



KBN COLLEGE
ESTABLISHED IN 1965



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

KAKARAPARTI BHAVANARAYANA COLLEGE

(AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee), Kothapeta, Vijayawada - 520 001.

A College with Potential for Excellence (CPE) 3.5 Star Rating in Innovations & Start-Ups by MoE
Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India

6.5.1: Internal Quality Assurance Cell (IQAC)/ Internal Quality Assurance System (IQAS) has contributed significantly for institutionalizing the quality assurance strategies and processes, by constantly reviewing the teaching-learning process, structures & methodologies of operations and learning outcomes, at periodic intervals Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes visible in terms of –

- Incremental improvements made for the preceding five years with regard to quality (in case of first cycle)
- Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives (second and subsequent cycles)

ADDITIONAL INFO.

- **Ex.1**~Practice of Innovative Pedagogical methods for strengthening teaching~ learning processes
 - **Practice – Proofs**
- **Ex.2**~Feedback from Stakeholders
 - **Practice – Proofs**

EX.1-

USE OF ICT TOOLS IN TEACHING LEARNING PROCESS

- Teaching – Learning Innovative Methods using ICT
 - Flipped Classrooms
 - Jigsaws
 - Online Quizzes
 - Problem Based Learning
 - Student Seminars
 - Case Studies
 - Power Point Presentations
- Skill Oriented Programmes
- Faculty using ICT Facilities (Smart board, LCD Projectors, etc.)
- Stakeholder Feedback Collection – Through Google Forms(Links)
- Avenues for Effective use of ICT

EX.2-

ENHANCING STUDENT'S TECHNICAL SKILLS THROUGH ACTIVITIES

- Workshops on 'Technical Skills' – List & Reports
- Internships Certificates
- Certificate Courses – Syllabus & Certificates (For Reference)
- MoU's with Industries

EX.1-

USE OF ICT TOOLS IN TEACHING LEARNING PROCESS

- Teaching – Learning Innovative Methods using ICT
 - Flipped Classrooms
 - Jigsaws
 - Online Quizzes
 - Problem Based Learning
 - Student Seminars
 - Case Studies
 - Power Point Presentations
- Skill Oriented Programmes
- Faculty using ICT Facilities (Smart board, LCD Projectors, etc.)
- Stakeholder Feedback Collection – Through Google Forms(Links)
- Avenues for Effective use of ICT



KAKRAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee) Kothapeta, Vijayawada - 520 001.

(AUTONOMOUS)

A College with Potential for Excellence (CPE), 3.5 Star Rating in Innovations & Start-Ups by MoE, Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India.

SKPVV
INSTITUTIONS
Educating the Community
Since 1987

TEACHING - LEARNING - INNOVATIVE METHODS

2022-2023

DEPARTMENT OF *PA. Chemistry.*



JIGSAWS

Topic : *Separation methods.*

Submitted Group:

Date: *9-11-2022.*

O. Saralaya
LECTURER INCHARGE

Separation Methods

Many of the materials around us are mixtures. These mixtures have two or more substances mixed in them. It may not be possible to use a mixture as such in homes and industries. Different substances in a mixture possess different properties like size, hardness, density, solubility, texture, weight, etc. These differences in their physical properties are used to separate them from a mixture.

Depending on the type of mixture, different methods of separation are used. Some of the common methods of separation are;

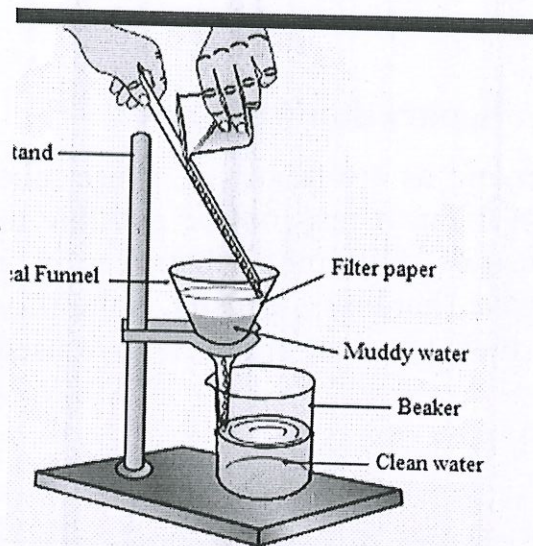
1. Filtration
2. Hand-picking
3. Threshing
4. Winnowing
5. Sieving
6. Sedimentation and decantation
7. Magnetic separation
8. Centrifugation
9. Evaporation
10. Distillation

Filtration

Filtration is the process of separating insoluble solids from a liquid mixture by using a filter. The filter could be in the form of a strainer, a sieve, a muslin cloth or filter paper.

Filtration Process

The insoluble solid mixture and the liquid are poured into a filter paper cone fixed in a funnel by using a glass rod as a guide. The liquid flows through the filter paper and collects in the beaker beneath the funnel. Solid particles do not pass through the filter paper and remain on it. The solid substance left behind on the filter paper is called the residue. The clear liquid obtained is called filtrate. In this way, a mixture of insoluble solids in a liquid is separated into a solid and clear liquid.



Applications of Filtration

When boiling tea is poured over a strainer, the tea leaves remain in the strainer and tea gets collected in the cup below. This process of separation of tea leaves from the prepared tea is called filtration. In this, the strainer acts as a filter.

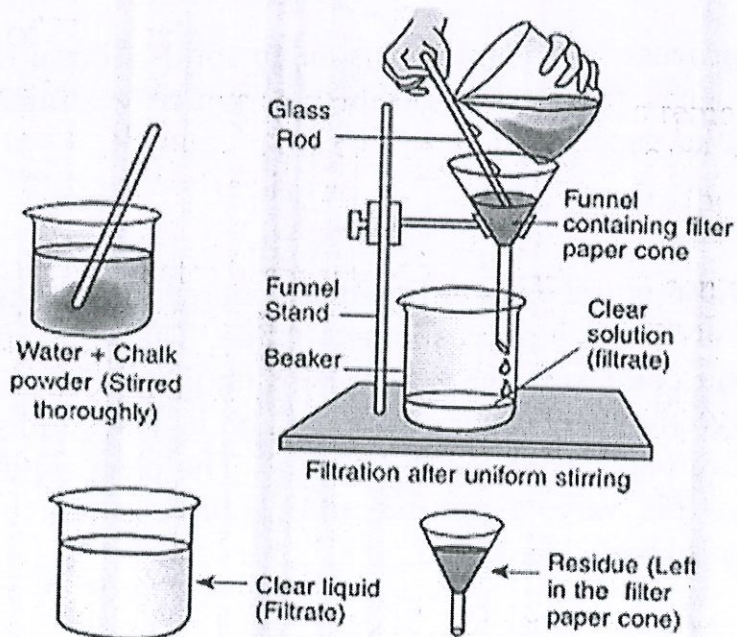
A mixture of chalk and water is separated by filtration. When a mixture of chalk and water is poured on the filter paper fixed in a funnel, then clear water passes through the filter paper and collects as filtrate.

A mixture of sand and water can also be separated by filtration.

Filtration is also used for separating paneer.

Fruit pulp and seeds can be separated from the fruit juice by using a sieve.

For lab experiments, filter paper is used as a filter.



Hand-picking

Hand-picking means taking it out by hand. Hand-picking is a method of manually separating small substances visible to the naked eye from a mixture. It is used to separate substances that differ in size, shape, or colour and that can be picked up by hand because they are typically present in small quantities.

For example, the hand-picking method is used to separate small stones from food grains like pulses, rice and wheat. The pieces of stone are picked up from the food grains by hand and thrown away.

Threshing

Threshing is the process in which stalks (such as stalks of wheat, paddy, etc.) are beaten to separate grains from the stalks and from the chaff that covers the grains. The separation method is based on the fact that crop plant stalks and chaff are soft materials, whereas grains are extremely hard. Because stalk and chaff are soft, they can be broken into pieces when beaten, but the grains are unaffected.

Threshing is accomplished by holding bundles of stalks in your hands and hitting them against a hard surface. Threshing is accomplished with the assistance of bullocks or a machine known as a thresher.

Winnowing

Winnowing is the method of separating heavier and lighter components of a mixture with the help of wind or blowing air.

In this process, a mixture of grain and husk is made to fall from a height with the wind blowing over it. The husk, being lighter, blows away and forms a heap some distance away. The heavier grains fall to the ground and form a separate heap.

Applications of Winnowing

The winnowing method is used to separate the husk from various types of grains like wheat, rice, etc.

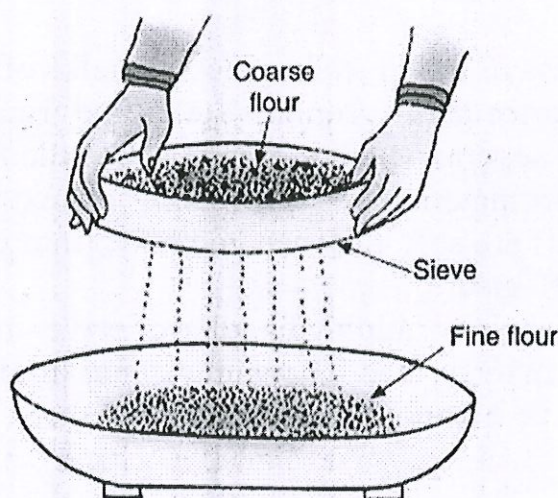
Winnowing can be used to separate sand from sawdust or sand from dried leaves. Sawdust and dried leaves being lighter get blown away by wind and form a separate heap at a distance.

Sieving

Sieving is a method of separating substances of different sizes using a sieve. A sieve is a type of strainer that consists of a fine iron mesh attached to a

wooden or iron frame. The sieves could be of different sizes depending on the size of the substances to be separated. Sieving is used to separate substances that cannot be easily hand-picked due to their small size or presence in large quantities.

In the separation of substances by sieving, the mixture is placed in a sieve and the sieve is continuously moved back and forth. Smaller and finer particles pass through the holes on the sieve and can be collected below, while larger particles remain in the sieve.



Applications of Sieving

The flour that we get from the flour mill has some bran mixed in a fine flour. Sieving is used to separate the bran from fine flour.

We require fine sand to be mixed with cement before plastering the walls of a house. The sieving method is used to obtain fine sand.

