PRIYANKA TERADALE	
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223	S1816736	RAJENDRA MARASARAKAR	<i>RS</i>
100	S1816738	RAKESH NAIK	<i>RN</i>
101	S1816739	RAKESH K PATIL	<i>RK</i>
102	S1816740	RAKESH S PATIL	<i>RS</i>
103	S1816741	RAMAPPA MARYAYI	
104	S1816743	RAVI PIRAJI	<i>Ris</i>
224	S1816744	RAVINA PUJARI	<i>Ravi</i>
225	S1816746	ROHINI KABBURE	<i>Rohini</i>
28	S1816747	ROHINI PANAKE	
105	S1816748	ROOPALI DHANAGAR	<i>RD</i>
29	S1816750	RUTUJA MANGAVE	R. B. Mangave.
106	S1816753	SACHIN BAGI	<i>Sachi</i>
107	S1816754	SACHIN KORE	<i>S</i>
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31	S1816763	SAMPATTA BHOSALE	S. v. Bhosale
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37	S1816795	SHREEDHAR VANTAMURE	

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38	S1816798	SHRUTIKA BORAGANVE	<i>Boraganve</i>
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126	S1816818	SUMIT BUBANALE	<i>S.B. Bubanale</i>
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128	S1816821	SUPRITA MALAWAD	<i>Malawad</i>
200	S1816822	SUPRIYA CHAVAN	<i>Chavan</i>
201	S1816823	SUPRIYA R LATE	<i>Late</i>
129	S1816824	SURAJ CHOUGALA	<i>Chougala</i>
130	S1816825	SUSHANT M PATIL	<i>Patil</i>
131	S1816826	SUSHANT N PATIL	<i>Patil</i>
242	S1816827	SUSHMITA DAMOJI	<i>Damoji</i>
47	S1816828	SUSHMITA PATIL	<i>Patil</i>

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133	S1816832	SWIKAR CHOUGAE	
202	S1816834	TEJASHRI SARWAD	Sarwad
243	S1816835	TEJASHWINI MALAGI	Malagi
236	S1816836	TEJASHWINI TOPUGOL	Topugol
134	S1816837	TYAGARAJ MALI	Tyagaraj Mali
203	S1816839	UMMEHANI JAKATI	Jakati
204	S1816841	VAISHNAVI CHAVARE	V.S. Chavare
237	S1816842	VAISHNAVI PANCHAM	V.P. Pancham
135	S1816845	VIDYA TELI	Teli
136	S1816846	VIDYASHRI SADALAGE	Sadalage
137	S1816847	VIJAY SAPTASAGAR	Saptasagar
138	S1816848	VIJAYA MORE	More
48	S1816849	VINAYAK NILAJAGI	Nilajagi
139	S1816850	VINAYAK PIRAJI	Piraji
238	S1816856	VITTAL SANADI	Sanadi

83

S1816719

Pranod M. Todakari

Pranod

Head of Department

~~Head of Department~~

Department of Chemistry

B. K. College, CHIKODI - 591 201

Principal

PRINCIPAL

KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201



K.L.E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI - 591 201
(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)



DEPARTMENT OF CHEMISTRY

Date: 23/08/2021

To,

The Managing Director

Chidanand Basavprabhu Kore Sahakari Sakkare Karkhane Niyamit
Chikodi.

Dear Sir,

Sub: Seeking Permission for Industrial Visit to your esteemed organization.

As part of the Rani Channamma University Belagavi curriculum, industrial visit for B.Sc. third year students is mandatory. To facilitate the onsite working procedure of an esteemed organization such as yours and the curriculum demand, we request you for the industrial visit. Kindly permit us to visit your esteemed organization for a group of 160 students including 6 staff members on 25/08/2021.

Kindly grant us permission for the industrial visit and make the necessary arrangement for the same. We look forward to a positive reply from your side.

Thanking You,

Yours Sincerely,

HOD

Dept. of Chemistry
B.K.C. College, Chikodi



PRINCIPAL

permitted subject to observing all safety precautions, one batch of 30 students will be accompanied by one member of college staff and one security guard. 25/8/2021



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(Accredited at 'A' Grade by NAAC with CGPA Of 3.26 In 3rd Cycle)

Date: 23/08/2021

Department of Chemistry

Notice

All the B.ScVI semester students are hereby informed to attend the Chemistry paper -I second internal Assessment scheduled on Tuesday 24/08/2021 at 11:00 AM in hall number 23. Attendance of all the students is mandatory.

HOD Head
Dept of Chemistry
B. K. College, Chikodi



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DEPARTMENT OF CHEMISTRY


OBJECTIVES AND LEARNING OUTCOMES OF STUDY TOUR

Objectives:

- Study tour is considered as a part of college curriculum and objectives of industrial visit is to provide students an insight regarding internal working of industries.
- Industrial visit provides student a practical perspective on the world of work and an excellent opportunity for the students to interact with industries and know more about industrial environment.
- Main objective of industrial visit is to provide an exposure to students about practical working environment.

Learning outcomes:

- Industrial visit helps students in reinforcing the theoretical knowledge with practical knowledge.
- Industrial visit helps students in recognizing different process units such as Boiler, Crusher, Steam turbine, Distillery plant, Power generator etc.
- Industrial visit helps students in identifying input and output for the process and experience the importance of working safety.


HOD
Head
Dept of Chemistry
B. K. College Chikodi




Principal
PRINCIPAL
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201



K.L.E. SOCIETY'S
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COLLEGE, CHIKODI - 591 201.



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Date: 23/08/2021

Department of Chemistry

As every year department of chemistry is organizing an Industrial visit to Chidanand Basavprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikodi, On 25th August 2021 for B.Sc final year students.

Objectives of Industrial visit:

1. To understand the operational procedures used in the SUGAR INDUSTRY.
2. To get exposure to the advanced instruments and to understand their mechanisms.


Departure Time: 9:30 AM on 25th August, 2021.

Arrival Time: 5:00 P.M. on 25th August, 2021

Name of Industry: Chidanand Basavprabhu Kore Sahakari Sakkare Karkhane Niyamit Chikodi.

All B.Sc. Final year students are required to register their names along with 50/- Rs. In department of Chemistry on or before 24st August, 2021 without fail.

Note: Industrial visit is compulsory for all B.Sc. final year students.


HOD
Dept of Chemistry
B. K. College, Chikodi



K.L.E. Society's
**BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI – 591 201.**

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Website: www.klesbkcollegchikodi.edu.in

e-mail: kles_bkce@rediffmail.com

☎ : 08338 – 272176

Date: 22-10-2021

Department of Physics and Research Center

NOTICE

**Special Guest Lecture on Minerals Processing- A Rare and
Unique Profession**

All the students are hereby inform to attend a special guest lecture on Minerals Processing- A Rare and Unique Profession in the Sabha Bhavan at 2.30 pm 23/10/2021.

Chief guest Dr. Shivakumar Angadi, IUSSTF Fellow Principal Scientist and Associate Professor of AcSIR Mineral Processing Department CSIR - Institute of Minerals and Materials Technology Bhubaneswar, India.


Head of the Department
Head of the
Department of Physics
K. L. College, CHIKODI




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KLES'S Basavaprabhu Kore
Arts, Science and Commerce College,
CHIKODI - 591 201



K.J.S. Society's
**BASAVAPRA BHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI-591 201**

Date: 17-01-2022

Department of Physics-2021-22

Title of the Programme	Special Guest lecture on "Progression to Higher Education"
Time and Date	1 pm, 17 th January 2022
Place	Hall no 22, B K College Chikodi
No. of Beneficiaries	80 Students
Resource Persons	Dr. N L. Tendale, Department of Chemistry J. S. S. Collage Gokak
Objectives	<ul style="list-style-type: none">➤ To create the awareness about the Higher Education➤ To inspire the students complete their education with higher qualification.➤ To make awareness about financial assistance from different agencies.
Summary of the Proceedings	The Department of physics, B.K. Arts Science and Commerce College, Chikodi organized the Special Guest lecture on "Progression to Higher Education" on 01:00 pm 17 th January 2022. Dr. S Matheppanavar welcomed the guest of honor and the participants; The Key note speaker, Dr. Taradale, J. S. S. Collage Gokak addresses the importance of Higher Education and its role in future. The event is ended with vote of Thanks.
Outcome	<ul style="list-style-type: none">• All the 5th semester students were beneficiaries from this program.• Students were actively participated by asking questions to the speaker.• Most of the students shown interest to do higher education.• Gained knowledge in perusing research and small projects in UG

N. L. Tendale
27-1-22

**HOD, the
Department of Physics
B. K. College, CHIKODI**

P. S. S. S.

**Principal
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201**



Department of Physics-2020-21

Title of the Programme	Online Special Guest lecture on "Montreal Protocol- Keeping us, our food and vaccines cool" on the eve of International Ozone Day Celebration
Time and Date	12 pm , 16 th September 2021
Place	Department of physics, BK Arts Science and Commerce College , Chikodi 591201
No. of Beneficiaries	56 Students
Resource Persons	Shri. Jagadeesh H, The environmental officer KSPCB Chikodi
Objectives	<ul style="list-style-type: none">➤ The lecture is focused on the importance of ozone layer and its role.➤ To create the awareness about Management of the degradable and non Degradable Waste➤ Also the lecture focused on the preservation and its importance of ozone layer in future lives
Summary of the Proceedings	The Department of Physics, KLES Basavaprabhu Kore Arts Science and Commerce College, Chikodi and Karnataka State Pollution control board Chikodi jointly organized the Online Special Guest lecture on "Montreal Protocol- Keeping us, our food and vaccines cool" on 02:30 pm 16 th September 2021. Shri R.R. Wadagavi welcomed the guest of honor and the participants; The Key note speaker, Shri. Jagadeesh H, The environmental officer KSPCB Chikodi, beautifully address the importance of ozone layer and its role in future lives. The event is ended with vote of Thanks.

Photos :



Online lecture by Shri Jagadeesh H

Faculty members during online lecture

Recd. by
Head of Department
Department of Physics
K. E. College, CHIKODI



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CHIKODI - 591 201



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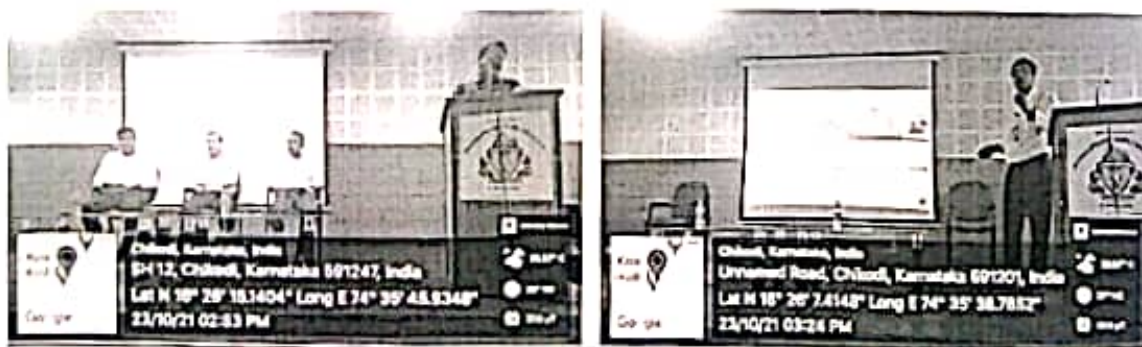
Website: klesbkecollegechikodi.com e-mail: kles_bkcc@rediffmail.com ☎ : 08338 – 272176

Date: 23/10/2021

Department of Physics-2021-22

Title of the Programme	Special National Level Guest lecture on “Mineral Processing – A Rare and Unique Profession”
Time and Date	2.30 pm , 23 rd October 2021
Place	Sabha - Bhavan
No. of Beneficiaries	90 Students
Resource Persons	Dr. Shivakumar Angadi, IUSSTI Fellow Principal scientist and Associate Professor of AcSIR Mineral Processing Department CSIR – Institute of Minerals and Materials Technology Bhubaneswar – 751013, India
Objectives	<ul style="list-style-type: none">• To understand the importance of rare elements• To understand the extraction methods of rare elements• Processing mechanisms of minerals• Motivate the students to continue their higher studies in Mineral processing
Summary of the Proceedings	<p>The Department of Physics, Basavaprabhu Kore Arts Science and Commerce College, Chikodi organised a national level special guest lecture on “Mineral Processing – A Rare and Unique Profession”. Demand for rare earth metals is increasing day by day in various high-tech applications such as super magnets, fluid cracking catalysts, nickel-metal-hydride (NiMH) batteries, and ordinance industries as well as in some defense applications.</p> <p>The rare earth metals are extracted from different REE-bearing minerals that occur in carbonatites, pegmatites, and placer deposits. About 95% of the world's rare earth production comes from bastnaesite, monazite, and xenotime minerals. In many instances, rare earth minerals are found in association with various gangue minerals. The recovery of rare earth values from the lean-grade ores requires several stages of mineral beneficiation and hydrometallurgical unit operations.</p>

Photos :



1. Introduction speech by Dr. S. Matteppanavar

2. Speech by Dr. Shivakumar Angadi

S. Matteppanavar
Head of the Department
Department of Physics
College, CHIKODI



Pringiraj
PRINGIRAJ
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201



K.L.E. Society's
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI - 591 201.