Sedimentation and Decantation

The Sedimentation and Decantation process has been explained in detail below:

Sedimentation

Sedimentation is the process of settling down of heavier solids in water when the mixture is allowed to stand undisturbed for some time. It is used to separate insoluble solids from a solid-liquid mixture. For example, rice and pulses commonly contain small stones and dust particles. Water is added to the pulses after small stones are removed by hand. The heavier pulses settle

Magnetic Separation

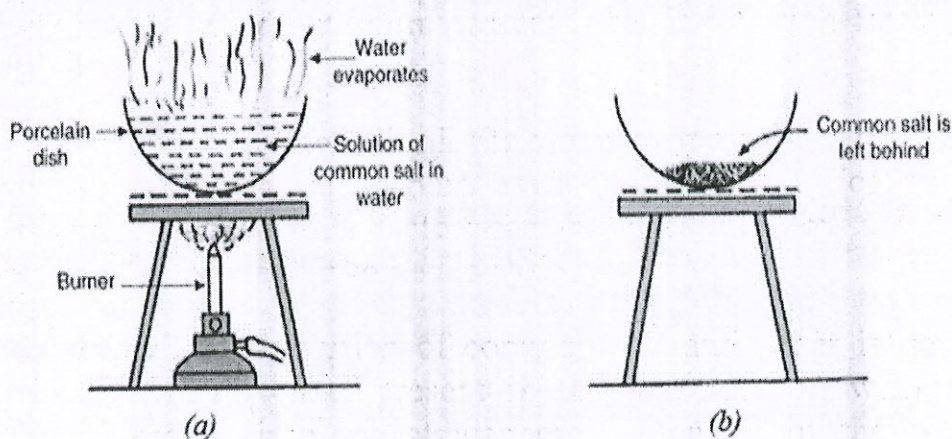
Magnetic separation means 'separation of a mixture by using a magnet'. We know that a magnet attracts iron. This property of iron is used to separate it from a mixture. For example, a magnet can be used to separate a mixture of iron filings and sulphur powder. This is because iron filings are magnetically attracted, whereas sulphur powder is not.

Evaporation

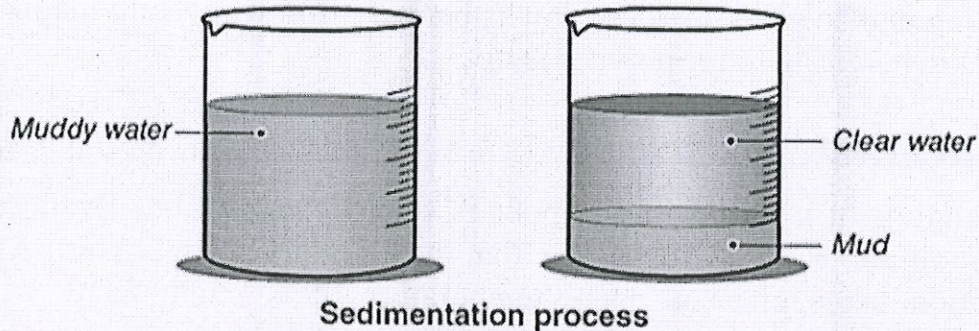
The changing of a liquid into vapour is called evaporation. Evaporation is used to obtain a solid substance that has dissolved in water. Although evaporation takes place at room temperature, it is much faster when the water is heated.

When the mixture is heated till all the water evaporates in the air, only the dissolved substance is left behind as a solid residue. For example, the common salt dissolved in water can be separated by the process of evaporation. The process involved is as follows:

In a porcelain dish, a solution of common salt and water is gently heated using a burner. The water present in the salt solution will form water vapours and escape into the atmosphere. When all of the water in the common salt solution evaporates, the common salt is left in the porcelain dish as a white solid.



down, while water with dissolved impurities from the upper layer rises. This is referred to as sedimentation. The pulses that settle at the bottom are called sediments.

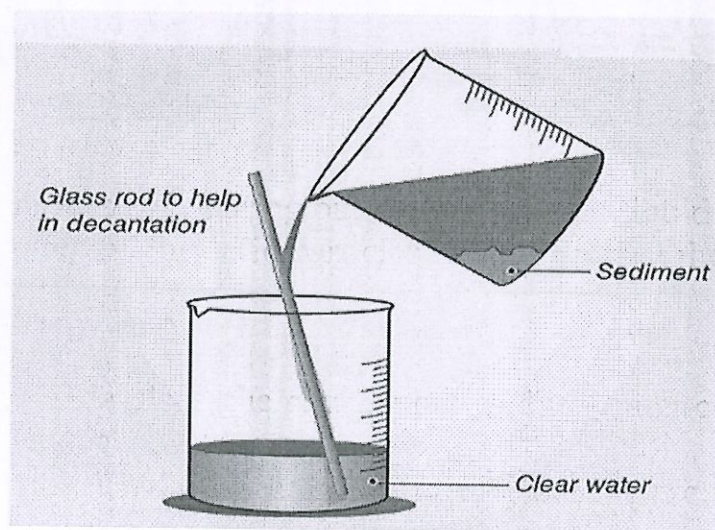


Decantation

Decantation is a process of pouring out the top layer of liquid into a separate container leaving behind the solid particles or sediments at the bottom.

For example,

1. In cleaning rice and pulses, the pouring out of dirty water containing impurities is called decantation.
2. Decantation is also used to separate water after boiling the vegetables.

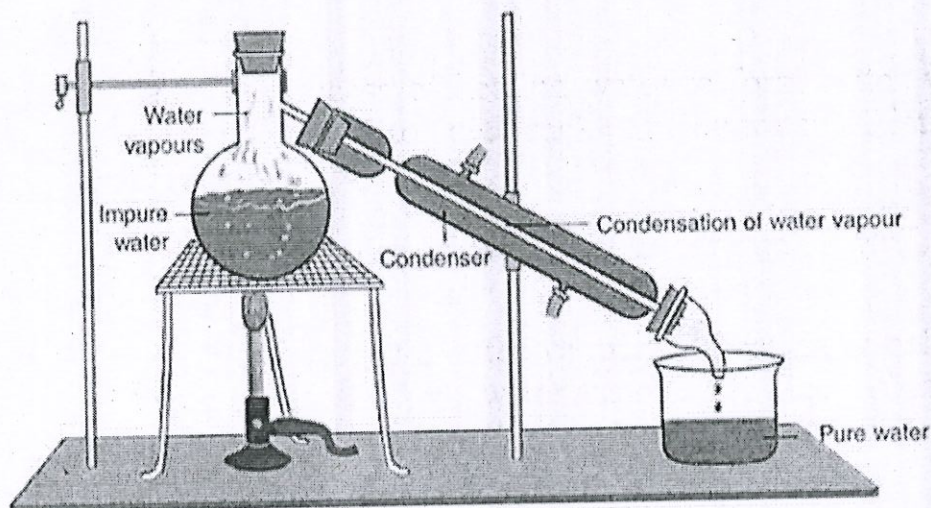


Distillation

Distillation is the process of heating water to form water vapour and then cooling the hot water to get back liquid water. Distillation can be represented as;

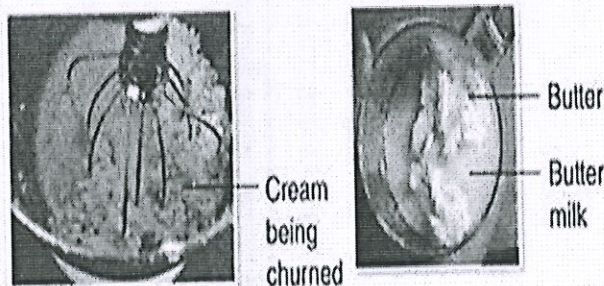
Water(Liquid) $\xrightarrow{\text{Cooling}}$ Heating Water vapour(or steam) $\xrightarrow{\text{Cooling}}$ Water(Liquid) $\xrightarrow{\text{Heating}}$ Water vapour(or steam)

The changing of water into water vapour on heating is called evaporation. And the changing back of hot water vapour into liquid water on cooling is called condensation. Thus, distillation involves two processes: evaporation followed by condensation.



Centrifugation/Churning

It is a method of separating the lighter substances from the heavier ones by churning or rotating the mixture quickly. It is a common method at home to separate butter from the cream. The cream is churned at high speed. On churning, the butter particles separate and being lighter, come on top of the liquid.



**Teaching- Learning- Innovative Methods****JIGSAWS**Class: II M.Sc (A.C.H)Date: 9-11-2022

Group A - Topic:			
S.No.	Roll No.	Student Name	Signature
1	210612	J. Manikumar	J. Manikumar
2	210605	Ch. Venkateswara Rao	Ch. Venkateswara Rao
3	210623	V. Praveen	V. Praveen
4	210617	N. Kumarao	N. Kumarao
5	210614	M. Saide Nageswarao	M. Saide Nageswarao

Group B - Topic:			
S.NO	Roll No.	Student Name	Signature
1	210611	K. Achil Sai	K. Achil Sai
2	210622	U. Durga Biva Jyothi	U. Durga Biva Jyothi
3	210606	Ch. Chandini	Ch. Chandini
4	210609	J. Sumit	J. Sumit
5	210619	P. Satyambabu	P. Satyambabu

Signature of the Lecturer

Signature of the HOD



KAKRAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee) Kothapeta, Vijayawada - 520 001.

(AUTONOMOUS)



A College with Potential for Excellence (CPE), 3.5 Star Rating in Innovations & Start-Ups by MoE, Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India.

Group C - Topic:			
S.NO	Roll No.	Student Name	Signature
1	210602	A. kalyan kumar	A. kalyan kumar
2.	210607	D. Harish	D. Harish
3.	210608	G. subrahmanyam	G. subrahmanyam

Group D - Topic:			
S.NO	Roll No.	Student Name	Signature

Signature of the Lecturer

Signature of the HOD



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

KAKRAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee) Kothapeta, Vijayawada - 520 001.

(AUTONOMOUS)

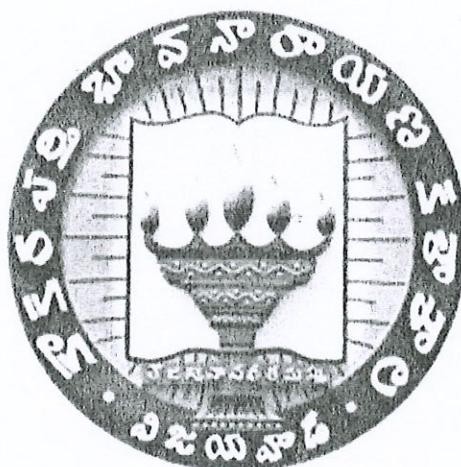
A College with Potential for Excellence (CPE), 3.5 Star Rating in Innovations & Start-Ups by MoE, Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India.



TEACHING - LEARNING - INNOVATIVE METHODS

2022-2023

DEPARTMENT OF *Pa.chemistry.*



FLIPPED CLASSROOM

Topic : *E-2 nomenclature.*

Submitted by: *P. Madhuri -
I.M.Sc(OCH)*

Date: *3/4/2023-*

O. Saralaja
LECTURER INCHARGE

E and Z Notation for Alkenes

E and Z Notation for Alkenes

- Unlike C–C single bonds, C–C double bonds can't undergo rotation without breaking the pi bond
- One consequence of this is geometric isomerism – the existence of alkene stereoisomers that differ solely in how their substituents are arranged in space about the double bond
- In simple cases where there are two identical substituents on each carbon of the alkene, we can use cis– and trans– to designate the isomers where those substituents are on the same and opposite sides of the double bond, respectively.
- For geometric isomers that lack two identical substituents, we rank the two substituents on each end of the double bond according to the Cahn-Ingold-Prelog (CIP) rules.
- The Z isomer (“zusammen“, same) is the geometric isomer where the #1 ranked substituents are on the same side of the double bond. Mnemonic: “zee zame zide”
- E isomer (“*entgegen*“) is the geometric isomer where the #1 ranked substituents are on the opposite side of the double bond,

When each carbon in a double bond is attached to a hydrogen and a non-hydrogen substituent, the geometric isomers can be identified by using the cis-trans nomenclature discussed in the previous section.

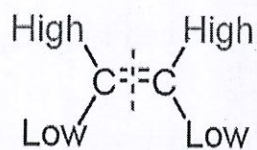
However, when a double bond is attached to three or four non-hydrogen substituents there are some examples where cis-trans nomenclature is ineffective in describing the substituents orientation in geometric isomers.

In these situations the rigorous IUPAC system for naming alkene isomers, called the E/Z system, is used.

The E/Z system analyzes the two substituents attached to each carbon in the double bond and assigns each either a high or low priority.

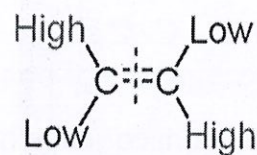
If the higher priority group on both carbons in the double bond the same side the alkene is said to have a Z isomer (from German *zusammen* = together). You could think of Z as Zame Zide to help memorize it. If the higher priority gr

oup on opposite sides the alkene has an E isomer (from German entgegen = opposite).



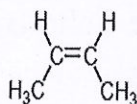
Z Configuration

High priority substituents are on the same side of the double bond

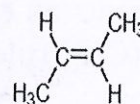


E Configuration

High priority substituents are on opposite sides of the double bond

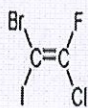


cis-2-butene
(*Z*)-2-butene

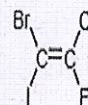


trans-2-butene
(*E*)-2-butene

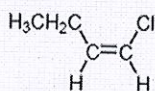
The following figure shows two isomers of an alkene with four different groups on the double bond, 1-bromo-2-chloro-2-fluoro-1-iodoethene.



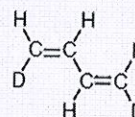
(*Z*)-1-bromo-2-chloro-2-fluoro-1-iodoethene



(*E*)-1-bromo-2-chloro-2-fluoro-1-iodoethene



(*Z*)-1-chloro-1-butene



(1*Z*,3*E*)-1,3-butadiene-1,4-*d*2

**Teaching- Learning- Innovative Methods****Flipped Classroom**Topic: E-Z nomenclatureClass: I m.sc (OCU & ACH)Date: 3/4/2023

ROLL. No.	Name of the Student	Signature
220419	P.L.N.S.laya	Sai.laya
220420	P. Madhuri	P. Madhuri
220411	G. Jayasri	G. Jayasri
220424	S. Ranya Sri	S. Ranya Sri
220406	CH. Kavya	CH. Kavya
220412	G. sai sindhu	G. Sai Sindhu
220410	G. Geetha Madhuri	G. Geetha Madhuri
220415	M. SITA chandrika	M. Sita Chandrika
220426	Sk. Shemrana	Sk. Shemrana
220429	S. Charitha Sree	S. Charitha Sree
220432	V. Supriya	V. Supriya
220428	S. Renuka	S. Renuka
220409	D. Bhavani	D. Bhavani
220615	K. Divya	K. Divya
220613	J. Ravalika	J. Ravalika
220414	M. Naveen	M. Naveen
220404	B. Sasi Kiran.	B. Sasi Kiran.
220607	D. Venkata Yaswanth	D. V. Yaswanth.
220402	A. Divakar Reddy	A. Divakar Reddy
220604	Ch. prasanth	Ch. prasanth
220606	D. Praasanth Rao	D. Praasanth Rao
220421	P. Abdul Rozak	P. Abdul Rozak
220611	G. MAHESH	G. Mahesh
220632	CH. keshav Rao	CH. keshav Rao
220626	T. Nikhitha Rasilin	T. Nikhitha Rasilin

Signature of Lecturer

Signature of HOD



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

KAKRAPARTI BHAVANARAYANA COLLEGE



(Sponsored by S.K.P.V.V. Hindu High Schools' Committee) Kothapeta, Vijayawada - 520 001.

(AUTONOMOUS)

A College with Potential for Excellence (CPE), 3.5 Star Rating in Innovations & Start-Ups by MoE, Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India.

TEACHING - LEARNING - INNOVATIVE METHODS

2022-2023

DEPARTMENT OF PA. Chemistry.



GROUP DISCUSSION

Topic : The Impact of social media on our lives.

Submitted by: O. Sailaja.

Date: 7-1-2023.

LECTURER INCHARGE

THE IMPACT OF SOCIAL MEDIA ON OUR LIVES

A.Sai Kumar said: Hey Everyone,

Social Networking sites are an integral part of the digital revolution. We all live in an era where we want information (academic, factual, personal) at our fingertips. Social networking sites not only serve as a medium to share resources but have transformed over a decade in boosting the economy.

With the advent of social networking sites, the life of humans has been revolutionized.

1. Social media has helped to increase awareness about their surroundings, and academics and also has directly stimulated the decision-making ability of individuals.
2. Social networking sites have also made it easier to remain connected with friends, family and loved ones. It has also made it easier to find a partner.
3. Social networking sites have provided individuals to voice their thoughts.
4. Social networking sites have provided platform support to emerging businesses for marketing and supply chain purposes.
5. Social networking sites have also had an influence on the political fate of the country and have also been a platform to solve grievances.

As the use of networking sites is mostly free, there are some potential challenges that need to be addressed on both individual and organizational levels.

1. Addiction towards usage of networking sites- this can be addressed by using application timers and self-discipline.
2. Breach of personal data- Social Networking sites collect a lot of personal data. A proper understanding of authorization requests may prevent a lot of personal data from being shared. 100 per cent data privacy still remains a challenge.
3. Use of networking sites to perpetuate false information or plot a nefarious activity- This can be controlled by continuous surveillance of the traffic by cyber authorities and application merchants. Blocking DNS or restricting IP addresses may be useful in these cases.

I personally believe that the more responsible we become to ourselves and our society the more we can address challenges and we can together reap the fruits of any new technology or invention together.

K.Gopi said:

Social Networking Site:- An endless topic to debate on. Well, we all share similar opinion/thoughts to an extent on the said topic & Here is mine-.

Social Networking- As the name clarifies itself, to connect with society, not in a physical way, but in a digital way. Ever since social platforms were created, it has really created another level of excitement among millions in every field whether it is education, entertainment, sports, or whatever. These platforms have now become a different medium of learning, getting entertained, etc.

But as we all know that every coin has its two sides and everything in this world has its pros & cons that define its origin. We "Humans" also even have pros & cons. If we have well in ourselves then we also have bad at the same time and that defines us.

These social platforms can either make someone popular overnight or it can destroy them forever.

K.Harshitha said: Good morning all of you

According to me, there is both positive and negative impact of social media. There are many platforms on social media that can be used for learning, earning, etc. Because of this we can easily access information about all things; we can also stay in touch with friends, families, or relatives. This is a positive impact.

But everything has two side's one positive & the second negative. So, it has also some negative impacts. Peoples are addicted to social media which badly effect on their life, I.e. there is a communication gap between people, many cyber threats, health issues, depression, & many more.

So Here, I am concluded that the use of social media is fully dependent on us then it is good or bad according to use.

Sk.Jainab said: Hello to all.

In my point of view, there is good and bad impacts are there from social networking sites because there is thing which is good or bad that is only on ours which means on the user's hands.

Take an example from this site is we are learning and building new skills that are a good impact but some are spreading negativity that is a bad impact. So my final conclusion is good or bad it is on user handling way.

**Teaching- Learning- Innovative Methods****Group Discussion**Topic: The Impact of social media on our lives.Class: I M.Sc chemistryDate: 7/1/2023

ROLL. No.	Name of the Student	Signature
220419	P.L.N.S. Laya	P.L.N.S. Laya
220420	P. Madhuri	P. Madhuri
220411	G. Jayasri	G. Jayasri
220412	G. sai Sindhu	G. Sai Sindhu
220406	CH. Kavya	CH. Kavya
220408	S. Ramya sree	S. Ramya sree
220410	G. Geetha Madhuri	G. Geetha Madhuri
220429	S. Charitha sree	S. Charitha sree
220415	M. Sita Chandrika	M. Sita Chandrika
220426	B.K. Sherrana	B.K. Sherrana
220433	V. Supriya	V. Supriya
220428	S. Penuka	S. Penuka
220409	D. Bharani	D. Bharani
220615	K. Divya	K. Divya
220613	J. Ravalika	J. Ravalika
220414	M. Naveen	M. Naveen
220406	B. Sasi Kiran	B. Sasi Kiran
220607	D. Venkata Yaswanth	D.V. Yaswanth
220402	A. Divakar Reddy	A. Divakar Reddy
220604	Ch. prashanth	Ch. prashanth
220606	A. Prasanth RAO	A. Prasanth RAO
220421	P. Abdul Rozak	P. Abdul Rozak
220611	G. MAHESH	G. Mahesh
220632	CH. keshav RAO	ch keshav
220626	T. Nikhitha Resilio	nh Resilio

Signature of Lecturer

Signature of HOD



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

KAKRAPARTI BHAVANARAYANA COLLEGE

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee) Kothapeta, Vijayawada - 520 001.

(AUTONOMOUS)

A College with Potential for Excellence (CPE), 3.5 Star Rating in Innovations & Start-Ups by MoE, Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India.