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)

Website: klesbkcollegtechikodi.com e-mail: kles_bkcc@rediffmail.com ☎ : 08338 - 272176

Date: 23/10/2021

Department of Physics and Research Center

Jointly organises

A special Guest Lecture on Minerals Processing - A Rare and Unique Profession

Attendance Sheet

Sl. No.	Roll No.	Name of the Students	Sign.
1.		Megha. R. H.	Megha
2.		Namrata. Shirwat	B
3.		Rajashree. Tirodkar	Prof.
4.		Sangeta. K. Bambalwade	sa
5.		Kavita. L. Mechchannavar	Kavita
6.		Priyanka. Asplimatti	PA
7.	BSC-III ^{sem}	Akshata. Dareppa, Maske (1)	Anaste
8.	64	Nikhita S. Panadare	Panadare
9.	59	Laxmi M. Patil	Patil
10.	66	Nikita. R. Hiramath	B
11.	57	Lavanya. K. Tirodale	Kandale
12.	94	Suvasini A. Bonaganve	Suvasini
13.	02	Akshata. A. Kamble	-Mkamble
14.	44	Bhagyashree. G. Dooganavar	Bhagyashree
15.		Poonam B Malage	Poonam
16.		Madiha. M. Mulla	Mulla
17.		Kavita. G. Jadhav	KJadhav
18.		Radhika, N. Mannikeri	Radhika
19.		Vanishree. K. Kumbhar	VKumbhar
20.	19	Prasanna. K. Borit	P.
21.	48	Divya. R. Kumbhar	Divya
	13.	Manisha. S. Hestawade	Manisha



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Attendance Sheet

Sl. No.	Roll No.	Name of the Students	Sign.
22.		Abmussayeed. Ipeerdi	Abmussayeed
23.		Md. Jumeed. Mujawar	Md. Jumeed
24.		Khalid. Y. Mokeddas	Kumkurdas
25.	122	Swraj. J. Kumbhar.	Swraj
66.	44	Kumar. M. Hikadi	B. M. Hikadi
27.	07	Adarsh. Lunde	Adarsh
28.	38	Harikrishna. Angadi	Harikrishna
29.	28	Bhagyabai. B. Kivad	Bhagyabai
30.		Santosh. B. Kotabagi	Santosh
31.	91	Vijay. S. Bedege.	V. S. Bedege
32.	134	Vishal. P. Aihole	Vishal
33.	15	Ajay. P. Pathrut	Ajay
44.	23	Sheela. S. Munaganale	Sheela
35.	34)	Darshan. Kambaragi	Darshan
66.		Ashwini. J. Barage	Ashwini
37.	40)	Ashwata. R. Ninganure	Ashwata
38.	707	Prangati. M. Patanjape	Prangati
39.	54)	Kaveshi. C. Kamble	K. C. Kamble
40.	65	Nikita. K. Danoli	Nikita
41.	62	Neeta. A. Maledawan	Neeta



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Date: 23/10/2021

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Sl. No.	Roll No.	Name of the Students	Sign.
42.	119	Vasumada . Ashok . Korse	
43.	136	Aktamahadevi. Mali	
44.	114	Sushida . Tupale	
45.	146	Sushmila Marabad	
46.	137	Annapurna Babu Kogali	
47.	15	Manjushri . P. Wandimali	
48.	24	Saleem. M. Nadaf	S. M. Nadaf
49.	90	Sneha A. Patil	
50.	88	Shruti Dayanand Korbu	
51.		Aishwarya. M Mishrikoti	
52.		Aditi R. Matrale	
53.		Faizun. K. Naikwadi	
54.		Heenakousar. M. Siddiqul	
55.	BSc I Sem	Alisha. A. Khatib	
56.	BSc - I	Akanksha. S. Korse.	
57.	"	Musarat. M. Patil	
58.	"	Megha R. Ingale	
59.	"	Shweta B. Chougale	
60.	"	Nisarga S. Patil	
61.	08	Gayatri. D. Patil	
62.	BSc I	Sujata. L. Magadum	
63.	"	Soushi. Y. Sadalage	
64.	"	Daneshwari S. Kotalagi	
65.	"	Akshata. M. Kore	



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Department of Physics and Research Center

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Attendance Sheet

Sl. No.	Roll No.	Name of the Students	Sign.
62.	140	Sunil. M. chougale	
63.	122	Adarsh. R. Patil	
64.	123	Anand. R. chougale	
65.	126	Niteen. K. palled	
66.	92	Suresh. T. Kudachi	
67.	178	Omkar. A. Munde	
68.	181	Praveen. V. Parasannavar	
69.	198	Prathamesh Kamble	
70.	202	Sunil. B. Hittolamani	
71.	142	Vinayak patil	
72.	141	Vinayak Ningadali	
73.	110	Sanket G. Masu	
74.	138	Reshma. R. Venekar	
75.	125	Mohananda. S. Shipure	
76.	116	Sonali G. Muthapati	
77.	201	Amruta A Kabadagi	
78.	130	Pooja. K. Karaganvi	
79.	135	Shrut. S. Boraganve	
80.	112	Shivani V Pathanawat	
81.	113	Shruti. R. Shiraganve	
	115	Simaran B. Kanawade	
	118	Swati Momadapure	
	106	Gemila M. Smart	
	180	Megha. N. Handagude	



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Basavaprabhu Kore Arts, Science and Commerce College Chikodi

Department of Zoology

Report on Guest lecture

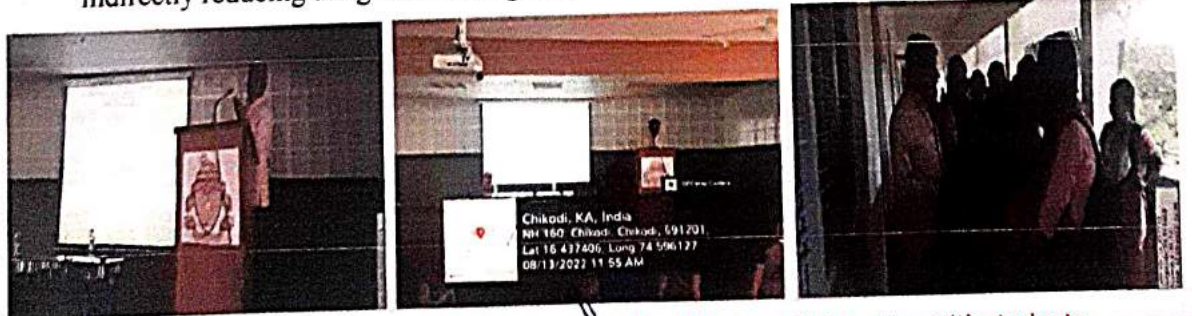
- ❖ Name of the Programme : 'C₂H₅OH- A wonder molecule for Entrepreneur'
- ❖ Resource Person : Dr. Govind Misale
Vice President
Shree Renuka Sugars Pvt Ltd. Belagavi.
- ❖ Date and Time : 13/08/2022
- ❖ Number of beneficiaries : 72 Students
- ❖ Objectives
 - To motivate students towards entrepreneurship
 - Importance of ethyl alcohol in terms of industry
 - To provide an idea set a small scale industry

❖ Programme

To motivate students toward entrepreneurship Department of Zoology organized a guest lecture on 'C₂H₅OH- A wonder molecule for Entrepreneur'. Dr. Govind Misale Vice President, Shree Renuka Sugars Pvt. Ltd was the chief guest. Dr. Govind highlighted the importance of C₂H₅OH in distillation industries. How it is produced in large scale from sugarcane and maize plants. He also gave the role of ethyl alcohol as environment friendly molecule and how it can be blended with petrol. Speaking in the occasion he highlighted entrepreneur qualities and how one can become successful entrepreneur. Students interacted with the resource person and got clarify their doubts.

❖ Outcome

Students were motivates towards entrepreneurship. They gain the knowledge of alcohol industry and got know that not only sugar cane even from maize ethyl alcohol is produce. They interacted with resource person and got to know how these industries are directly or indirectly reducing the green house gases.



Resource person Dr. Govind Misale delivering the lecture and interacting with students

HEAD

DEPARTMENT OF ZOOLOGY

IQAC Coordinator

KLE's Basavaprabhu Kore
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**DEPARTMENT OF ENGLISH
STUDENT SEMINAR DETAILS: Odd Semesters – 2021-22**

Sl. No.	Roll No.	Sem	Name of the Student	Title of the Paper	Date/ Time	No. of Students Present
1	49	I	Preetkumar Ummayi	My Lord The Baby	01.02.2022 Tue 01.30 pm	08
2	30	I	Kavya Shahapur	Chicago Address: Swami Vivekananda	01.02.2022 Tue 01.30 pm	08
3	26	III	Lohit R. Hasure	Victorian Age Poetry	24.01.2022 Mon 11:00 am	04
4	64	III	Vaishnavi B Yarole	Romantic Poetry	24.01.2022 Mon 11:30 am	04
5	05	V	Ankita R. Basannavar	Sublime -Longinus	31.01.2022 Mon 12.35pm	04
6	17	V	Geeta P.Chougala	Post Independence Poetry	31.01.2022 Mon 12.20 pm	04

ANALYSIS

Class Seminars were conducted.

06 Students gave seminars on the topics of their choice.

First semester : 02 students gave seminars.

Third semester : 02 students gave seminars.

Fifth semester : 02 students gave seminars.

Date: 02.02.2022

C. Deekamani
HOD
Head
Department of English



[Signature]
Principal
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- 1) Pramod Jaganure (173) → Topic - Physical properties of water
- 2) Suhasini Kabadagi (179) → Topic - Chemical properties of water

Roll No.	Name	Sign	Roll No.	Name	Sign
165	Keerti M. Gadwadkar		214	Akshini Vinod	
198	Rakshita R. Bindage		201	Tejvan R. Kogale	
150	Kavita A. Shipurkar	K. A. Shipurkar	163	Basavaraj A. Chougale	
155	Suchita S. Havale	S. S. Havale	15A	Sagar B. Herwadkar	
151	Manali M. Patil	Patil	210	Vikash M. Kamble	
157	Varundhara K. Ahatare		173	Pramod Jaganure	
160	Vinuta U. Kamble	V. U. Kamble			
161	Dishuvaraya D. Same				
167	Madhu R. Amalad				
160	Ninuta Kamble	V. U. Kamble			
172	Pooja R. Potil	P. R. Potil			
168	Nandini Magadum				
178	Sourmya Pattanahetti				
171	Pooja Kumbhar				
179	Suhasini Kabadagi				
216	Supriya M. Chalarwad				
200	Tisha P. Jain				
153	Rohini D. Badiger				
197	Krutika B. Kallatti				
180	Tejaswini S. Kelledar				
164	Kaveri S. Khot				
166	Laxmi P. Naik				
175	Sandesh A. Zalake				
190	Suhas R				
170	Nikhil V. Naik				
176	Shreesha P. Kulkarni				
159	Vinayak P. Benade				
213	Dasari Vinay				
169	Naveen R. Sadabgi				
223	Takaram Gadde				

Teachers:

1. Shri. R. R. Naik (HOD)
2. Miss. S. S. Sangane
3. Miss. K. H. Halli

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DEPARTMENT OF CHEMISTRY

PRINCIPAL
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201

- 1) Yashoda Kumbhar (171) → structure of dicot Gamoplet stem
- 2) Pooja Gadave (160) → vascular tissue system
- 3) Ashish Kurade (147) → Leaf fall.

Roll no	Name	Sign	Roll no	Name	Sign
160	Pooja. K. Gadave	<u>Pogadave</u>	175	Venod A. Desai	<u>Desai</u>
191	Archana. Shirgave	<u>A. Shirgave</u>	190	Pramod koushary	<u>Koushary</u>
193	Sakshi. Halli	<u>S. Halli</u>	161	Pratibha. Desai	<u>Desai</u>
196	Amrut. M. Mandeshkar	<u>Amrut</u>	176	Vinayak. B. C	<u>Vinayak</u>
157	Amruta R. Bli. Palid	<u>Amruta</u>	168	Eddappa. L. Patil	<u>Eddappa</u>
192	Savita. Koushalagi	<u>Savita</u>	147	Ashish. Kurade	<u>Ashish</u>
188	Sabha. M. Hobbani	<u>Sabha</u>	145	Akshay. C. Ambhe	<u>Akshay</u>
160	PraPraksha B Medkar	<u>PraPraksha</u>	194	Shankar. Y. Patil	<u>Shankar</u>
148	Jyoti. A. Mane.	<u>J.A. Mane.</u>	172	Suprit. Bellanki	<u>Suprit</u>
189	Kranti. A. Parade	<u>Kranti</u>			
153	Shraddha. S. Pancham	<u>Shraddha</u>			
154	Shreyashi. Chitave	<u>Shreyashi</u>			
185	Priya S. Badiger	<u>Priya</u>			
187	Alsha. A. Ghore	<u>Alsha</u>			
195	Shrilya. S. Ji	<u>Shrilya</u>			
167	Shambhavi. M. V	<u>Shambhavi</u>			
171	Sudeep. K. Mirji	<u>Sudeep</u>			
169	Siddharth. R. Patil	<u>Siddharth</u>			
149	Pramod. C. Dattawade	<u>Pramod</u>			
155	Vaushikesh. R. Mali	<u>Vaushikesh</u>			
152	Shantirath. T. Tekane	<u>Shantirath</u>			

Teachers:

1. Shri. R. R. Naik (HOD) Naik
2. Mrs. S. B. Bangare Bangare
3. Miss. K. H. Halli Halli

Naik
HEAD

DEPARTMENT OF BOTANY

PRINCIPAL



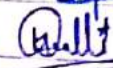
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201

Class- B.Sc V semester

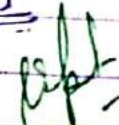
↳ Vinayak Benade (159) → Topic - Artificial ripening & maturity indices of fruits.