TEACHING - LEARNING - INNOVATIVE METHODS

2022-2023

DEPARTMENT OF *Pa-chemistry*



ONLINE QUIZ

Topic : *Periodic properties*

Date: *1-4-2023*

O. Lalitha
LECTURER INCHARGE

QUIZIZZ

Quiz Name
Periodic Properties

Date
Sat Apr 01 2023 8:59 AM

Hosted by
Omni Sailaja

Average Accuracy

68%

Questions per Attempt

15

Number of Players

20

Players

Rank	Player Name	Avg. Time	Points	Accuracy	Correct
1	VENKATA KIRAN KUMAR ANNAPU (Kiran)	7 secs	15	100%	15 / 15
2	Geetha Madhuri (Geetha Madhuri)	19 secs	15	100%	15 / 15
3	Rajesh Kunduru (Rajesh Kunduru)	12 secs	15	100%	15 / 15
4	Rajesh Kunduru (Kunduru Rajesh)	22 secs	15	100%	15 / 15
5	surekha Manikonda (M.surekha)	10 secs	15	100%	15 / 15
6	jaya sri (jaya sri)	31 secs	15	100%	15 / 15
7	Manikanta Odugu (Manikanta)	7 secs	14	93%	14 / 15
8	parvathi priya (Parvathi priya)	138 secs	14	93%	14 / 15
9	Sunil Jetti (Sunil Jetti*)	22 secs	14	93%	14 / 15
10	Jahida Shaik (Jahida Shaik)	48 secs	14	93%	14 / 15
11	Manikumar Kuramana (Manikumar)	10 secs	11	73%	11 / 15
12	sai Kumar pspk (Sai Kumar)	16 secs	11	73%	11 / 15
13	Ummadi Venkata Phanindra (Ummadi Venkata Phanindra)	11 secs	10	67%	10 / 15
14	sai Kumar pspk (Sai Kumar**)	10 secs	9	60%	9 / 15
15	Indhuja Sikatapu (Indhuja)	11 secs	5	33%	5 / 15
16	Mohammad Hussain (Mohammad Hussain)	15 secs	5	33%	5 / 15
17	Praveen Yedupati (Praveen Yedupati)	6 secs	3	20%	3 / 15
18	Pavan Adusumilli (A.Saipavan)	16 secs	2	13%	2 / 15
19	Sunil Jetti (Sunil Jetti)	23 secs	1	7%	1 / 15
20	sai Kumar pspk (Sai Kumar*)	-	0	0%	0 / 15

**Teaching- Learning- Innovative Methods****Online Quiz**Topic: Periodic Properties.Class: II M.ScDate: 1/4/22

ROLL. No.	Name of the Student	Signature
210414	K. Harshitha	K. Harsh
210426	sd. zainab	Zainab
210415	L. Mounica	Flourish
210432	Aabeedunnisa	Aabeedunnisa
210423	P. Pradee	P. Pradee
210409	ch. Roshini	Roshini
210421	P. Reshma	P. Reshma
210408	Ch. K. Shiny	Ch. K. Shiny
210416	M. Suguna Kumari	M. Suguna Kumari
210419	M. Udayabhanu	M. Udayabhanu
210431	V. Naga Jagathi	V. Naga Jagathi
210407	B. Sai Dwaga prasad	B. Sai Dwaga prasad
210420	P. Krishna veni	P. Krishna veni
210404	A.V. Kishan Kumar	A.V. Kishan Kumar
210417	MD. HUSSAIN	MD. HUSSAIN
210402	A. Saipavan	A. Saipavan
210429	U.v. bhairava	U.v. bhairava
210430	U. Raveendra Reddy	U. Raveendra Reddy
210403	A. Sai Kumar	A. Sai Kumar
210418	M. Manoj Kumar	M. Manoj Kumar
210618	O. Manikante	O. Manikante
210609	J. Sunil	J. Sunil
210619	P. Satyam baby	P. Satyam baby
210605	Ch. Venkateshwar Reddy	Ch. Venkateshwar Reddy
210607	D. Harish	D. Harish

Signature of Lecturer

Signature of HOD

CASE STUDY IMPLEMENTATION IN
CURRICULUM

Regd No: _____

Room No: _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
PG II SEMESTER END EXAMINATIONS

Class : I MBA
Subject : MANAGEMENT
Title of Paper: Operations Management
Paper Code : R20MBA204
W.E.F : 2020-21

Max Marks : 70
Pass Mark : 28
Duration : 3 Hrs
Paper Time : 9 am to 12 PM
Date : 04/07/2022

Section: A

Answer five of the following questions

5x3=15 MARKS

1. A. Explain - MRP
- B. Explain - JIT SYSTEM
- C. Explain - QUALITY CIRCLES
- D. Explain - MATERIAL MANAGEMENT
- E. Explain - STATISTICAL QUALITY CONTROL
- F. Explain - VALUE ANALYSIS
- G. Explain - WORK SAMPLING
- H. Explain - WASTE MANAGEMENT

Any five

Section: B

Answer the following questions

5X8=40 MARKS

2. What do you mean by layout design? Explain in detail about different types of layouts?
3. Is the world class manufacturing can be the best operation strategy- Explain.
4. Explain about types of forecasting and how they are useful in Production Planning.
5. Discuss in detail about work sampling and work study.
6. Explain various maintenance alternatives in OM.
7. Explain the Equipment life Cycle.
8. What do mean by materials management? Explain in detail about ERP.
9. Explain the role of inventory planning and control in Operations.
10. Discuss ISO-9000 Standards.
11. Explain - 'Six sigma and Kanban System'.

SECTION- C

CASE STUDY (COMPULSORY) 1X15=15 MARKS

12. Product Development Risks

You have the opportunity to invest INR 100 billion for your company to develop a jet engine for commercial aircrafts. Development will span 5 years. The final product costing Rs. 500 million / unit could reach a sales potential, eventual

of Rs. 2500 billion. The new engine can be placed in service 5 years from now, but only if it qualifies four years from now for certification clearing commercial use and only if it meets America's Federal Aviation Administration's (FAA) ever tightening standards for noise reduction. Certification also has to be obtained from India's Director General of Civil Aviation (DGCA). There is competition from world-class manufacturers like Pratt and Whitney and Rolls Royce who are developing competing engines. If you decide to proceed with the project, you must also determine where the new engines will be produced and develop the manufacturing facilities. If you decline to proceed, your company could invest its resources elsewhere and based on its track record, get attractive returns.

(a) What would be your line of action?

(b) In case of lengthy product design and development time, what kinds of risks are there?

Regd No: _____

Room No: _____

KAKARAPARTY BHAVANARAYANA COLLEGE (AUTONOMOUS)
PG II SEMESTER END EXAMINATIONS

Class : I MBA
Subject : MANAGEMENT
Title of Paper : Marketing Management
Paper Code : R20MBA201
W.E.F : 2020-21

Max Marks : 70
Pass Mark : 28
Duration : 3 Hrs.
Paper Time : 9 am to 12 pm
Date : 30/06/2022

SECTION: A

Answer any FIVE of the following questions.

5 X 3 = 15 Marks

1. Write a short note on:
 - a) Green Marketing.
 - b) Digitalization.
 - c) Buyer Behavior.
 - d) Marketing Mix.
 - e) Marketing Communication Mix.
 - f) Channel Management.
 - g) Distribution Strategy.
 - h) Marketing Audit.

SECTION: B

any five of
Answer the following questions.

5 X 8 = 40 Marks

2. "Do all companies need to practice the marketing concept?" comment.
3. Define Marketing Environment, Explain the types of marketing environment.
4. What is meant by Price Setting? Explain the Objectives of price setting
5. Explain Product Life Cycle in Detail.
6. Explain the Integrated Marketing Communication Planning Process.
7. What are the recent trends in Marketing Communication?
8. How do you design a communication strategy for "sports shoe"?
9. Define Marketing Channel System. Explain its Functions & Flows.
10. What is meant by Marketing Organization and What are the Factors Affecting it?
11. What is meant by Marketing Audit and Explain the steps undertaken to do marketing audit?

SECTION - C (1 X 15 = 15Marks)

(COMPULSORY)

12. Started in 1965, ChemCo is a leading manufacturer of car batteries in the U.K. market. Since then, it has been under the charge of Mr. Jones, the founder-owner of the firm. In 1999, the company decided to go for a diversification by expanding the product line. The new product was batteries for fork-lift trucks. At the same time, Mr. Marek was appointed the Senior Vice President of marketing in the company. However, soon after its successful diversification into fork-lift batteries, the sales in this segment began dropping steadily. Mr. Marek wanted to introduce some radical changes in the advertising and branding of the new business but the proposal was turned down by the old-fashioned Mr. Jones.

At this juncture in 2002, the firm is losing heavily in the fork-lift batteries business and its market share in car batteries is also on a decline. Mr. Jones has asked Mr. Marek to show a turnaround in the company within a year. Mr. Marek show the entire details of the company's products. They were just noticed the downfall of the company other than that they found nothing. Mr. Jones realizes his mistake and asked Mr. Marek to solve this problem as soon as possible.

QUESTIONS:-

1. What steps should Mr. Marek take to take the company out of its troubles?
2. Why Mr. Jones fails to identify his mistake early?

Regd No: _____

Room No: _____

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)
PG II SEMESTER END EXAMINATIONS

Class : I MBA
Subject : MANAGEMENT
Title of Paper : Human Resource Management
Paper Code : R20MBA202
W.E.F : 2020-21

Max Marks : 70
Pass Mark : 28
Duration : 3 Hrs
Paper Time : 9 am to 12 pm
Date : 01/07/2022

SECTION-A
(Short Answer Questions)

Answer any FIVE of the following questions

5X3=15M

1.
 - a) Role of HR manager
 - b) Line and Staff
 - c) Human resource planning
 - d) Job description
 - e) 360 degree performance appraisal system
 - f) Reward management
 - g) Management by Objectives (MBO)
 - h) Quality of Work Life (QWL)

SECTION-B

(Essay Questions)

Answer any three of the following questions.

5X8=40M

2. Define HRM. What are the functions of HRM?
3. What is the significance of HRM in today's changing environment?
4. What are the different types of selection tests?
5. Explain briefly the steps involved in Human Resource Planning.
6. What is meant by performance appraisal? Explain the modern methods of performance appraisal.
7. What do you understand by 'Recruitment'? Write the process of Recruitment.
8. Bring out the importance of Career Planning? Write the steps involved in Career planning.
9. What are the approaches to Reward Management?
10. Define Quality of Work Life. What are the strategies for improvement of Quality of work life?
11. Explain the role of HRM in mergers and acquisitions.

Section - C (15 Marks)

CASE STUDY (Compulsory)

12. A few years ago, the top executives of a well-managed Multi National Company called SofteX Pvt. Ltd. decided to organize an early Management Awareness Programme (MAP) for the first level supervisors. This company had long been in the forefront of management education and was quite ready to listen to the advice of management specialists concerning this subject. They surveyed their own experiences only to find that many young people, professionally trained, were leaving the company for private employment, where the rewards were thought to be greater. This left the company with something less than the best qualified candidates for supervision; it also left it with a notably older group of supervisors.

A career development programme was carefully worked out. The development of the candidates comprised:

1. A week of formal supervisory training;
2. Assignments to an establishment supervisor who would act as a teacher and guide, advising the candidate on a course of reading and enrolment in college courses wherever available, discussing the theory and practice of management to the candidate and evaluating his or her programmes;
3. Work on task-force assignments as available and appropriate. Frequently, candidates were appointed to supervise the positions before they finish their programmes; if not, they would wither stay within the programme until assigned or resigned from it to resume a technical career.

Several advantages emerged from this programme. The candidates were pleased that their careers were a matter of interest and concern to the higher level executives; candidates could more easily bring themselves to the attention of their superiors. The company was provided with a group of youthful candidates for supervision. The brain-drain from the company almost stopped. Gradually more vigour in management levels became evident and young men and women could establish a broader ways of experience from which to decide whether they really wanted to be managers. Certain disadvantages also became apparent. Many good candidates failed to apply for the programme because they were not sure of their own career objectives, they didn't want to move away from the places where they were originally domiciled or they felt too busy to undergo the training described (it was in addition to their full-time position). Some complained of inadequate counselling, and many who failed to apply were later disgruntled when they found themselves no longer among the candidates for supervisory appointments. The company is now in a mood to re-assess its experience with the programme.

Questions:

- a. Is this a good training programme? Are there any missing elements?
- b. If you are asked to suggest improvements, what would you say?

Room. No: _____

Regd. No: _____

III SEMESTER END EXAMINATION

Class : II MBA
Subject : Commerce
Title of paper : Strategic Management
Subject Code : MBA 30119
W.E.F : 2018-19

Max Marks : 70
Pass Marks : 28
Duration : 3 Hrs
Time : 09:00 to 12:00
Date : 08/02/2021

SECTION-A

Answer any FIVE of the following

5X3 = 15M

1. a) Strategy.
- b) Objectives.
- c) Environment Threat.
- d) Strategic Advantage.
- e) Corporate culture.
- f) Social Responsibility.
- g) Mergers.
- h) Balanced score card.

SECTION-B

Answer any FIVE of the following

5X8 = 40M

2. Define strategic management? Discuss its scope?
3. Explain different types of Strategies.
4. Bring out different stages of Strategic management.
5. Describe in detail the BCG Matrix.
6. Explain about Porters forces model.
7. Corporate Social Responsibility is the need of the hour. Comment.
8. List out different Diversification Strategies.
9. Explain different Functional plans.
10. Discuss the significance of organizational Leadership.
11. Explain at length about Strategic Budgetary Control.

P.T.O

12 Mysore Foods Limited produces and distributes packaged food products such as cereals, biscuits, spices, jams and jellies, syrups, etc. The company has a national market and also exports small quantities to neighbouring countries. It conducts a large national advertising campaign. It has 75 plants located all over the country and markets 70 different products, each under its own trade mark. Though its products are all food products, they are not otherwise closely related. They vary from long margin specialities with comparatively small volume to large-volume items with small profit margins. Different raw materials and other articles are used in their processing and packing. All products are, however, sold through the same channel. i.e., retail and provision stores. Gross sales are Rs.25 crore and total assets exceed Rs.12 crore.

The management of Mysore Foods Limited is centralised. The Chairman of the Board, the President and four Vice-Presidents who are responsible for sales, production, purchasing and law make up the topmost executive level of the company and operate as a committee on all general policy matters. Sales, advertising and sales promotion come under the Sales Vice-President. All Plant operations as well as the research and engineering department report to the Production Vice-President. Purchasing is the responsibility of its Vice-President who also governs traffic. Public relations, law and corporate functions fall under the General Counsel. Financial responsibilities are handled by the President and employee relations are covered by each Vice-President in his own area of responsibility. The Company was set up by combining several food products organisations and it has acquired others since one of the theories of the organisers was that there would be great advantage in wholesale distribution if he salesman could cover an entire line on one call as against a number of salesmen, each calling to sell a single line. Saving in time alone would be of great value to the distributor. The principle has been retained and has proved successful as the company has grown. One sales organisation handles all the products. Each product is given specific time and attention by the sales organisation in accordance with its demands. The head of the field sales organisation reports to the Vice-President.

The advertising Manager group of products are assigned to one of the 20 Product Managers. Each Product Manager is responsible for seeing that his product receives due attention from the sales organisation, the production department, and promotion departments. He specialises in the pricing and sales appeal questions of his product. He reports, however, to the Sales Vice President, who has the overall control. The Sales Vice-President can curtail any efforts of the Product Managers if he is using his sales force for special efforts on some other product or products. There is no institutional advertising. All advertising is coordinated and placed by the Advertising Manager while the final authority rests with Sales Vice-President. Each plant is operated by a superintendent who is in-charge of wages, maintenance, cost output, quality, hiring, inspection and other normal plant operation responsibilities. Superintendents report to eight regional Production Managers who are responsible. Superintendents report to eight Regional Production Managers who are responsible to the Production Vice-President. The volume of production in each plant is scheduled by the production control group reporting to the Operating Vice-President. Final schedules are set after consulting

Room. No: _____

Regd. No: _____

III SEMESTER END EXAMINATION

Class : II MBA
Subject : Commerce
Title of paper : Strategic Management
Subject Code : MBA 30119
W.E.F : 2018-19

Max Marks : 70
Pass Marks : 28
Duration : 3 Hrs
Time : 09:00 to 12:00
Date : 08/02/2021

SECTION-A

Answer any FIVE of the following

5X3 = 15M

1. a) Strategy.
- b) Objectives.
- c) Environment Threat.
- d) Strategic Advantage.
- e) Corporate culture.
- f) Social Responsibility.
- g) Mergers.
- h) Balanced score card.

SECTION-B

Answer any FIVE of the following

5X8 = 40M

2. Define strategic management? Discuss its scope?
3. Explain different types of Strategies.
4. Bring out different stages of Strategic management.
5. Describe in detail the BCG Matrix.
6. Explain about Porters forces model.
7. Corporate Social Responsibility is the need of the hour. Comment.
8. List out different Diversification Strategies.
9. Explain different Functional plans.
10. Discuss the significance of organizational Leadership.
11. Explain at length about Strategic Budgetary Control.

P.T.O

the Sales Vice-President. The volume of production in each plant is scheduled by the production control group reporting to the Operating Vice-President. Final schedules are set after consulting the Sales Vice-President. The business has more than doubled in the last ten years and profits, both gross and net, have increased. The number of plants has also more than doubled. Purchases have increased proportionately. New taxes and new reports to the government have added to the complexity. The management feels that certain problems are potentially dangerous and should be solved before they become serious.

There have been periods in which a product has got into difficulty because of loss of favour with the public, bad management or even neglect. Attention of the Sales Vice-President to the problems of some products has caused him, at times, to fail to recognise difficulties in other products even though the Product Manager of such products had recognised them and brought them to his attention. The burden on the present officers is becoming too heavy to ensure proper attention to all their responsibilities. Employment of assistants erodes the personal touch of the top group that is necessary for successful management. Opportunities for increasing product-lines and expanding the business are being lost because of lack of executive's time to study them or to manage new products. In any business where specialities are sold under trade marks and brands are the major business of a company, it is necessary for the company to continually bring out new products and to study old ones to determine the point of no return regarding promotion and advertising expenses.

Once the top executives group has approved the idea of a new product, it is put under one of the Vice-Presidents. He develops an organisation and brings it along. At first, the advertising appropriation for a new product is not the responsibility of the Sales Vice-President but of the Developing Vice President. Eventually, if the product proves to be successful it is turned over to the regular line of organisations. With new products and growth in the old ones, the weight, complexing and number of decisions that have to be taken by the very few men at the top, mean a heavier burden for them. The management feels that in addition to the lost opportunities market potential and the need for development of present products are not being fully recognised. The business may have grown too big for the form of management. Executives require more responsible attention for each product. At the same time they wish to retain the advantages of central management in purchasing, traffic, institutional reputation and minimum sales approach and to maintain the high-calibre advice and experience now present in law, advertising accounting and public relations.

Questions:

- i. How far is the existing organizational structure effective in the changed conditions of the company?
- ii. Indicate (a) How the desired product responsibility can be achieved? (b) Any changes in line authority, and (c) The use, if any of staff functional authority or committees.
- iii. What policy and organizational structure changes do you recommend, and why.

SKILL DEVELOPMENT PROGRAMMES

ORGANIZED BY THE COLLEGE – 2018-19 TO 2022-2023

<u>TITLE OF THE ACTIVITY</u>	<u>ORGANIZED BY</u>	<u>DATES</u>
Skill Development Programme (For Girls Students)	UGC Women's Studies Centre	6th – 17th July, 2018
Soft skills Training by NAANDI Foundation	In association with APSSDC by Placement and Guidance Cell	8 th August, 2018
Soft skills Training by NAANDI Foundation	In association with APSSDC by Placement and Guidance Cell	22 nd November, 2018
Communication Skills Training	In association with APSSDC by Placement and Guidance Cell	December, 2018
Tally with GST Certification Training sessions	In association with APSSDC by Placement and Guidance Cell	15 th August -20 th October, 2019
Python Certification Training Sessions	In association with APSSDC by Placement and Guidance Cell	25 th August - 30 th October, 2019
Workshop on 'Tools and Techniques for Industrial Applications (TTIA-2019)' - A Skill Development Initiative for Students	In association with Shree Icon pharmaceuticals, Vijayawada by Department of PG Chemistry	9 th - 15 th September, 2019
Women Entrepreneurship Development Programme for Girls Students	In association with Centre for Entrepreneurship Development, ALEAP by UGC Women's Studies Centre	16 th - 30 th September, 2019
Aptitude and Reasoning Certification Training sessions	In association with APSSDC by Placement and Guidance Cell	25 th November, 2019 - 30 th January, 2020
Soft skills Certification Training sessions	In association with APSSDC by Placement and Guidance Cell	10 th December, 2019 - 20 th January, 2020
Soft skills Development Programme	In association with JKC and APSSDC, Vijayawada, ION Learning Exchange Professional Solutions by Placement and Guidance Cell	

Guest Lecture on 'Personal Grooming in Professional Development for Corporate Sector'	Department of English	28th December, 2020
Online Guest Lecture on 'Communication Skills: The need of the Hour in the Present Job market'	Department of English	22 nd February, 2021
Resume Writing Session	Placement and Guidance Cell	18 th November, 2021
Mock Interview Session	Team lease Recruitment Team by Placement and Guidance Cell	9 th & 11 th November, 2021
Communication Training From	In association with Magic Bus India Foundation by Placement & Guidance Cell	9 th - 14 th July, 2022
Five-Day Workshop on 'Python for Data Analysis'	Department of Mathematics & Statistics	5 th to 10 th January, 2023
Two-Day Workshop on 'PCB Design'	In collaboration with Microlink Peripheral (P) Ltd., Vijayawada by Department of Physics & Electronics	9 th & 10 th December, 2022
Two-Day National Workshop on 'Blockchain and It's Applications' (Under autonomous Funds)	In collaboration with APSCHE organized by Department of Computer Science & Applications	29 th & 30 th November, 2022
Three-Day National Workshop on 'Clinical Research'	In collaboration with CAVAXION Clinical Research Pvt. Ltd., Vijayawada, organized by Department of PG Chemistry	19 th , 21 st & 22 nd November, 2022
Two-Day Workshop on 'Devops Core & Cloud Integration'	Department of Computer Science & Applications	14 th & 15 th October, 2022
Three-Day Workshop on 'Customization of Commercialized Agricultural Drones'	In association with Fopple Technologies Pvt. Ltd., Kanikipadu by Entrepreneurship Development Cell	13 th to 15 th October, 2022
✓ Workshop on 'Think, Make, Break, Repeat'	in association with ACIC-KL Startups Foundation by Entrepreneurship Development Cell	6 th , 11 th , 19 th July and 8 th August, 2022.