Roll No	Name	Sign	Roll. no	Name	Sign
150	Kavita A. Shipurkar	K.A. Shipurkar			
164	Kaveri S. Khot	K.S. Khot			
166	Laxmi P. Naik	L.P. Naik			
180	Tejaswini S. K	T.S. K			
178	Saumya Pattankhelli	S.P.			
155	Suchita S. Havale	S.S. Havale			
167	Madhu Namalad	M.N.			
198	Rakshita R. Bindge	R.R. Bindge			
172	Pooja R. Patil	P.R. Patil			
171	Pooja Kumbhar	P.K.			
209	Samiksha Patil	S.P.			
168	Nandini M. Magadum	N.M.			
179	Suhastini S. Kabadagi	S.S. Kabadagi			
161	Aishwarya D. Same	A.D.			
162	Venula U. Kamble	V.U. Kamble			
175	Sandesh A. Zalake	S.A. Zalake			
190	Buhas R	B.R.			
173	Pramod Jaganure	P.J.			
191	Sahana. Hanji	S.H.			
197	Krutika B. Kalbatti	K.B. Kalbatti			
165	Keerti Gadiwaddar	K.G.			
153	Rohini P. Badiger	R.P.			

Teachers:

1. Shri. R. R. Nask, (HOD) 
2. Miss S. S. Sangane 
3. Miss K. H. Hattar 


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- 1) Aditya . A. Nilaiyyoli (9) → Important species in Karnataka (family, part used, economic importance)
- 2) Ankita . G. Vaddar (23) → Green revolution.
- 3) Bhimarav . A. Sajane (30) → Fennel.
- 4) Heenakausar . M. Siddique (39) → Clove.
- 5) Kavita . L. Meethannavar (41) → Black pepper.
- 6) Nusrat . G. Sayyad (70) → Cardmom
- 7) Pawar . Ritesh . Ramesh (72) → Origin and morphology of Mungo.
- 8) Rohan . S. Kamble (87) → Cultivation, processing & uses of mango.
- 9) Rutuja . R. Chorchannavar (92) → Origin & Morphology of grapes.
- 10) Samruddhi . V. Gidaveri (97) → Cultivation, processing & uses of grapes.
- 11) Sneha . H. Kambar (110) → Origin and Morphology of Citrus.
- 12) Vishal . A. Vadavade (132) → Cultivation, processing and uses of Citrus.

Rollno.	Name	Sign
09	aditya . A. Nilaiyyoli	Aditya
72	Pawar Ritesh R.	Ritesh
39	Heenakausar . M. Siddiqui	Heena
132	vishal . A. vadavade	Vishal
87	Rohan . S. Kamble	Rohan
30	Bhimarav A. Sajane	Bhimarav
23	Ankita . G. vaddar	Ankita
41	Kavita . L. Meethannavar	Kavita
70	Nusrat . G. Sayyad.	Nusrat
92	Rutuja . R. chorchannavar	Rutuja
97	Samruddhi . V. Gidaveri	Samruddhi
110	Sneha . H. Kambar	Sneha

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Teachers

1. Shri. RR. Naik (HOD)
2. Miss . S.S. Sangane
3. Miss K.A. Hatti

- 1) Arpita. R. Naik (25) → Types of microbial culture.
- 2) Bhagyoday. B. Kivadaravav (28) → Economic importance of Virus.
- 3) Deepa. Managanvi (35) → Storage medium
- 4) Madha. Mulla (51) → Preservation method of microbial culture
Overlying cultures with mineral oils.
- 5) Nagesh. Kagawade (65) → Citrus canker disease.
- 6) Namrata. Chimmal (66) → Gram's staining.
- 7) Navyastushli. Dambal (67) → Diseases caused by prions.
- 8) Poonam. B. Malage (73) → Lyophilisation.
- 9) Pratik. N. Magadam (77) → Simple staining of bacteria.
- 10) Roopa. R. Desai (90) → Structure of lichens.
- 11) Sourabh. A. Rendale (115) → Selective media.
- 12) Uttom. S. Varute (127) → Differential staining.
- 13) Veena. L. Masaguppi (130) → Microbiological Staining.
- 14) Vishal. S. Aihole (134) → Natural culture media for microbes.
- 15) Yallakka. N. Khot (135) → Microbial culture collection and their importance.
- 16) Laxmi. N. Payappagal (138) → ITCC.

Roll no	Name	Sign
65	Nagesh. Kagawade	
127	Uttom. Varute	
115	Sourabh. A. Rendale	
67	Navyastushli. N. Dambal	
135	Yallakka. N. Khot	
73	Poonam. B. Malage	
51	Madha. M. Mulla	
130	Veena. L. Masaguppi	
138	Laxmi. N. Payappagal	
90	Roopa. R. Desai	

Teachers

1. Shri. R.R. Naik

2. Miss. S.S. Sangane

3. Miss. K.A. Halli

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- 1) Muzafar kalaigar (64) → Penicillium
- 2) Mahantesh Devanagol (55) → microbial type culture collection & - gene bank.

Roll. No.	Name	Sign
135	Yallakha. N. Khot	<i>YKhot</i>
90	Roopa. R. Desai	<i>RDesai</i>
84	Rajashree. M. Tirodkar	<i>Raj.</i>
99	Sangeeta. K. Bambalkuade	<i>SK</i>
56	Meenakshi. G. Naik	<i>Meenak</i>
40	Kavita. G. Jadhav	<i>KJadhav</i>
73	poonam. B. Malage.	<i>Pmalage</i>
51	Madhira. M. Mulla.	<i>Mmulla</i>
18	Akshata. M. Kore	<i>AKore</i>
138	Laxmi, N. payappagal	<i>L.N. Payappagal</i>
130	Veena. Laxman, Musaguppi	<i>Veena</i>
65	Nagesh. Appasab. Kigauade	<i>NKigauade</i>
55	Mahantesh. Ganapati. Devanagol	<i>MD</i>
64	Muzafar. A. Kalaigar	<i>MK</i>
115	Souabh. A. Rendale	<i>Soufale</i>
127	Uttam. S. Varute	<i>UVarute</i>

Teachers:

- 1) Shri. R. R. Naik (HOD)
- 2) Miss. S. S. Sangane
- 3) Miss. K. H. Halli

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Arts, Science and Commerce College
CHIKODI - 521 201

In-House Seminar Programme 2021-22 Date: 23/7/2022

class:- B.Sc. VI Semester

Time - 11-12 pm

- 1) Rohini Badiger (153) - Lamarckism: theory of inheritance of acquired characters.
- 2) Sucheta Havale (155) - Satellite chromosome.

Roll No.	Name	Sign	Roll No.	Name	Sign
166	Laxmi. P. Naik		175	Sandesh. A. Zanke	
197	Krutika B Kallatti		176	Shresh. P. Kulkarni	
164	Kaveri Khot		190	Nehal. R	
198	Rakshita. R. Binday		159	Vinayak. P. Benade	
180	Tejaswini S. Killedar				
150	Kavita. A. Shipurkar				
157	Vasudhara K. Ghafuge				
151	Manali. M. Patil				
181	Sahana. B. Harji				
162	Akanksha B. Patil				
160	Vinuta U. Karable				
161	Ushuarya Sone				
167	Madhu Ramalal				
178	Soumya. S. Patanbhatti				
168	Nandini M. Magadum				
165	Keerti M. Padwadkar				

Teachers:

- 1) Shri. R.R. Naik (HOD)
- 2) Miss. S.S. Sangane
- 3) Miss. K.H. Halle

STUDENT'S NAME		TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE	

ASSIGNMENT QUESTIONS

Name: Arshwarya, A. Yadavoni.

Class: Bsc 2nd sem

Roll No: 13

Subject: Environmental Studies.

I. Answer the following:

1. Define Ecosystem:

Eco means environmental and system means interacting independent complex structural and functional unit of biotic and abiotic and exchange of material is called ecosystem. An ecosystem is a material with specific landscape from such as forests grasslands deserts wetlands are coastal area.

2) Desert Ecosystem

An ecosystem is a community of all the living organisms and non-living organisms interacting with each other in a specific area is called desert ecosystem. Living organisms include all the plants organisms and animals. Non-living organisms include air, water, earth, climate etc.

3) Soil erosion:

Soil erosion is a two way word. It hurts the land and people where it was take place so also the land and people where it gets deposited. The rapid erosion of soil by wind and water has been a problem since man began cultivating the land. Although it is a less emotive topic. It is a denatureted at upper layer of soil is called soil erosion.

45. Desertification:

Desertification is a man made process which is causing these natural deserts to expand catastrophically beyond their usual limits as well as causing new deserts to form in places that were once filled with life. It is defined as a process of land degradation due to various factors including climatic variation & human activities.

5) Causes of Deforestation:

1) Agricultural activities: Due to overgrowing demand for food products, huge amount of trees are felled down to grow crops.

2) Logging: Firewood and charcoal e.g. of wood being used as fuel, some of those industries there are on illegal wood and felling of trees.

3) Mining: Oil and coal mining requires considerable amount of forest land.

4) Urbanization: Overpopulation too directly affected forest cover. Therefore forest land is reclaimed.

6) Causes for Land degradation:

1) Deforestation: It is taking place due to increasing demand of timber, fuel and forest products which results into degradation of land resources.

2) Overgrazing: It results into reduced growth of vegetation, reduced diversity of plant species, soil erosion and degrades the natural quality.

3) Agricultural practices: The modern agricultural practices, excessive use of fertilization & pesticides has adversely degraded the natural quality.

4) Urbanization: Increasing growth of population & demand for more residential area cause land degradation.

STUDENT'S NAME		TOTAL MARKS OBTAINED
CLASS	SUBJECT	
ROLL NO.	DATE	

7) Non-renewable resources:

Non-renewable resources are the typical natural resources. Non-renewable resources are defined as which can be finished when we use continuously and it is cannot be reproduced after their completion.

Example: Petrol, Diesel, Coal, Gas, etc.

II. 5 marks questions:

1. Difference between Renewable and Non-renewable resources.

Renewable resources.	Non-renewable resources.
* Renewable resources are which cannot be finished when we use continuously.	* Non-renewable resources can be finished when we use continuously.
* Renewable resources can be replaced by natural process as quickly as human use them.	* Non-renewable resources cannot be replaced by natural process.
* They are non-exhaustible.	* They are exhaustible.
* In present time it's difficult to use them economically.	* They are easily usable in economically activities.
* Naturally available in large amount.	* Naturally available in less amount.
* It promotes the balance of environment.	* It disturbed the balance of environment.
* Ex: Air, water, wind etc.	* Ex: Coal, petrol, diesel.

2) Explain any two Water disputes:

1) Krishna River Water dispute

* This dispute is linked with the three states of Karnataka, Andhra Pradesh and Maharashtra

* The main basic of the dispute is associated with the Alamatti Dam constructed on river

* Krishna in the district Bijapur of Karnataka

* Its foundation was laid by the then prime minister of India Lal Bahadur Shastri in 1968.

* Issue of dispute is Karnataka wants to raise the height of dam up to 528 meters

* Andhra Pradesh's objection is that with 524.5 meter height, Karnataka would be able to stop 227 TMC water, whereas only 173 TMC water has been allotted for North Krishna river.

* Andhra Pradesh holds that several other projects constructed in the Krishna river basin would not be able to get water.

* This matter is still pending in the Supreme Court.

* According to the distribution of water decided by Bechnawat Tribunal

* Andhra Pradesh was to get 511 TMC

* Karnataka would be use 734 TMC water.

* Maharashtra could use 656 TMC water.

* 173 TMC water had been allotted for North Krishna

2) Kaveri River Water dispute.

* Kaveri is an interstate basin having its

CLASS	SUBJECT	OBTAINED
ROLL NO.	DATE	

origin in Karnataka & flowing through Tamil Nadu and Puducherry before our falling in the Bay of Bengal.

- * The states concerned are Kerala, Karnataka, Tamil Nadu and Puducherry.
- * In 1892 there was an agreement between Por 50 years till 1974.
- * In 1892 there was an agreement b/w the princely state of Mysore & British province in Madras.
- * In 1970, Tamil Nadu Government approached to central government to constitute the tribunal & also in the same year Tamil Nadu Farmers Associated filed a civil made a formal request to constitute the tribunal.
- * In 1990, the tribunal was set up on the directions of supreme court.
- * In 1991 Karnataka government so as to ensure 205 TMC of water into meter reservoir of Tamil Nadu.
- * Karnataka government refuse to obey interim award.
- * The tribunal announced its final order in 2007 allocating 419 TMC water to Tamil Nadu & 270 TMC water to Karnataka.
- * Kerala was given 30 TMC & Puducherry got 7 TMC.
- * Both Karnataka & Tamil Nadu filed review against petition in supreme court.

3) Explain forest ecosystem.

Interaction b/w biotic and abiotic factors is called forest ecosystem.

* Types of forests:

1) Coniferous forests:

- * Grow in the Himalayan mountain region.
- * Temperature is low.
- * Have tall trees with needle like leaves & downward sloping branches so that snow slip off branches.
- * Have cones instead of seeds & are called gymnosperm.

2) Branched leaved forests

Branched leaved forests have large leaves of various shapes & have several types.

3) Evergreen forests.

- * Grow in the high rainfall areas of Western ghats, North Eastern & Andaman & Nicobars islands. monsoon lasts for several months.
- * No leafless phase.
- * Only shade loving forests tree can grow in the ground layer as canopy few months.

4) Deciduous Forests:

- * Lasts for only few months.
- * Are around in balanced amount of seasonal rainfall.
- * Light can penetrate easily onto forests floor.

5) Mangrove Forests

- * Grow along coasted especially in river deltas have breathing roots.

- * Prevents soil erosion

- * Uses of forest ecosystems:

- * Fruits

- * Fodder

- * Flowers

- * Wood

- * Food

- * Gum

- * Medicines

- * Raw material for variety.

Threats to the forest ecosystem:

- * Deforestation
- * Poaching
- * Overexploitation
- * Development activities
- * Fragmentation.
- * Habitual degradation

Services provided by the forest ecosystem:

- * Control flow water.
- * Prevent soil erosion.
- * Control temperature
- * Absorb CO_2

Conservation of forest ecosystem.

- * Use resources carefully
- * Afforestation
- * Control population
- * NP and Wildlife sanctuaries.



KLE Society's
Basavaprabhu Kore Arts, Science and Commerce College,
Chikodi – 591 201.

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)

Department of Chemistry

A PROJECT REPORT
ON
“PROTON NMR STUDIES OF SOME ORGANIC
COMPOUNDS”

Submitted by

Students Name	Registration No.
1. ArpitaPatil	S1816636
2. Akshata Rajput	S1816618
3. Ankita Chougule	S1816634
4. RohiniPanake	S1816747
5. ShivaniPathole	S1816794

Project Supervisor
Mrs.D.S.Kanagali



**KLE Society's
Basavaprabhu Kore Arts, Science and Commerce College,
Chikodi – 591 201.**

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)


CERTIFICATE

Date: 20-08-2021

This is to certify that the following B.Sc. VI semester students, Department of Chemistry of K.L.E S' BasavaprabhuKore Arts, Science and Commerce College Chikodi, have successfully completed the project work titled **"PROTON NMR STUDIES OF SOME ORGANIC COMPOUNDS"** during the year 2020-21.

Name of the students	Register Number
Arpita Patil	S1816636
Akshata Rajput	S1816618
Ankita Chougule	S1816634
Rohini Panake	S1816747
Shivani Pathole	S1816794


Mrs.D.S.Kanagali
Project Coordinator


Prof.S.S.Patil
Head of the Department


Prof.U.R.Rajput
Principal

ACKNOWLEDGEMENT

We express our profound gratitude and sincere thanks to our beloved teacher and project supervisor **Daneshwari S Kanagali** Chemistry Department, KLE Society's Basavaprabhu Kore Arts, Science and Commerce College Chikodi. It gives us a great pleasure to acknowledge the dedicated efforts, sustained interests, affection and all kinds of encouragement that we have received from him, throughout our project work.

We are extremely thankful to **Shri. U. R. Rajput**, Principal, KLE Society's Basavaprabhu Kore Arts, Science and Commerce College Chikodi and **Prof. S. S. Patil**, Head, Department of Chemistry for providing all the necessary facilities during our project work. We would also like to thank **Dr S.M.Patil, Smt. Smt G. B. Jambagi, Miss. S D Kotabagi Shri. Shantinath S. Latthe, Dr S.S.Kumbhar Shri.V.B.Kole** and all the teachers of Department of Chemistry KLE's B K College Chikodi, for their keen interest, valuable discussion, everlasting encouragement, inspiring guidance and incessant help.

We specially want to thank our dear colleagues for team work, valuable discussion and cooperation.

We thank all the non-teaching staff for their help during our project work.

We owe our special gratitude to **parents**; whose blessings sacrifices and moral support made this endeavour of our reality.

Finally, we thank all those who helped us directly or indirectly to complete this work.

Date: 20-08-2021

- | | |
|---------------------------|-----------------|
| 1. ArpitaPatil | S1816636 |
| 2. Akshata Rajput | S1816618 |
| 3. Ankita Chougule | S1816634 |
| 4. RohiniPanake | S1816747 |
| 5. ShivaniPathole | S1816794 |

CONTENT

Sl No.	Title	Page.No.
1.	Introduction	01-02
2.	Analysis of the spectra	03-08
3.	Result and Discussion References	09

Introduction to Spectroscopy:

It is an analytical technique concerned with studying of the interaction of electromagnetic radiations with matter in order to determine the structure. It is the measurement of responses and an instrument which performs such measurements is a spectrometer or spectrograph.

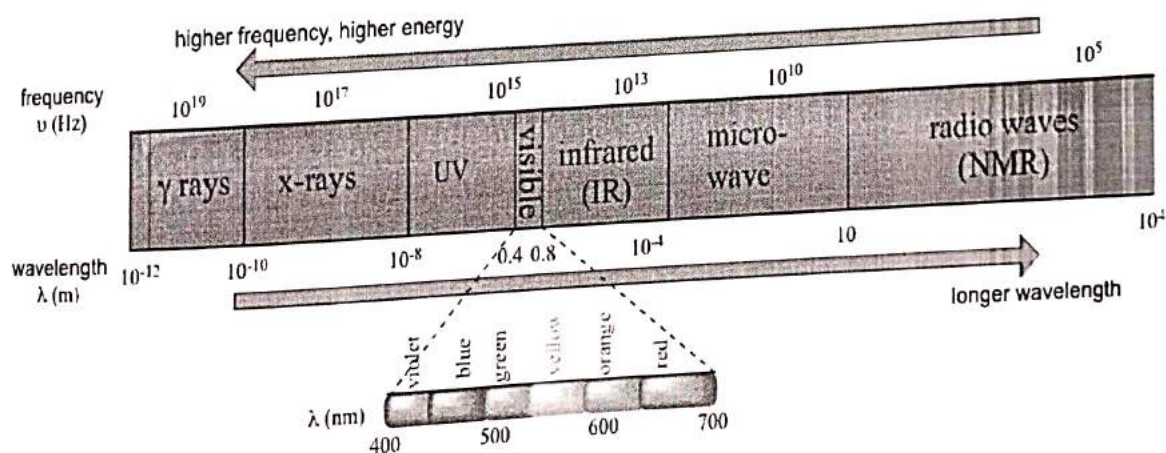
Types of Spectroscopy

UV -Visible Spectroscopy- Uses electronic transition to determine the bonding patterns.

Infrared Spectroscopy- Measure the bond vibration frequencies in a molecule and is used to determine the Functional groups

Nuclear Magnetic Resonance-(NMR) spectroscopy analyses the environment of the hydrogen in a compound. This gives useful clues as to the alkyl and other functional groups present.

Mass spectroscopy- It fragments the molecule and measures their mass. MS can give the molecular weight and functional groups.



Introduction to NMR

The study of absorption of radio frequency radiations by nuclei in a magnetic field is called Nuclear Magnetic Resonance.

It involves change of the spin state of a nucleus, when the nucleus absorbs electromagnetic radiation in a strong magnetic field. The source of energy in NMR is radio waves which have longer wavelengths, and thus low energy and frequency. When low energy radio waves interact with a molecule, they can change the nuclear spin of the elements having $s = \frac{1}{2}$, including ^1H and ^{13}C .

Types of NMR

Two common types of organic spectroscopy are used to characterize organic structure:

1. ^1H NMR- Used to determine the type and number of H atoms in a molecule.
2. ^{13}C NMR- Used to determine the type of carbon atoms in a molecule.

Proton NMR:

Range-It is a technique which is based on the absorption of electromagnetic radiation in radio frequency region 4 to 900 MHz by nuclei of the atoms. It can give information about the structure of any molecule containing hydrogen atoms.

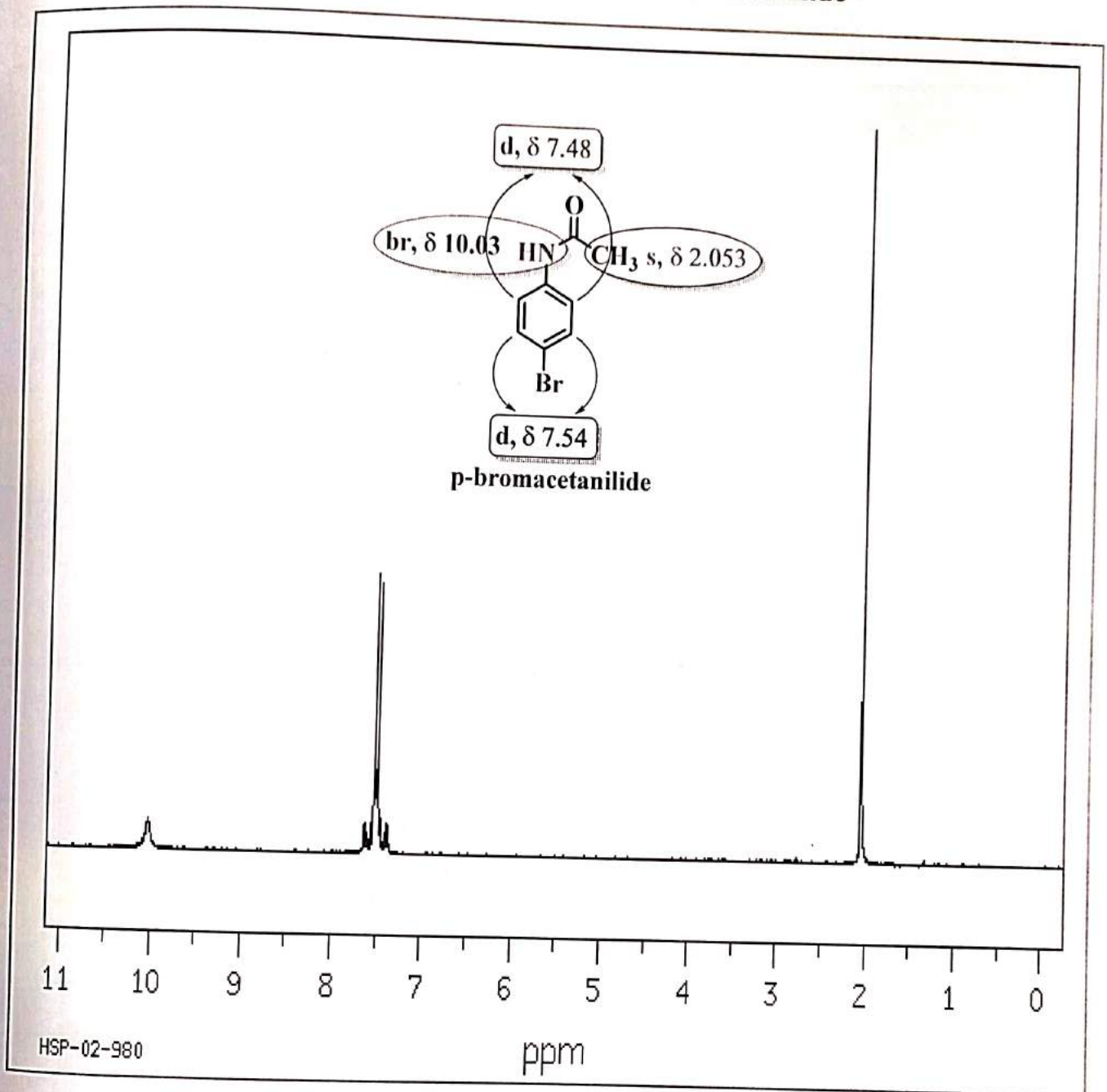
Gases Used- For instrumentation maintenance Helium and Nitrogen gases are commonly used.