Skill Development Centre





Andhra Pradesh State Skill Development Corporation (APSSDC)
Department of Skill Development, Entrepreneurship and Innovation
(Government of Andhra Pradesh)

Door No: 4-124, maruthi Nagar, Near Railway Gate, Nowluru, Mangalgi -
522503



31st Oct 2018

To
The Principal
KBN College
Vijayawada.

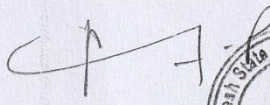

Respected Sir,

Thank you for the time given by your management to conduct ZOHO & InstaEMI Certification training sessions for Final Year students in your college premises from 16th Oct 2018 onwards (30 Hours). Your support and enthusiasm were most helpful and have assisted us in making valuable improvements to our training programme.

Any additional suggestions you may have would be welcome.

Again, I thank you so much for your help. I greatly appreciate the assistance you have provided to Us.

Best Regards,

P Pranay

Manager-Projects

APSSDC

Krishna District.



Andhra Pradesh State Skill Development Corporation (APSSDC)
Department of Skill Development, Entrepreneurship and Innovation
(Government of Andhra Pradesh)

Door No: 4-124, maruthi Nagar, Near Railway Gate, Nowluru, Mangalgiri -
522503



31st August 2018

To
The Principal
KBN College
Vijayawada.

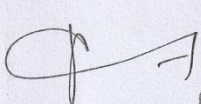
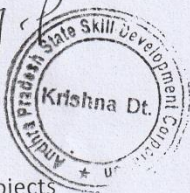
Respected Sir,

Thank you for the time given by your management to conduct Tally + GST training session in your college premises from 8th August 2018. Your support and enthusiasm were most helpful and have assisted us in making valuable improvements to our training programme.

Any additional suggestions you may have would be welcome.

Again, I thank you so much for your help. I greatly appreciate the assistance you have provided to Us.

Best Regards,

P Pranay
Manager-Projects

APSSDC

Krishna District.



Andhra Pradesh State Skill Development Corporation (APSSDC)
Department of Skill Development, Entrepreneurship and Innovation
(Government of Andhra Pradesh)



Door No: 4-124, maruthi Nagar, Near Railway Gate, Nowluru, Mangalgiri -
522503

30th Nov 2018

**To
The Principal
KBN College
Vijayawada.**

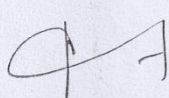

Respected Sir,

Thank you for the time given by your management to conduct Soft Skill training sessions by Naandi Foundation for Final Year students in your college premises from 16th Oct 2018 to 26th Oct 2018 and 12th Nov 2018 to 22nd Nov 2018. Your support and enthusiasm were most helpful and have assisted us in making valuable improvements to our training programme.

Any additional suggestions you may have would be welcome.

Again, I thank you so much for your help. I greatly appreciate the assistance you have provided to Us.

Best Regards,

P Pranay
Manager-Projects
APSSDC
Krishna District.

Skill Development Programme

In association with
AP State Skill Development Corporation

06/08/2018 to 17/08/2018

Organized by: Women Empowerment Cell



REPORT

Basic skills training and opportunities to experience the work place can help young people prepare for working life and support their transition from education to employment. It can help young people develop the types of behaviours, attitudes and skills that employers require from day one. These include basic literacy, maths and IT skills as well as essential life skills such as time-management, problem solving, good communication skills, and understanding the requirements and culture of the workplace.

We are organising this programme

- To develop the skills needed to find and acquire a position and be successful in the workplace
- To develop essential employability and workplace competencies
- To develop an understanding about the demands of the workplace
- To explore personal strengths and interests, related to future life and career opportunities
- To provide occupational preparation for entry into the world of work
- How to understand employer expectations?
- To identify the components of a job application
- To identify the proper process of, and the conduct required in, a job interview
- To identify the personal qualities that are needed to keep a job
- To learn how to create a CV
- To learn participation in a Group Discussion
- To learn about mannerism, etiquette and attire during an interview

Skill development meet for women begins

OUR BUREAU

Vijayawada: Women are equally good in their work when compared to men, said Gannavaram Tahsildar M Madhuri.

She was the chief guest at 10-day skill development workshop organised on the college premises of KBN College which started on Monday.

The programme was organised by the college women empowerment wing with the support of Naandhi Foundation.

Speaking on the occasion, Madhuri said that women do any work effectively whether job or business. She said that there was a wide scope of job



Gannavaram Tahsildar M Madhuri speaking at a skill development workshop at KBN College in Vijayawada on Monday

opportunities to women in companies like HCL, L & T and others established at Medha Towers, Gannavaram and the youth should make the use of those opportunities. She said that to provide jobs to the unemployed

youth, the government was releasing notification to create employment, she informed. She said that students should learn skill development courses while pursuing their graduation.

College principal Dr V Narayana Rao said that they were organising various programmes to bring out the hidden talent from the students. He said that this workshop would benefit the students who do not have computers subject in their course. He said that a few skilled professionals would participate in the 10-day workshop to guide the students.

Skill expert Sailaja, lecturers Dr Majorunnisa, P Bharati and others were present.

THE HANS INDIA Tue, 07 August 2018
epaper.thehansindia.com/c/30994512





Andhra Pradesh State Skill Development Corporation (APSSDC)
Department of Skill Development, Entrepreneurship and Innovation
(Government of Andhra Pradesh)
Door No: 4-124, Maruthi Nagar, Near Railway Gate, Nowluru, Mangalgi -
522503



15th Aug 2019

TO
The principal
KBN college
Vijayawada.

Respected sir,

Thank you for the time given by your management to conduct TALLY WITH GST Offline certification training sessions for final year students in your college premises from 15th AUG 2019 onwards(60 Hours). Your support and enthusiasm were most helpful and have assisted us in making valuable improvements to our training programme.

Any additional suggestions you may have would be welcome.

Again, I thank you so much for your help. I greatly appreciate the assistance you have provided to us.

Best Regards,

P Pranay
DSDO
APSSDC
CRDA Region.





Andhra Pradesh State Skill Development Corporation (APSSDC)
Department of Skill Development, Entrepreneurship and Innovation
(Government of Andhra Pradesh)

Door No: 4-124, Marathi Nagar, Near Railway Gate, Nowhuru, Mangalgi -
522303



25th AUG 2019

TO
The principal
KBN college
Vijayawada.

Respected sir,

Thank you for the time given by your management to conduct PYTHON online certification training sessions for final year students in your college premises from 25th AUG 2019 onwards(60 Hours). Your support and enthusiasm were most helpful and have assisted us in making valuable improvements to our training programme.

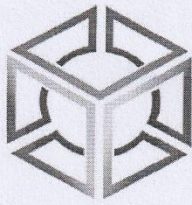
Any additional suggestions you may have would be welcome.

Again, I thank you so much for your help. I greatly appreciate the assistance you have provided to us.

Best Regards,


P Pranay
DSDO
APSSDC
CRDA Region.





**SHREE
ICON**

PHARMACEUTICAL LABORATORIES

MEMORANDUM OF UNDERSTANDING

BETWEEN

Shree Icon Pharamceutical Laboratories

AND

KBN College, Vijayawada

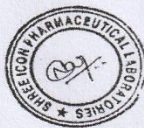
FOR DELIVERING LECTURES, RESEARCH PROJECTS AND EXCHANGE OF IDEAS

Memorandum of Understanding between Shree Icon Pharmaceutical Laboratories and KBN College, Vijayawada.

This is to confirm that the Shree Icon Pharmaceutical Laboratories, Vijayawada and KBN College, Vijayawada have entered into a Memorandum of Understanding with the following objectives and plan of action.

- To draw for both staff and students benefit with mutual exchange of ideas, exposure and expertise.
- To invite experience Research Scientist for guest Lectures as curricular enrichment programme.
- To do collaborative research

This MOU has been made for staff and students without any financial commitment on the part of both the college and Laboratory.



Director

Shree Icon Pharmaceutical Laboratories
Vijayawada

Kas.
Head of the Institution

PRINCIPAL FAJ
KBN College
Kakaraparthi Bhavanarayana College
VIJAYAWADA-1.

ADDRESS: REGENCY APPARMENTNS. FIRST FLOOR, FT (D) BLOCK, OPP. MALABAR GOLD SHOP, TBZ Jewellery back side,
LABBIPET, VIJAYAWADA-520 010, ANDHRA PRADESH. INDIA. Phone : +91 9985840126, Email: shreeiconpharma@gmail.com


**EFFECTIVE USE OF ICT FACILITIES
(SMART BOARDS & LCD PROJECTORS etc.)**

THERMAL EXPANSION OF MATERIALS

① **TEMPERATURE:** It is a physical quantity which determines the degree of hotness or coldness of a body.
S.I. : $^{\circ}\text{C}$ & K