Solvents used- Generally deuterated chloroform (CDCl_3) is used as a solvent, DMSO- d_6

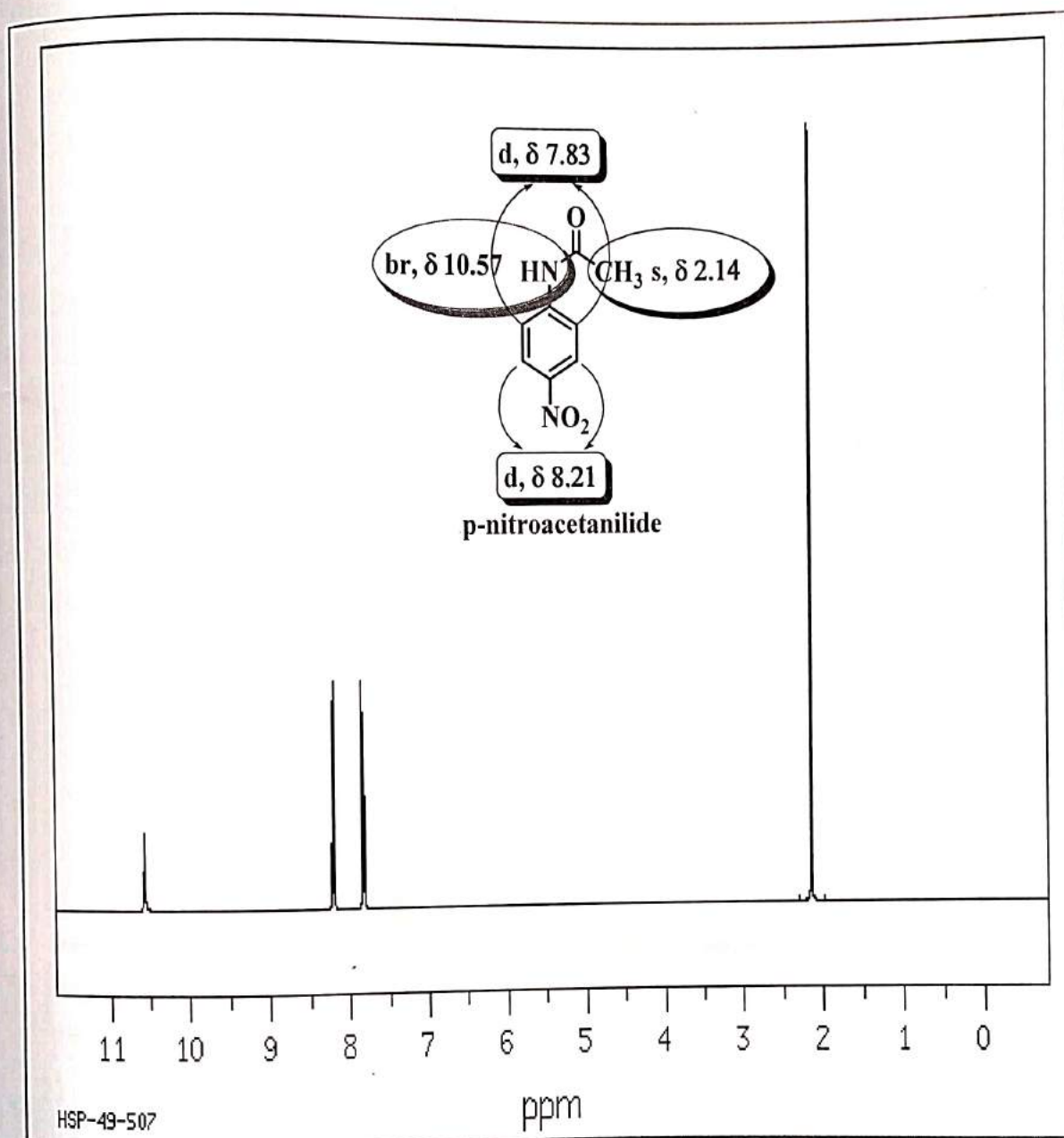
The Following compounds prepared during the 5th semester organic practicals are allowed for the ^1H NMR analysis

1. 4-Bromoacetanilide.
2. 4-Nitroacetanilide
3. Acetanilide
4. 1,3-Dinitrobenzene
5. Nitrobenzene

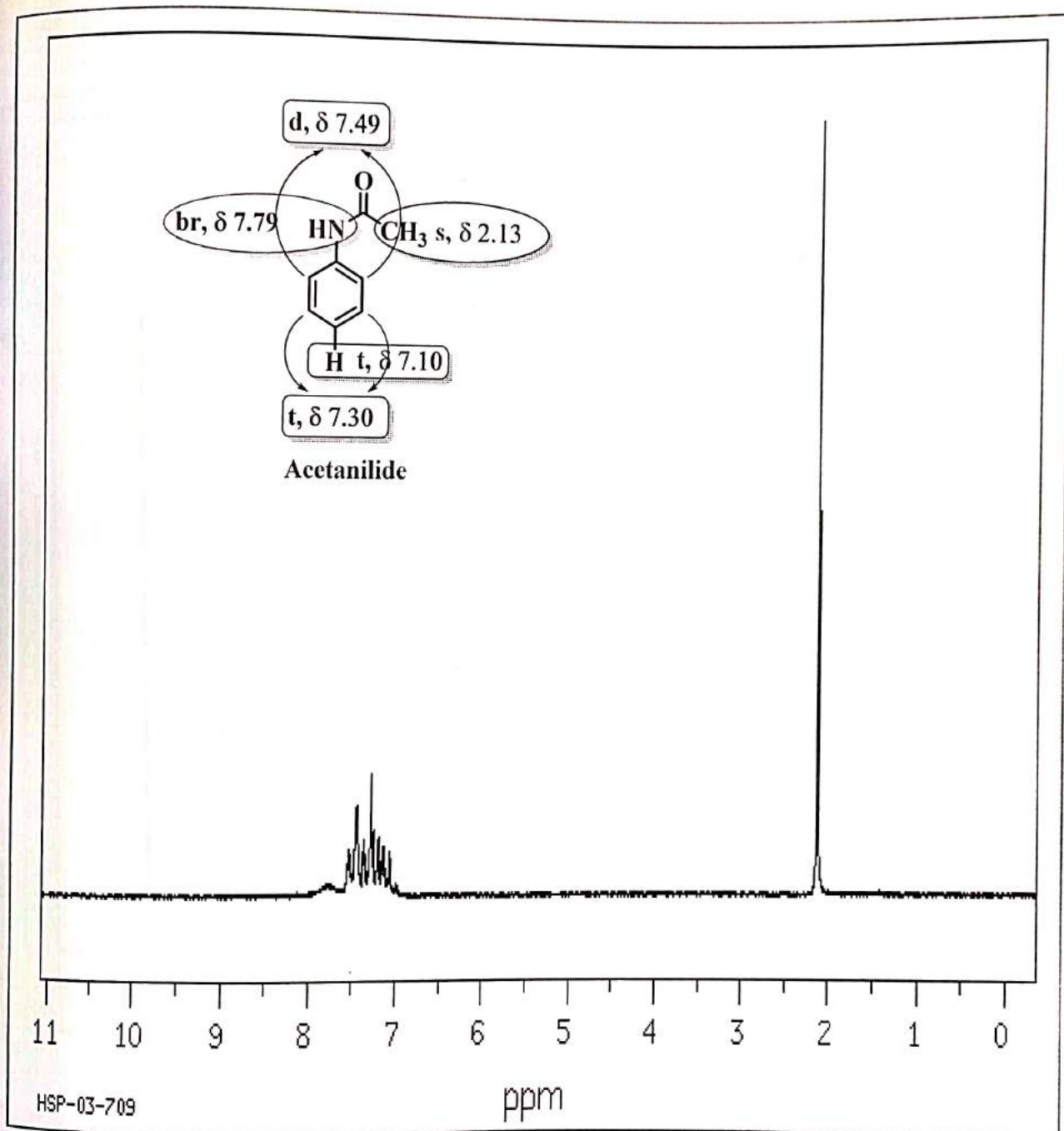
1. Proton NMR spectrum of 4-Bromoacetanilide



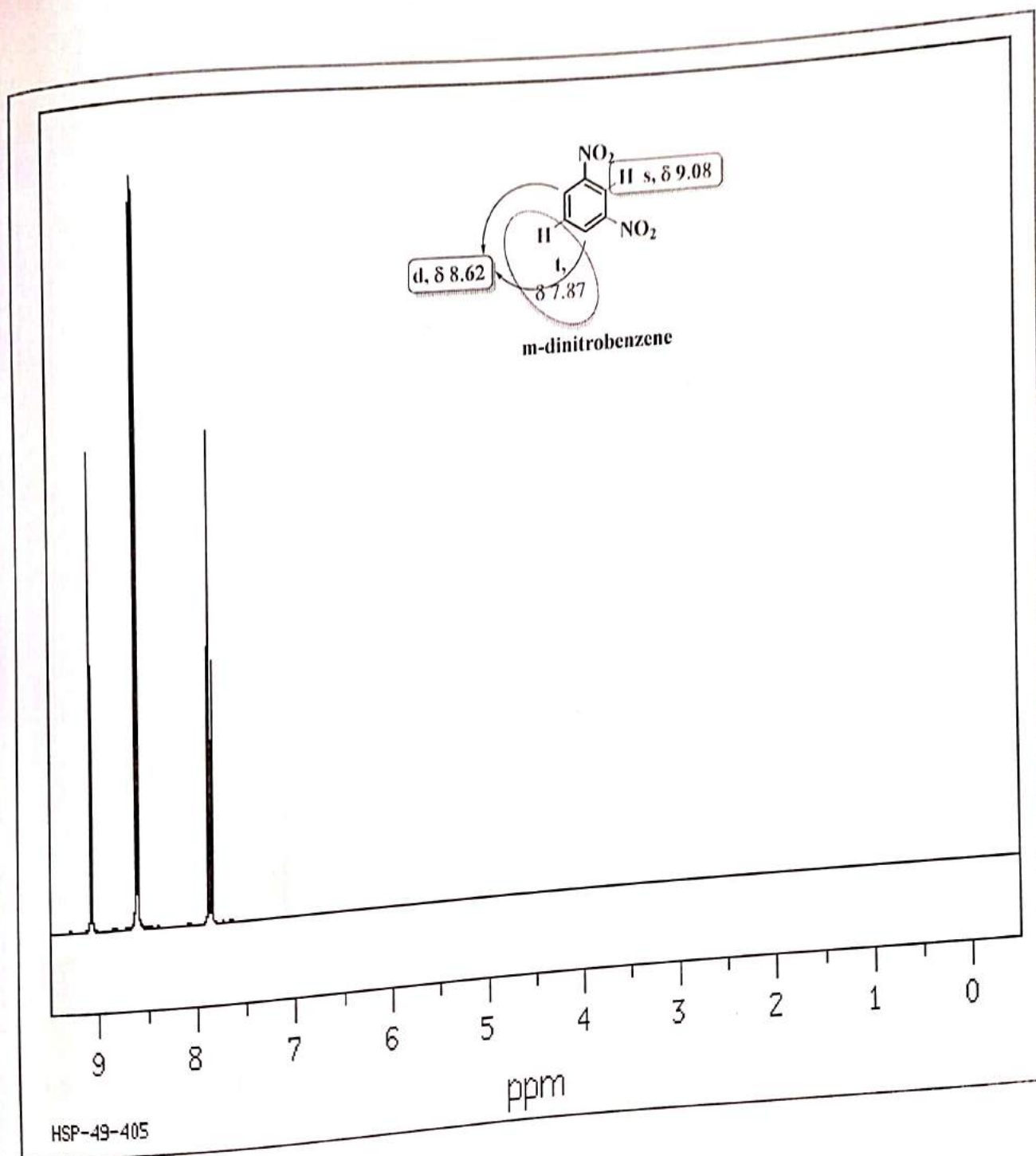
2. Proton NMR spectrum of 4-Nitroacetanilide



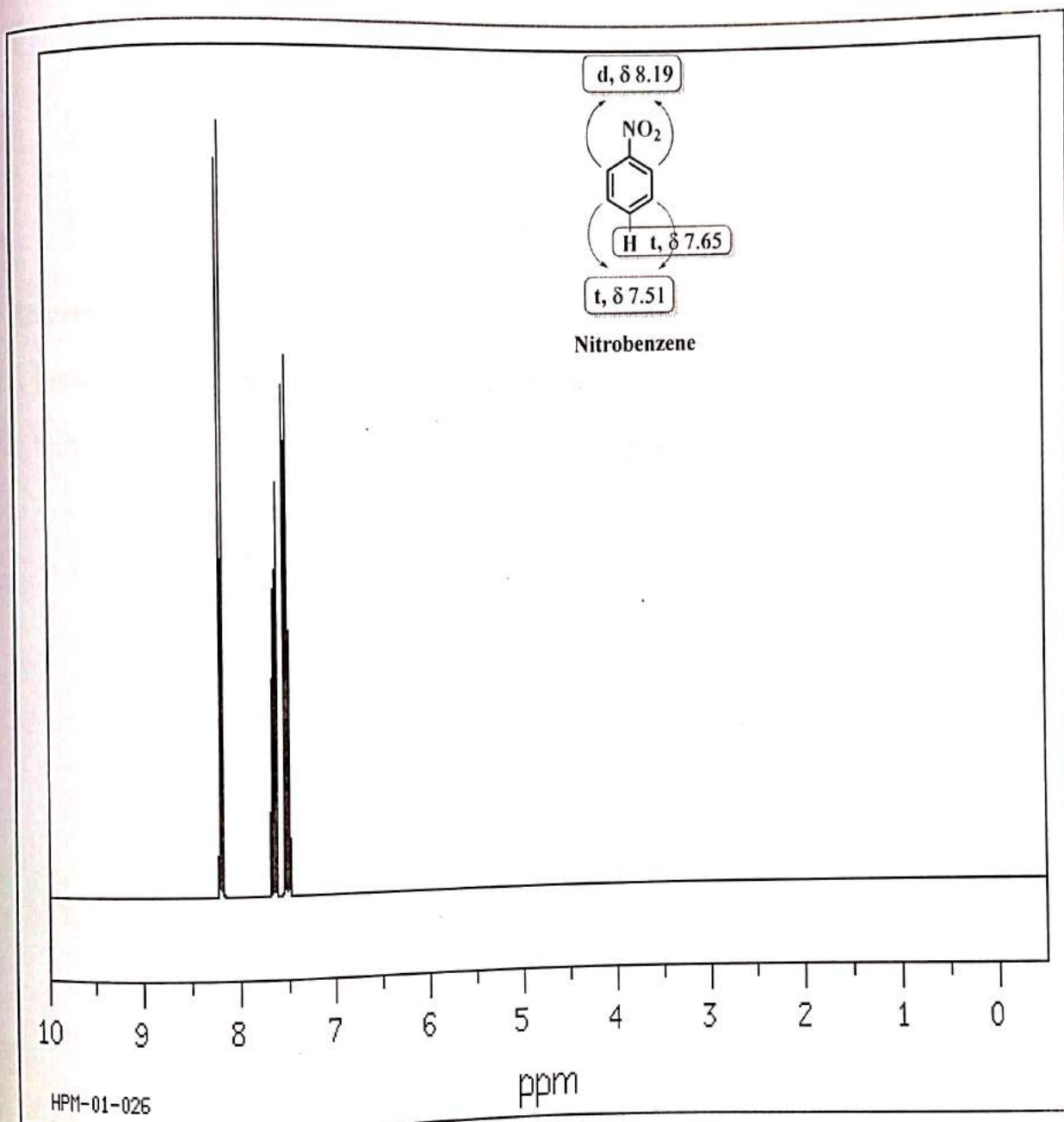
3. Proton NMR spectrum of Acetanilide



4. Proton NMR spectrum of 1, 3-Dinitrobenzene



5. Proton NMR spectrum of Nitrobenzene



Result and Discussion:

The above-mentioned compounds have been analyzed for their P-NMR studies, the number of proton peaks in the spectrum corresponds to number of protons present in the molecule.

References:

1. Introduction to Organic Spectroscopy by Pavia.
2. Spectroscopic identification of Organic Compounds by Silverstein



K.L.E. Society's

**Basavaprabhu Kore Arts, Science and Commerce College,
Chikodi – 591 201.**

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)

Department of Chemistry

A PROJECT REPORT

On

“Infra Red Spectroscopic studies of organic compounds”

Submitted by

Students Name	Registration No.
1. Karan Jadhav	S1816665
2. Deepak Jakate	S1816651
3. Akshata Metri	S1816615
4. Amruta Shinde	S1816631
5. Rutuja Managave	S1816750

Project Supervisor

Mrs. G. B. Jambagi



**K.L.E. Society's
Basavaprabhu Kore Arts, Science and Commerce College,
Chikodi – 591 201.**


(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)


Date:16-08-2021


CERTIFICATE

This is to certify that the following B.Sc. VI semester students, Department of Chemistry of K.L.E'S Basavaprabhu Kore Arts, Science and Commerce College Chikodi, have successfully completed the project work entitled "**Infra-Red Spectroscopic studies of some organic compounds**" during the year 2020-21.

Name of the students	Register Number
1. Karan Jadhav	S1816665
2. Deepak Jakate	S1816651
3. Akshata Metri	S1816615
4. Amruta Shinde	S1816631
5. Rutuja Managave	S1816750


Mrs. Gayatri B. Jambagi
Project Coordinator


Prof. S. S. Patil
Head of the Department


Prof. U. R. Rajaput
Principal

ACKNOWLEDGEMENT

We express our profound gratitude and sincere thanks to our beloved teacher and project supervisor **Smt G. B. Jambagi**, Chemistry Department, KLE Society's Basavaprabhu Kore Arts, Science and Commerce College Chikodi. It gives us a great pleasure to acknowledge the dedicated efforts, sustained interests, affection and all kinds of encouragement that we have received from him, throughout our project work.

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Date: 16-08-2021

- 1.Karan Jadhav
- 2.Deepak Jakate
- 3.Akshata Metri
- 4.Amruta Shinde
- 5.Rutuja Managave

CONTENT

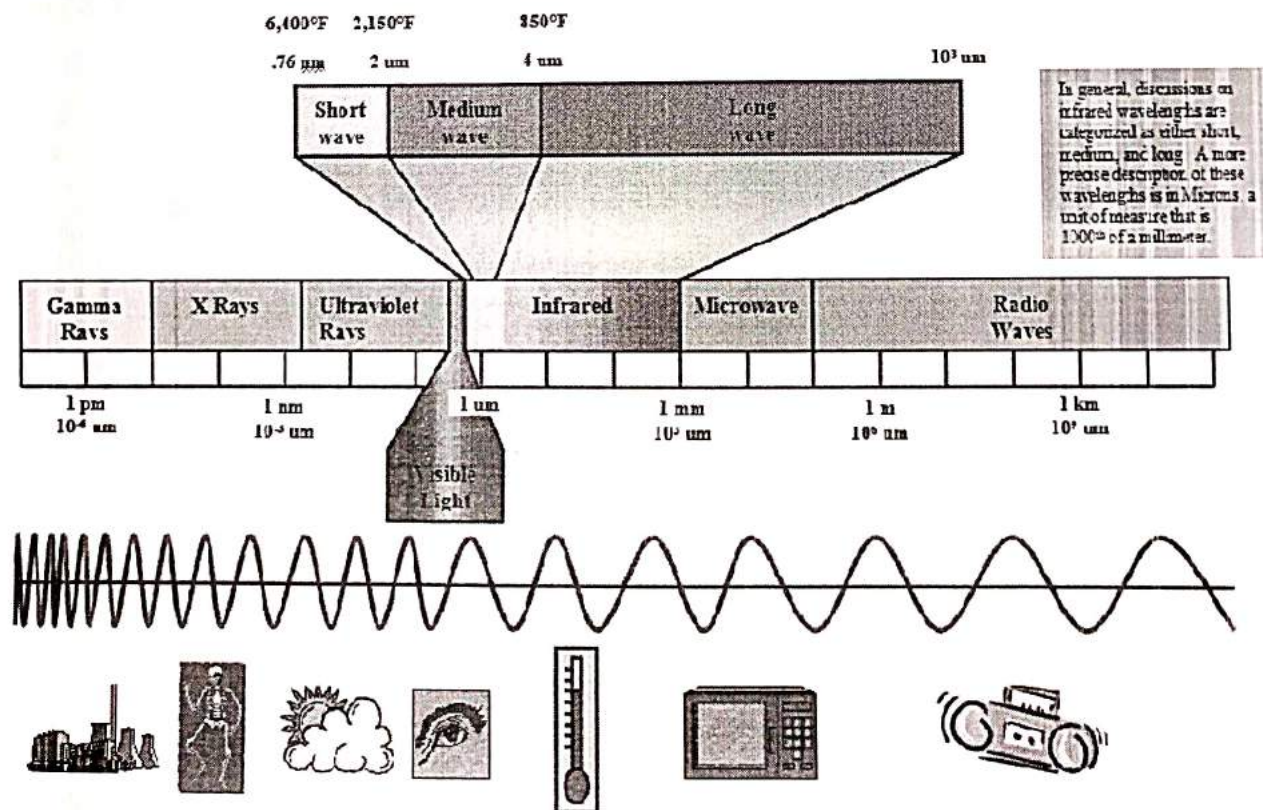
Sl No.	Title	Page No.
1.	Introduction	01
2.	List of organic compounds	02
3.	Nitrobenzene	03
4.	m-dinitrobenzene	04
5.	Acetanilide	05
6.	p-nitroacetanilide	06
7.	P-bromoacetanilide	07
8.	Conclusion	08

Introduction:

Spectroscopy, study of the absorption and emission of light and other radiation by matter, as related to the dependence of these processes on the wavelength of the radiation.

Spectroscopic techniques are extremely sensitive. Single atoms and even different isotopes of the same atom can be detected among 10^{20} or more atoms of a different species.

Spectroscopy is used as a tool for studying the structures of atoms and molecules. The large number of wavelengths emitted by these systems makes it possible to investigate their structures in detail, including the electron configurations of ground and various excited states.



ELECTROMAGNETIC SPECTRUM

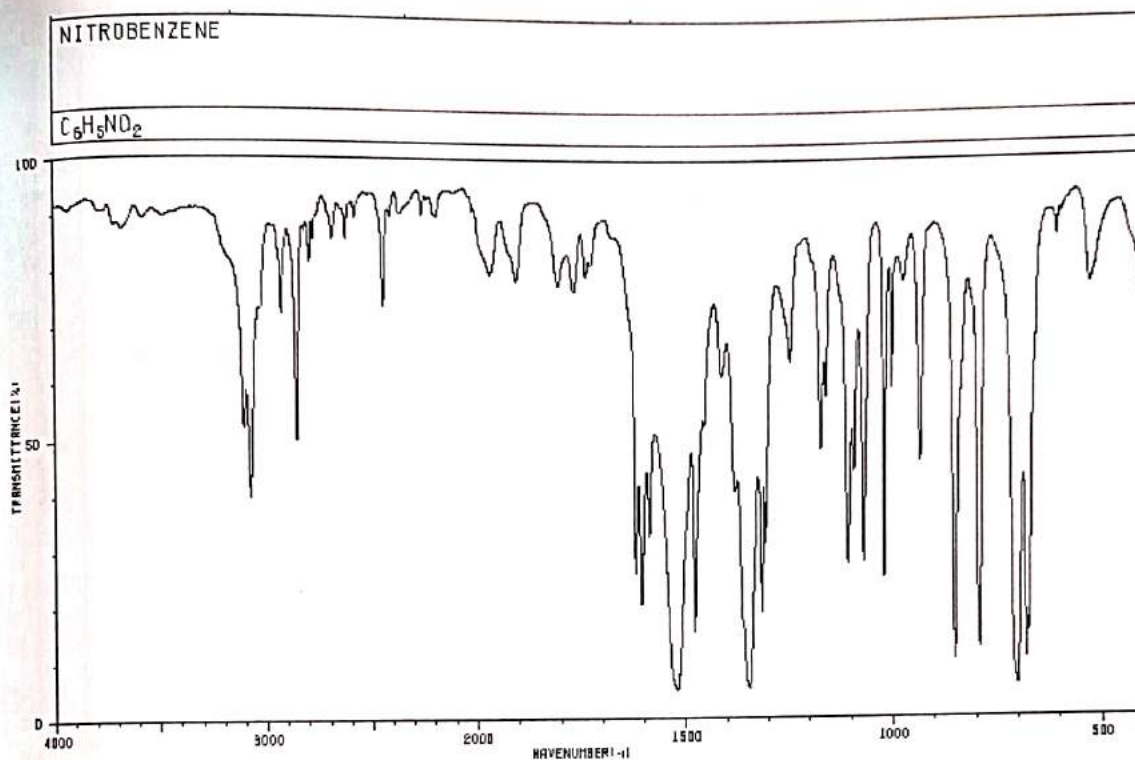
Infrared (IR) spectroscopy is one of the most common spectroscopic techniques used to determine the chemical functional groups in the sample. Different functional groups absorb characteristic frequencies of IR radiation. Using various sampling accessories, IR spectrometers can accept a wide range of sample types such as gases, liquids, and solids. Thus, IR spectroscopy is an important and popular tool for structural elucidation and compound identification.

IR Frequency Range and Spectrum Presentation

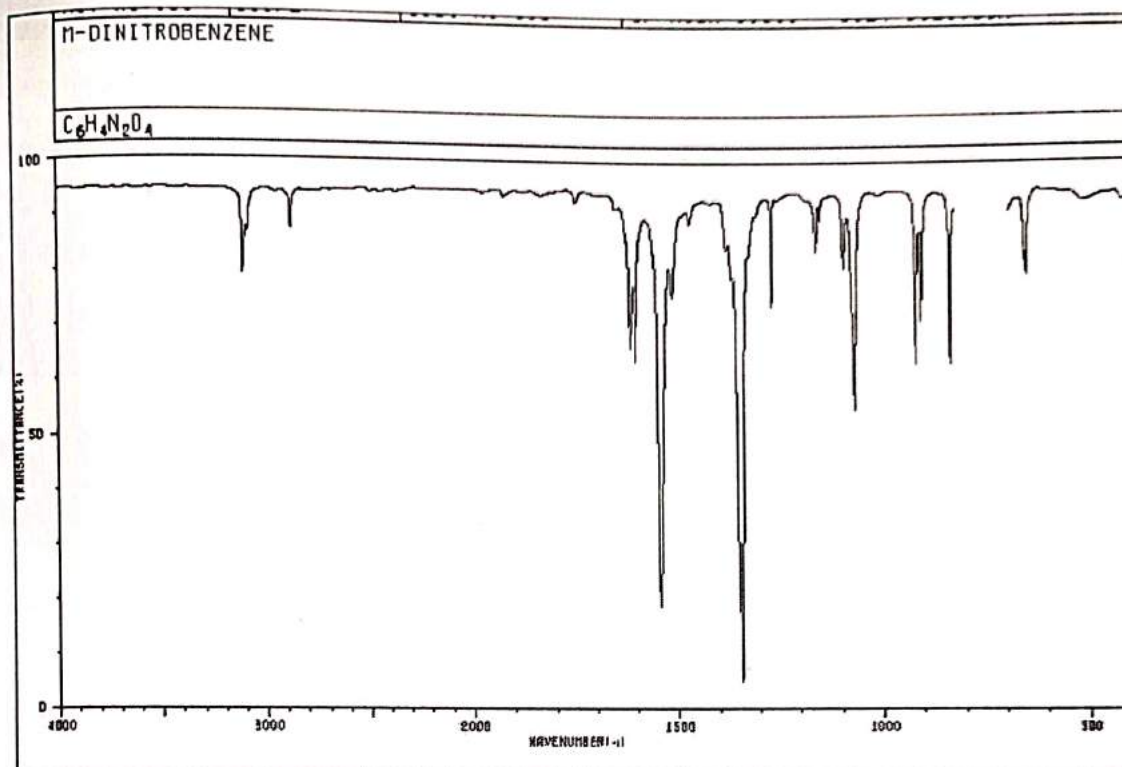
Infrared radiation spans a section of the electromagnetic spectrum having wave numbers from roughly 13,000 to 10 cm^{-1} , or wavelengths from 0.78 to 1000 μm . It is bound by the red end of the visible region at high frequencies and the microwave region at low frequencies.

IR absorption positions are generally presented as either wavenumbers (cm^{-1}) or wavelengths (μm).