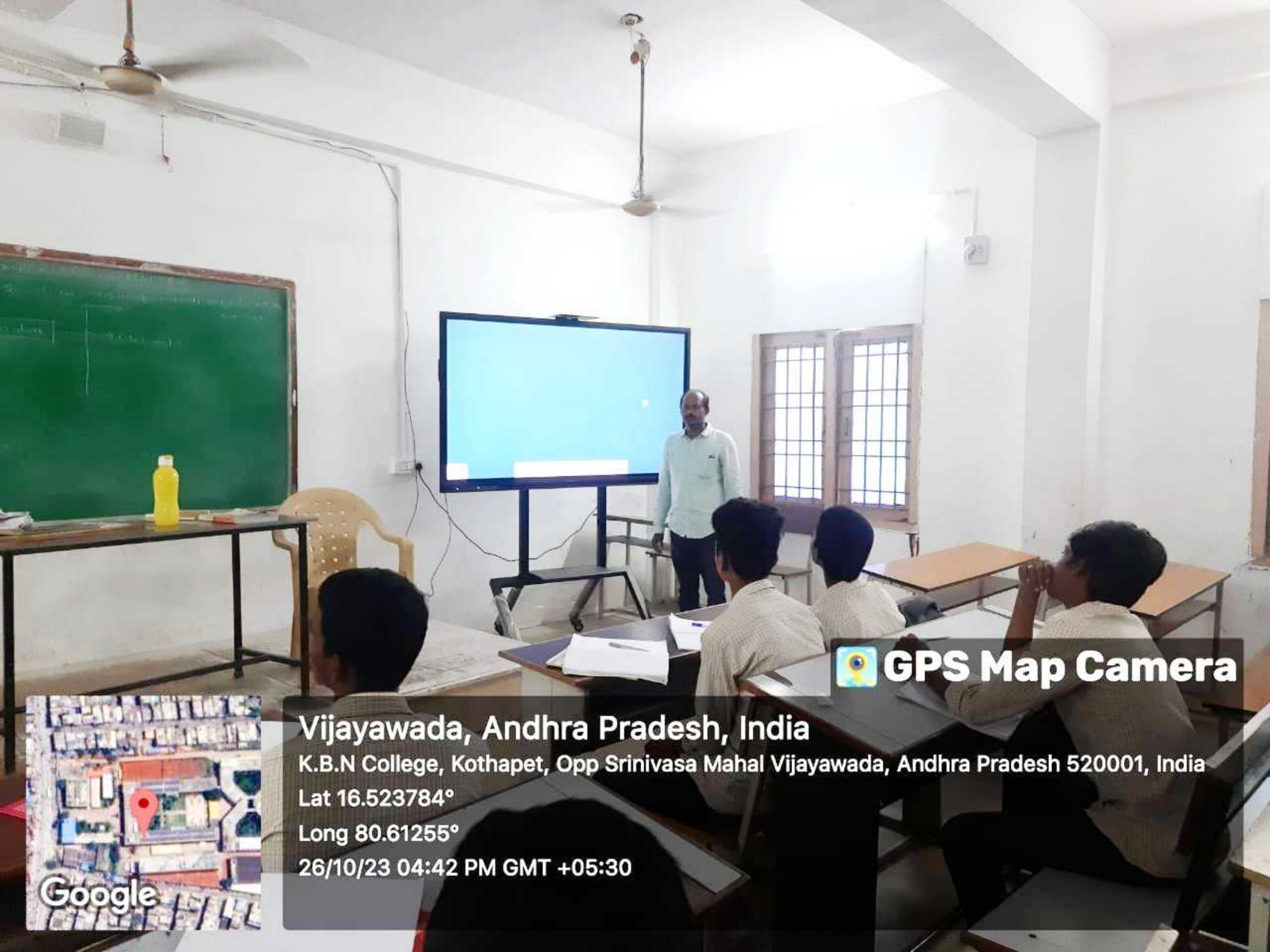
② **HEAT:** It is a form of energy which flows from high temp. region to low temp. region.
S.I. : Calorie, amount of heat required to raise the temp of 1g of water from 14.5°C to 15.5°C .
S.I. : Joule.

Calorie = 4.2 J

 **GPS Map Camera**

Vijayawada, Andhra Pradesh, India
K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India
Lat 16.523784°
Long 80.61255°
26/10/23 04:34 PM GMT +05:30






 **GPS Map Camera**

Vijayawada, Andhra Pradesh, India
K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India
Lat 16.523784°
Long 80.61255°
26/10/23 04:42 PM GMT +05:30





 **GPS Map Camera**

Vijayawada, Andhra Pradesh, India
K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India
Lat 16.523784°
Long 80.61255°
26/10/23 04:39 PM GMT +05:30





 **GPS Map Camera**

Vijayawada, Andhra Pradesh, India

K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India

Lat 16.523784°

Long 80.61255°

26/10/23 04:37 PM GMT +05:30



② THERMOMETRY: THERMAL EXPANSION

① Temperature: It is a physical quantity which determines the degree of hotness or coldness of a body.

S.I.: $^{\circ}\text{C}$ & K

② It is a form of energy which flows from temp. region to low temp. region.

C.S.I.: Calorie. Amount of heat required to raise the temp. of 1g of water from 14.5°C to 15.5°C .

M.S.I.: K. Calorie = 4.18 cal

S.I.: Joule

 **GPS Map Camera**

Vijayawada, Andhra Pradesh, India
K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India
Lat 16.523784°
Long 80.61255°
26/10/23 04:34 PM GMT +05:30





Vijayawada, Andhra Pradesh, India

K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India

Lat 16.523784°

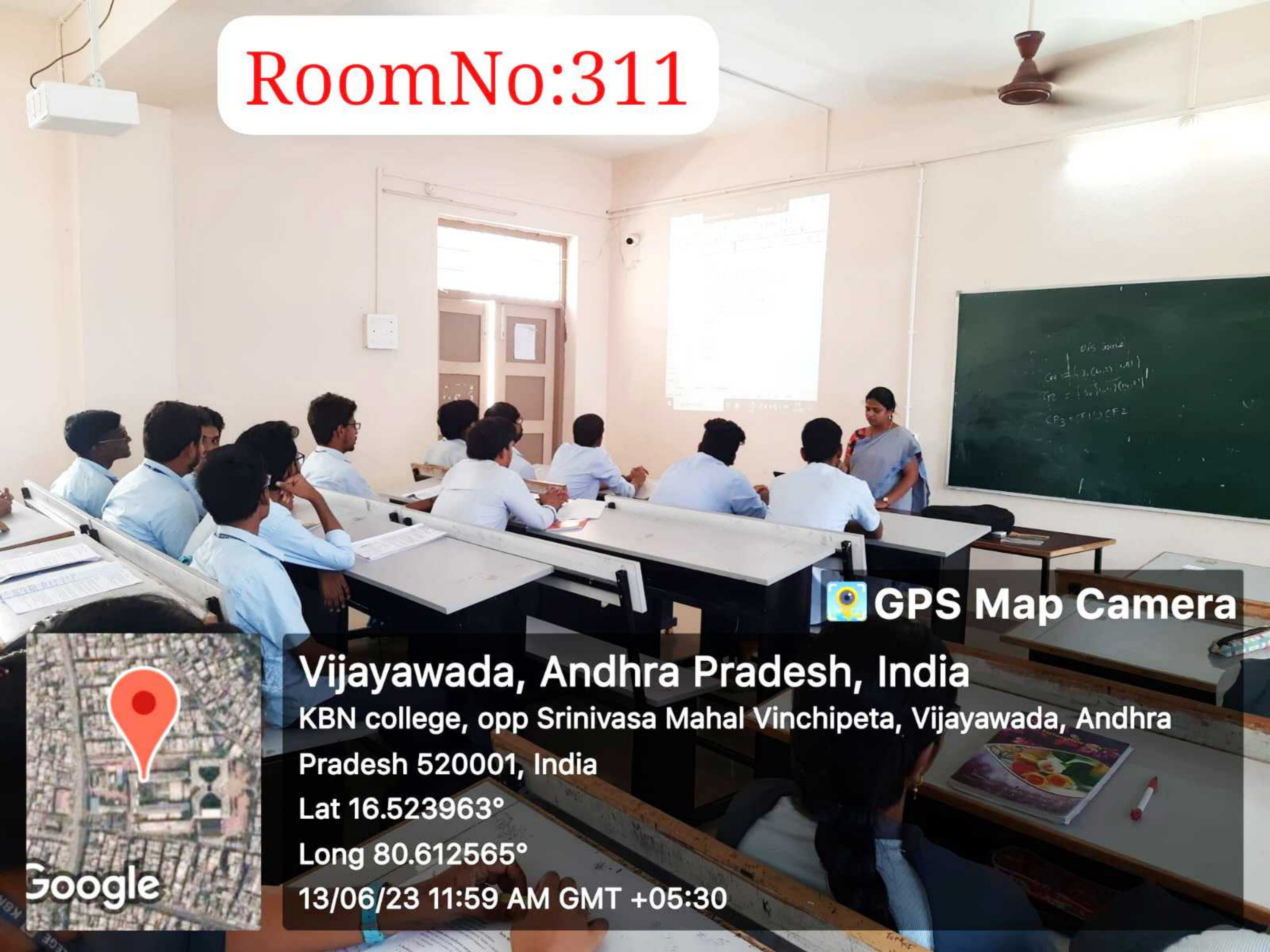
Long 80.61255°

27/10/23 11:36 AM GMT +05:30



GPS Map Camera

RoomNo:311



GPS Map Camera

Vijayawada, Andhra Pradesh, India

KBN college, opp Srinivasa Mahal Vinchipeta, Vijayawada, Andhra Pradesh 520001, India