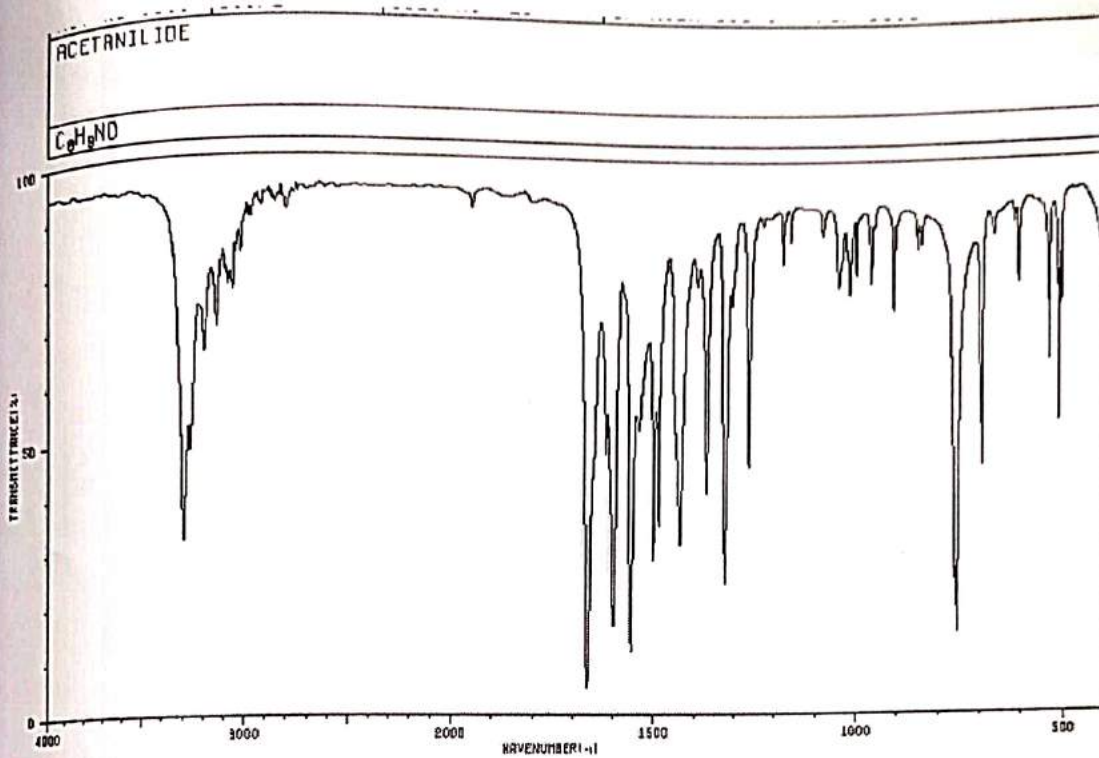
- Nitrobenzene
- M-dinitrobenzene
- Acetanilide
- P-nitroacetanilide
- P-bromoacetanilide



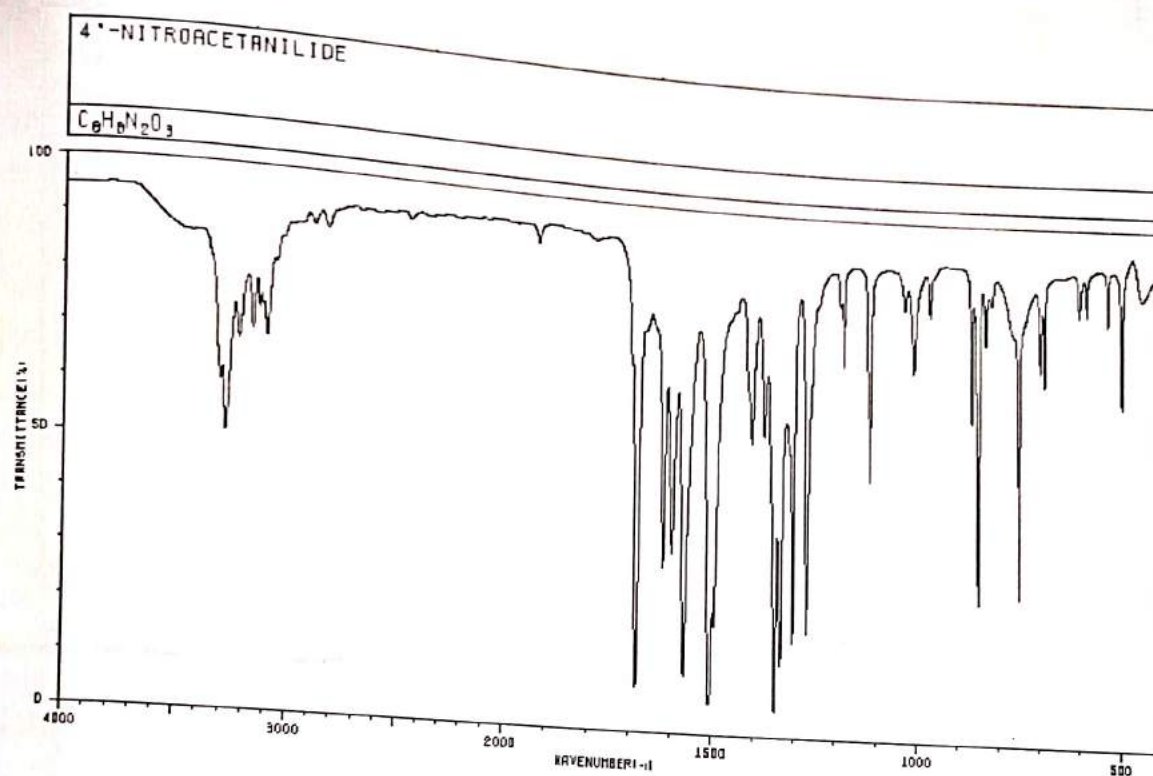
Chromophore	Range of Absorption in cm ⁻¹
C-H	2950
C=C	1450
C-C	1100
N=O	1350
O=N-O	1350 Symmetric stretching 1550 Asymmetric stretching



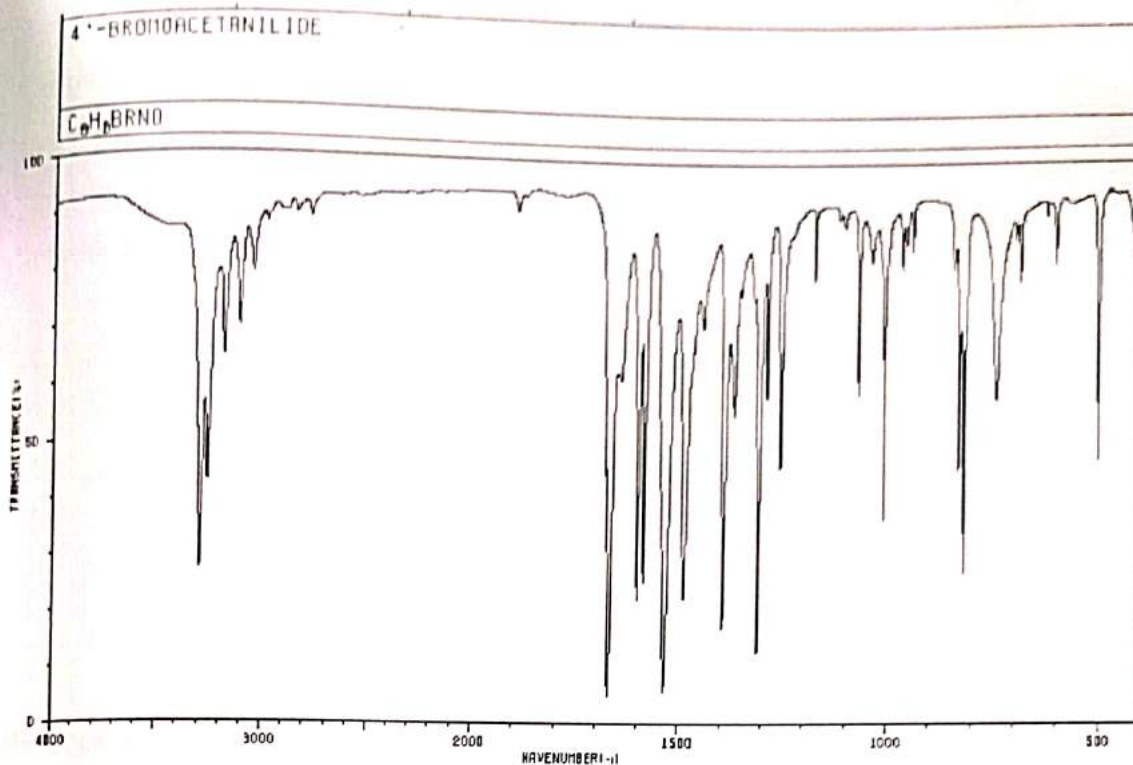
Chromophore	Range of absorption in cm^{-1}
C-H	3000
C=C	1650
C-C	1100
N=O	1350
O=N-O	1350 Symmetric stretching 1550 Asymmetric stretching



Chromophore	Range of absorption in cm^{-1}
C-H	3100
C=C	1650
C-C	1100
N=O	1350
O=N-O	1350 Symmetric stretching 1550 Asymmetric stretching
C=O	1680



Chromophore	Range of absorption in cm-1
C-H	3100
C=O	1680
C-C	1100
N=O	1350
O=N-O	1350 Symmetric stretching 1550 Asymmetric stretching
N-H	3300



Chromophore	Range of absorption in cm ⁻¹
C-H	3100
C=C	1650
N=O	1350
O=N-O	1350 Symmetric stretching 1550 Asymmetric stretching
C≡N	2250
N-H	3300
C-Br	600
C=O	1695

Conclusion:

The above-mentioned compounds have been analyzed for their IR studies. The vibrational frequencies are mentioned for respective compounds and confirmed their functional groups.

References:

1. Internet source
2. Elementary organic spectroscopy Y.R.Sharma
3. Introduction to Organic Spectroscopy by Lampman, Pavia
4. Spectroscopy of organic compounds by P.S.Kalsi




K.L.E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI-591201
Re-accredited with "A+" grade by NAAC with 3.42 CGPA in 4th Cycle

www.klesbkclegechikodi.edu.in, e-mail: kles_bkcc@rediffmail.com ☎ : 08338 - 272176


Date: 20.09.2022

Student Project Details, 2021-22

Sl.no	Year	Student Name	Reg.No	Guided By	Topic
1	2022	Dhanashri B Hiremath Vani M Munnoli	BT201403 BT201414	Dr.Vidya V. Kamble	Fourier transform infrared Spectroscopy studies, Phytochemical and antioxidant activity in <i>Ziziphus nummularia</i> (Burm.Fil.) Wight & Arn
2	2022	Madhuri A. Bhivase Shahida D. Desai	BT201404 BT201410	Dr. Vidya V. Kamble	Assessment of carbon sequestration potential of tree species in Nippani town, Belagavi
3	2022	Ashwini S.Kakamari Rohini P.Tharapatti Swati M.Tawadare Vinaya A.Gharabude	BT201401 BT201408 BT201413 BT201419	Dr. Vidya V. Kamble	FTIR analysis phytochemical and antioxidant activity of <i>Embellia tsjeriam</i> Cottam (Roem.and Schult.)A.Dc.
4	2022	Masum Panwale Pallavi Thorushe Shukrata Zhunjarwade Varsha Karagar	BT201405 BT201407 BT201411 BT201416	Miss. Anjali A. Hajeri	Antioxidant assay of <i>Indigofera colutea</i> (Burm.F.) Merr (Fabaceae)
5	2022	Vijaykumar Belakoppad Vinod S.Kuri	BT201418 BT201420	Dr. Veerabhadra Swamy	Assessment of phyllosphere microflora and arbuscular mycorrhizal fungi in Amaryllidaceae family species
6	2022	Soumya Shedbale Varsha Kagawad	BT201418 BT201418	Dr. Veerabhadra Swamy	Arbuscular mycorrhizal fungi
7	2022	Megha Paramashetti Rutuja Patil	BT201406 BT201409	Dr. Veerabhadra Swamy	Pharmacognostic and phytochemical evaluation of leaf and stem of <i>Plumbago auriculata</i> and <i>Plumbago zeylanica</i>


THE CO-ORDINATOR
P. G. Department of Botany
B. K. College, Chikodi.




PRINCIPAL
KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201



K.L.E.Society's
Basavprabhu Kore Arts, Science And Commerce College,
Chikkodi - 591201 District - Belagavi (Karnataka state, India)
(ACCREDITED AT 'A' GRADE BY NAAC WITH CGPA OF 3.42 IN THE FOURTH CYCLE)


Department of Zoology (2021 - 22)

PROJECT WORK COMPLETION CERTIFICATE

This is to certify that following B.Sc Sixth year students have undertaken the project entitled "Survey on commonly used painkillers around selected Chikodi villages" in-partial fulfillment of the syllabus (Paper-II) of Rani Channamma University, Belagavi during the year 2021-22. Following fifty three students have successfully completed the said project under the guidance of Dr Sridevi I Puranik.

Sl.No	Exam Reg Number	Name of the student	Signature
1	S1916607	AISHWARYA DAYANAND SANE	<i>A.Sane</i>
2	S1916609	AKANKASHA BABAGOUDA PATIL	<i>Apatil</i>
3	S1916612	AKKINI VINOD SRINIVAS	<i>V.Srinivas</i>
4	S1916633	BASAVARAJ ANNASAB CHOUGALE	<i>B.Chougale</i>
5	S1916639	D DASARI VINAY RAMAKRISHNA	<i>D.Vinay</i>
6	S1916650	ISHA PRAVEEN JAIN	<i>Ishaji</i>
7	S1916651	JEEVAN RAMESH KAGALE	<i>J.Kagale</i>
8	S1916656	KAVERI SUBHAS KHOT	<i>Khot.</i>
9	S1916659	KAVITA ANIL SHIPURAKAR	<i>K.A.Shipurkar.</i>
10	S1916660	KEERTI MALLESHI GADIWADDAR	<i>K.Gadiwaddar</i>
11	S1916664	KRUTIKA BASAVARAJ KALLATTI	<i>K.Kallatti</i>
12	S1916666	LAXMI PUNDALIK NAIK	<i>L.Naik</i>
13	S1916667	MADHU RAVIKUMAR RAMALAD	<i>M.Ramalad</i>
14	S1916670	MANALI MANIK PATIL	<i>M.Patil</i>
15	S1916679	NANDINI MAHANTESH MAGADUM	<i>N.Magadum</i>
16	S1916680	NAVEEN RAVASAB SADALAGI	<i>N.Sadalagi</i>
17	S1916683	NIKHIL VIJAY NAIK	<i>N.Naik</i>
18	S1916692	POOJA ANNASAB KUMBAR	<i>P.Kumbar</i>

19	S1916694	POOJA RAJAGOUDA PATIL	P. R. Patil
20	S1916699	PRAMOD BIARAMAPPA JAGANURE	P. Jagannure
21	S1916719	RAKSHITA RAJU BINDAGE	R. Bindage
22	S1916729	ROIINI RAJU BADIGER	R. Badiger
23	S1916736	SAGAR BAPU HERWADE	S. Herwade
24	S1916738	SAHANA BASAVARAJ HANJI	S. Hanji
25	S1916739	SAMIKSHA MILIND PATIL	S. Patil
26	S1916742	SANDESH ASHOK ZALAKE	S. Zalake
27	S1916763	SHREESH PRASAD KULKARNI	S. Kulkarni
28	S1916773	SOUMYA PATTANSHETTI	S. Patil
29	S1916777	SUCHITA SUNIL HAVALE	S. S. Havale
30	S1916781	SUHAS R	S. R.
31	S1916782	SUHASINI SIDRAM KABADAGI	S. Kabadagi
32	S1916783	SUPRIYA CHALAWADI	S. Chalawadi
33	S1916796	TEJESWINI SANJEEV KILLEDAR	T. Killedar
34	S1916807	VASUNDHARA KRISHNA GHATAGE	V. Ghatage
35	S1916811	VIKAS MARUTI KAMBLE	V. Kamble
36	S1916812	VINAYAK PRAKASH BENADE	V. Benade
37	S1916815	VINUTA UTTAM KAMBLE	V. U. Kamble
38	S1919100	TUKARAM KAREPPA GADDI	T. Gaddi


Dr Sridevi I Puranik
 PROJECT GUIDE
 &
 HOD
 HEAD
 DEPARTMENT OF ZOOLOGY


 IQAC Coordinator


Prof U R Rajput
 PRINCIPAL
 KLES'S Basavaprabhu Kore
 Arts, Science and Commerce College
 CHIKODI - 591 201




Department of Zoology (2021 - 22)

PROJECT WORK COMPLETION CERTIFICATE

This is to certify that following B.Sc Sixth Semester students have undertaken the project entitled **"Study on local breeds of Buffalo of Chikodi Taluk"** in-partial fulfillment of the syllabus (Ppaer I) of Rani Channamma University, Belagavi during the year 2021-22. Following fifty three students have successfully completed the said project under the guidance of Dr Sridevi I Puranik.


Sl. No	Exam Reg. Number	Name of the student	Signature
1	S1916607	AISHWARYA DAYANAND SANE	<i>Ashwary</i>
2	S1916609	AKANKASHA BABAGOUDA PATIL	<i>Apatil.</i>
3	S1916612	AKKINI VINOD SRINIVAS	<i>Akkin</i>
4	S1916633	BASAVARAJ ANNASAB CHOUGALE	<i>Bhougale</i>
5	S1916639	D DASARI VINAY RAMAKRISHNA	<i>D. Dasari</i>
6	S1916650	ISHA PRAVEEN JAIN	<i>P. Shari.</i>
7	S1916651	JEEVAN RAMESH KAGALE	<i>Jeevan</i>
8	S1916656	KAVERI SUBHAS KHOT	<i>Khot</i>
9	S1916659	KAVITA ANIL SHIPURAKAR	<i>K.A. shipurkar.</i>
10	S1916660	KEERTI MALLESHI GADIWADDAR	<i>Keerti</i>
11	S1916664	KRUTIKA BASAVARAJ KALLATTI	<i>Kallatti</i>
12	S1916666	LAXMI PUNDALIK NAIK	<i>Laxmi</i>
13	S1916667	MADHU RAVIKUMAR RAMALAD	<i>Madhu</i>
14	S1916670	MANALI MANIK PATIL	<i>Manali</i>
15	S1916679	NANDINI MAHANTESH MAGADUM	<i>Nagadum</i>
16	S1916680	NAVEEN RAVASAB SADALAGI	<i>N. Sadalagi</i>
17	S1916683	NIKHIL VIJAY NAIK	<i>Nikhil</i>
18	S1916692	POOJA ANNASAB KUMBAR	<i>Pooja</i>

19	S1916604	POOJA RAJAGOURDA PATIL	P. R. Patil
20	S1916609	PRAMOD BHARAMAPPA JAGANURI	P. Jagannur
21	S1916719	RAKSHITA RAJU BINDAGE	R. Bindage
22	S1916720	ROHINI RAJU BADIGER	R. Badiger
23	S1916736	SAGAR BAPU HERWADI	S. Herwadi
24	S1916738	SAHANA BASAVARAJ HANJI	S. Hanji
25	S1916739	SAMIKSHA MI IND PATIL	S. Patil
26	S1916742	SANDESH ASHOK ZALAKE	S. Zalake
27	S1916763	SHREESH PRASAD KULKARNI	S. Kulkarni
28	S1916773	SOUMYA PATTANSHETTI	S. Shetti
29	S1916777	SUCHITA SUNIL HAVALE	S. S. Havale
30	S1916781	SUHAS R	S. R.
31	S1916782	SUHASINI SIDRAM KABADAGI	S. Kabadagi
32	S1916783	SUPRIYA CHALAWADI	S. Chalawadi
33	S1916796	TEJESWINI SANJEEV KILLEDAR	T. Killedar
34	S1916807	VASUNDHARA KRISHNA GHATAGE	V. Ghatage
35	S1916811	VIKAS MARUTI KAMBLE	V. Kamble
36	S1916812	VINAYAK PRAKASH BENADE	V. Benade
37	S1916815	VINUTA UTTAM KAMBLE	V. U. Kamble
38	S1919100	TUKARAM KAREPPA GADDI	T. Gaddi


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KLES'S Basavaprabhu Kore
Arts, Science and Commerce College
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**K. L. E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE COLLEGE,
CHIKODI-591201**

PG DEPARTMENT OF COMMERCE AND MANAGEMENT



**A PROJECT REPORT ENTITLED
"A STUDY ON BUYING BEHAVIOR OF CONSUMERS TOWARDS HERO
MOTOCORP"**

AT

M/S. SHREE RENUKA MOTORS, CHIKODI

Submitted to

RANI CHANNAMMA UNIVERSITY, BELAGAVI



**FOR THE PARTIAL FULFILMENT OF DEGREE IN MASTER OF COMMERCE
DURING THE ACADEMIC YEAR 2021-2022**

SUBMITTED BY

Miss. Jyoti Kanade

M.COM-IV SEMESTER REGISTER NO: MC201605

UNDER THE GUIDANCE OF

MISS. RACHANA V.

K.L.E. SOCIETY'S
BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE COLLEGE,
CHIKODI-591201

PG DEPARTMENT OF COMMERCE AND MANAGEMENT



CERTIFICATE

This is to certify that **Miss. Jyoti Kanade** has satisfactorily completed the Project Report Entitled "A Study on Buying Behavior of Consumers towards Hero Motocorp" with special reference to M/s. Shree Renuka Motors, Chikodi for the partial fulfillment of Degree in **Master of Commerce** in Rani Channamma University, Belagavi during the academic year 2021-2022.

MISS. RACHANA V.

PROJECT GUIDE

SHRI. N. B. PATIL

COORDINATOR
P.G. Department of Commerce
B.K. College Chikodi

SHRI. LUDAYSINGH RAJPUT

PRINCIPAL
KLES'S Basavaprabhu Kore
Arts, Science and Commerce Coll-
CHIKODI - 591 201



CERTIFICATE

This is to certify that **Miss.JYOTI A. KANADE**

M.COM IVth Semester student of KLE Society's B.K College Chikodi has successfully completed project work, study titled **“A Study on buying behaviour of consumers** towards Hero Motocorp with special reference to **M/s.Shree Renuka Motors Chikodi** “ in our organisation from **11/05/2022** to **30/08/2022**. During this period found sincere and hardworking.

We wish her all the success for her bright future.

Managing Director



DECLARATION

I declare that the project report entitled "**A Study on Buying Behavior of Consumers towards Hero Motocorp**" with special reference to **M/s. Shree Renuka Motors, Chikodi** is a record of independent research work carried out by me and submitted in partial fulfillment of the Degree in "**Master of Commerce**" as prescribed by the Rani Channamma University, Belagavi for the academic year **2021-22**.

It has been prepared under the guidance and supervision of **Miss. Rachana V.** Lecturer in PG Department of Commerce and Management K.L.E. Society's Basavaprabhu Kore Arts, Science and Commerce College, Chikodi.

The Thesis or a part thereof has not been previously submitted for the award of any other degree or diploma.

Date: 17/10/2022

Place: Chikodi


Miss. Jyoti Kanade

Register No: MC201605

Acknowledgement

The success of any project is incomplete without mentioning the names of the people who made it possible.

I am conscious of my indebtedness to each and every individual, who has helped me in many ways in the preparation of this project work. It would be great privileged to express words of gratitude and respect to all those who guided and inspired me throughout the completion of this project.

I sincerely express my deep sense of gratitude and appreciation to Internal Guide **MISS. RACHANA .V.** for his careful and valuable guidance, never ending patience and constant encouragement throughout the project.

I am beholden to **Shri. N. B. Patil**, Co-Ordinator of PG Department of Commerce and Management for constant interest evidenced by him in my academic pursuits.

I express my deep intelligence of appreciation to **Shri. Udaysingh Rajput**, Principal of our college for his valuable suggestions and encouragement.

I express my sincere gratitude to **Shri. Annasaheb T Kuge**, Manager of Adarsh Bank for providing me an opportunity to do a project in their organization.

At the outset, I would like to thank all the teaching faculty of PG Department of Commerce and Management for their valuable suggestions during project work.

My thanks are also to library staff for their cooperation during the course of project work and I am also thankful to Printers for their skillful printing of this project.

Finally I owe my deep sense of gratitude to my parents, friends and relatives for their constant encouragement and support.

Miss. JYOTI KANADE



K.L.E. Society's

BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI - 591 201.

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle of A & A)

Website: klesbkcollegechikodi.com e-mail: kles_bkce@rediffmail.com ☎ : 08338 - 272176

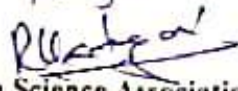
Date: 02/09/2021

Competition on making eco-friendly organic Ganesh idols (Murthy) 2020-21

Participants

Sl.No.	Name of the students	Class	Roll No.
1	Sandhya.T.Waghmude	BA II Sem	48
2	Abhishek.V.Havaladar	B.Com IV Sem	02
3	Pratiksha.D.Sunagar	BBA IV Sem	21
4	Ashwini.M.Bilagi	B.Sc IV sem	58

5. Akshata M Jogale BA II sem 06
6. Neeta. M. Billire B.Sc V Sem 19
7. Neelaja Bhimraik BA II sem 31
8. Pooja. P. Vajramatti B.Sc IV Sem 30/123


Chairman Science Association
Head of the
Department of Physic.
G. K. College CHIKODI

PRINCIPAL
KLEB'S Basavaprabhu Kore
Arts, Science and Commerce College
CHIKODI - 591 201

9. Bhimappa . M. Bambilawad, BA II sem, 18
10. Amrnta . R. Shinde B.Sc V Sem 07
11. Malashri. R. Samaje B.Sc II sem 203
12. Chetan. V. Shindhe B.Sc V Sem 65



K.L.E. Society's
**BASAVAPRABHU KORE ARTS, SCIENCE AND COMMERCE
COLLEGE, CHIKODI – 591 201.**

(Accredited at 'A' with 3.26 CGPA in 3rd Cycle)

Website: www.klesbkccollegechikodi.edu.in

e-mail: kles_bkce@rediffmail.com

☎ : 08338 – 272176

NOTICE

Competition on making eco-friendly organic Ganesha idols (Murthy)

A competition is organised in association with K.L.E. Society's B.K. College, Chikodi and Karnataka State Pollution Control Board Chikodi (KSPCB) as per the MoU.

All the students are hereby inform to make the organic Ganesha idol (Murthy) using turmeric mixed with dough, by referring the video links provided in your class WhatsApp group and a photo of the same with the participant must be uploaded to the given link.

Further students are informed to bring the Ganesha idol (Murthy) to college on 04th September 2021 at 11:00 am for display in the Sabha Bhavan. Best three idol (Murthy) are given prizes by KSPCB

Chairman Science Association

PRINCIPAL

For more details contact : Prof R. R. Wadagavi
9449938855