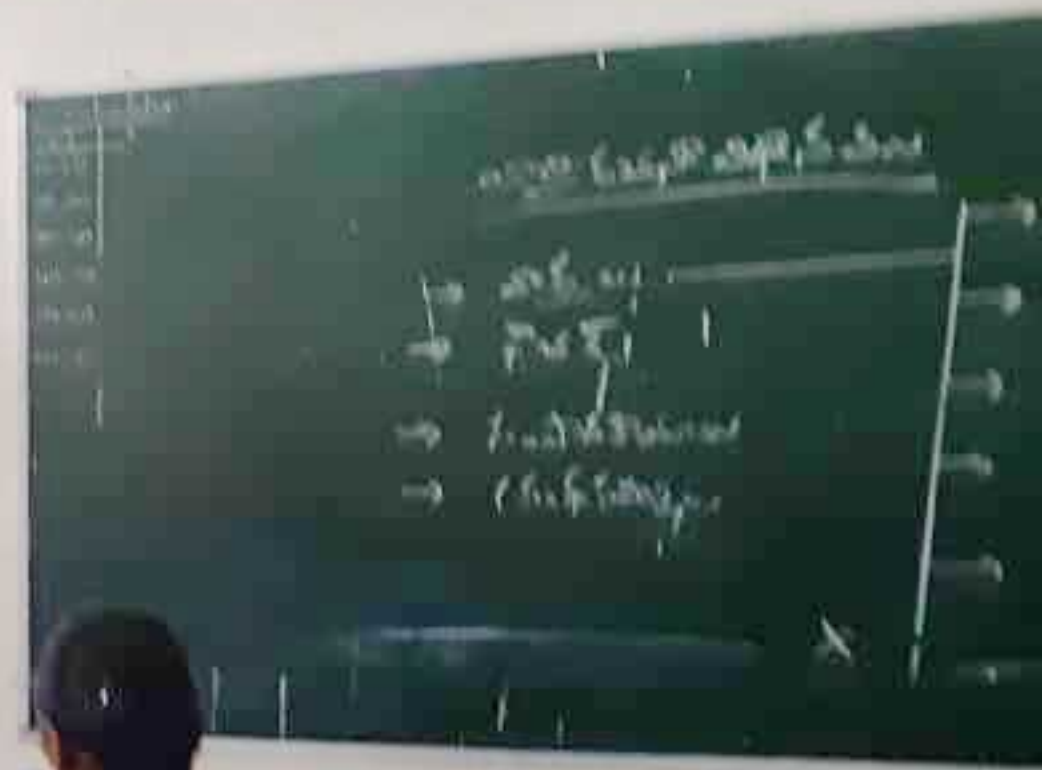
Lat 16.523963°

Long 80.612565°

13/06/23 11:59 AM GMT +05:30



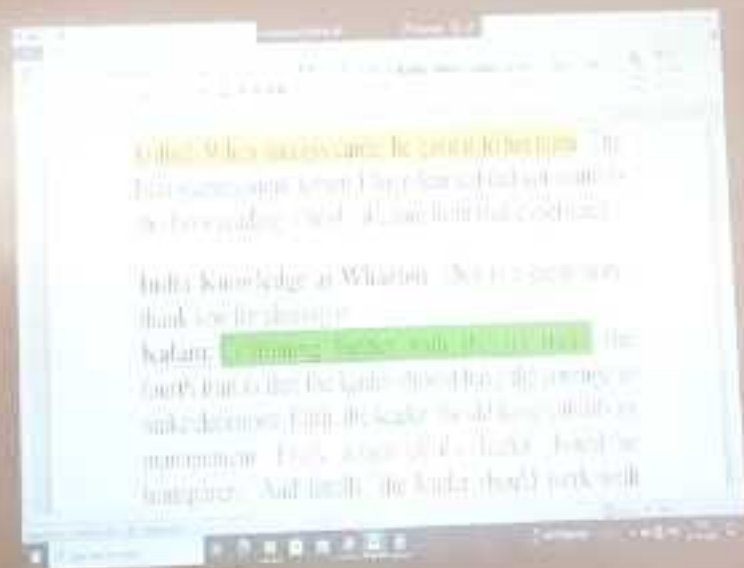
Google




 **GPS Map Camera**

Vijayawada, Andhra Pradesh, India
K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India
Lat 16.523784°
Long 80.61255°
27/10/23 11:03 AM GMT +05:30





 **GPS Map Camera**



Vijayawada, Andhra Pradesh, India
K.B.N College, Kothapet, Opp Srinivasa Mahal Vijayawada, Andhra Pradesh 520001, India
Lat 16.523784°
Long 80.61255°
27/10/23 11:23 AM GMT +05:30

Google

COLLEGE E-LEARNING PLATFORM

- **YouTube**
- **Moodles**
- **Blogs**
- **Google Class Rooms**

College YouTube Channel Link

<https://www.youtube.com/@kbncollegemedia/videos>

The screenshot displays the YouTube channel page for K.B.N. College. The channel name is "K.B.N. College" with the handle "@kbncollegemedia", 2.29K subscribers, and 480 videos. The channel's website is "kbncollege.ac.in". The page shows a grid of video thumbnails with titles in Telugu and English, including "రాజనీతి తెలుగు చిహ్నం", "వ్యక్తికరణ నైపుణ్యాలు", "Business Statistics", "Genetic Engineering", "Angular LifeCycle Hooks", "Pipes in Angular", "Database Management System", "Operating system", and "ANGULAR DATA BINDING". Each video includes its duration, view count, and upload time.

K.B.N. College
@kbncollegemedia · 2.29K subscribers · 480 videos
More about this channel >
kbncollege.ac.in
Subscribe

Home Videos Shorts Live Playlists Community Channels

Latest Popular Oldest

రాజనీతి తెలుగు చిహ్నం
Unit - 1 - Rajaneethi by Mr. R.Jitendra Kumar, Dept. of Telugu, K.B.N. College, Vijayawada...
11 views · 5 hours ago

వ్యక్తికరణ నైపుణ్యాలు
Unit - 1 | Vyakthikarana Nalpunyaalu by Mr. R.Jitendra Kumar
4 views · 5 hours ago

Business Statistics
Unit - 2 - Business Statistics by Mr. K.Shiv Prakash
12 views · 1 day ago

Genetic Engineering
Unit - 3 - Genetic Engineering by Ms. E.Honey Rachel
18 views · 1 day ago

Angular LifeCycle Hooks
Unit - 5 - Angular Life Cycle Hooks
6 views · 2 days ago

Pipes in Angular
Unit - 4 (A) - Pipes In Angular by Mr. N.S.Sai Karun
14 views · 2 days ago

Database Management System
Unit-1 - Data Base Mangement System by Mr. Suresh
10 views · 2 days ago

Operating system
Unit-1 (C) - Operating System by Ms. Sharmila Mumtaz
10 views · 2 days ago

Operating system

Operating system

ANGULAR DATA BINDING

ANGULAR DATA BINDING

FACULTY USING GOOGLE MEET

The screenshot shows a Google Classroom interface for the course 'III CBZ 2020-21'. At the top, there are navigation tabs for 'Stream', 'Classwork', 'People', and 'Grades'. The main header features a green banner with the course name and a 'Customize' button. Below the banner, the 'Class code' is 'x4avtpi'. The 'Upcoming' section indicates 'No work due soon'. The 'Stream' section contains an announcement box and two assignment posts by Krishnaveni Gudela, both dated Sep 1, 2020 (Edited Sep 12, 2020). The assignments are: 'Write the chemical properties of nitro compo...' and 'Write the preparation methods of aliphatic nitro...'. There is also a note for '1 class comment'.

The screenshot shows a Google Classroom interface for the course 'II MSc Organic Chemistry'. At the top, there are navigation tabs for 'Stream', 'Classwork', 'People', and 'Grades'. The main header features a blue banner with the course name and a 'Customize' button. Below the banner, the 'Class code' is 'hkozfsn'. The 'Stream' section contains an announcement box with the text 'Announce something to your class'.



Instructions

Student Work

Due Feb 8

Compare and contrast Divide and Conquer, Greedy Method and Dynamic Programming?

100 points

Submit your answers on or before 8th Feb 2020

Class comments



Yesaswi Chinni Feb 7

Divide and Conquer is an algorithmic pattern. In algorithmic methods, the design is to take a dispute on a huge input, break the input into minor pieces, decide the problem on each of the small pieces, and then merge the piece wise solutions into a global solution. This mechanism of solving the problem is called the Divide & Conquer Strategy.

Divide and Conquer algorithm consists of a dispute using the following three steps.

Divide the original problem into a set of sub problems.

Conquer: Solve every sub problem individually, recursively.

Combine: Put together the solutions of the



100 points ▾



Instructions

Student work

0

Handed in

0

Assigned

17

Marked



Marked



Akhil Varma

90/100
Not handed in



Ameesha Shaik

90/100



Bandaru Harshavardhan R...

85/100



Hareeshkumar Therli27

85/100



Kvlharitha98 Haritha

80/100



Meghana naidu

80/100



Nikki Katakam

80/100

Instructions

Student work

BBC Spectra

100 points

Submit on or before 16th Feb, 2020

Class comments



sailaja botta 12 Feb

What about remaining numbers



sailaja botta 17 Feb

Submit immediately

Instructions

Student work

0

Handed in

3

Assigned

14

Marked



Assigned



CHARAN KUMAR

Assigned



Ramanjaneyulu Krovi

Assigned



Vamsi Chowdary Hari

Assigned



Marked



Akhil Varma

90/100
Not handed in



Ameesha Shaik

98/100



Bandaru Harshavardhan R...

80/100



II M.Sc.(Chemistry)

A



Share with your class...



Saved announcements (1)



New assignment: Electrocyclic reactions

12 Feb



Add class comment



Stream




Classwork



People

Hi Sailaja,

Mrp Pavan posted a new assignment in [II MSC\(CS\) MACHINE LEARNING](#).



KNN

Explain the implementation of KNN in 200 words submit in pdf form

[OPEN](#)

If you don't want to receive emails from Classroom, you can [unsubscribe](#).



KNN

100 points

Your work

Assigned

 Mrp Pavan 11:27 AM


Explain the implementation of KNN in 200 words submit in pdf form

Private comments



KNN Algorithm using Python...
YouTube video 19 minutes

Class comments

 Class has been archived by your teacher. You can't add or edit anything.

E-CONTENT BY FACULTY THROUGH BLOGS

← E-CONTENT DEVELOPED BY V.SURESH LECTURER IN
COMPUTER SCIENCE-K.B.N COLLEGE-VIJAYAWADA



SYSTEM CALLS ON OPERATING SYSTEM



September 04, 2020

System Calls in Operating System

A system call is a way for a user program to interface with the operating system. The program requests several services, and the OS responds by invoking a series of system calls to satisfy the request. A system call can be written in assembly language or a high-level language like **C** or **Pascal**. System calls are predefined functions that the operating system may directly invoke if a high-level language is used.

In this article, you will learn about the system calls in the operating system and discuss their types and many other things.

What is a System Call?

A system call is a method for a computer program to request a service from the kernel of the **operating system** on which it is running. A system call is a method of interacting with the operating system via programs. A system call is a request from computer software to an operating system's kernel.



DBMS AND JAVA by V T RAM PAVAN KUMAR ASST. PROFESSOR (KBN COLLEGE)

Java Beans Program



September 27, 2019

```
Index.jsp <html> <head> <meta http-equiv="Content-Type" content="text/html; charset=UTF-8"> <title>JSP
Page</title> </head> <body> <form action="process.jsp"> <input type="text" name="uname"
value="name" onclick="this.value='/'><br/> <input type="text" name="uemail" value="emailid"
onclick="this.value='/'><br/> <input type="password" name="upass" value="password" onclick="this.value='/'><br/>
<input type="Submit" value="register"/> </form> </body> </html> Process.jsp <%@page ...
```



1 comment

[READ MORE](#)

ONLINE ASSESSMENT TESTS

Inorganic and Physical Chemistry (R2OCHE101)

2nd Mid examination

 gkveni2003@kbncollege.ac.in (not shared) [Switch account](#) 

* Required

The solutions of different compositions co-existing with one another are called * 1 point

- Azeotropic solutions
- conjugate solutions
- immiscible solutions
- none

Name of the Student *

Questions Responses **114** Settings







Total points: 30

Inorganic and Physical Chemistry (R2OCHE101)

2nd Mid examination

Name of the Student *

Short answer text

2020-21
FEEDBACK FORMS
(QUESTIONNAIRE)

ONLINE FORMS

STUDENT:

<https://forms.gle/HUzYCcJBxYuRf2kL6>

ALUMNI:

<https://forms.gle/LBDqGD4HTKJdcYxcA>

TEACHERS:

<https://forms.gle/cWAj1sRCYAQXddgeA>

EMPLOYERS:

<https://forms.gle/TtS1FbzjmnG7Db8c8>

2021-22
FEEDBACK FORMS
(QUESTIONNAIRE)

ONLINE FORMS

SSS:

<https://forms.gle/eSwekoacU8dVGDNq5>

TEACHERS:

<https://forms.gle/bbKSyrqtDz9Gkbmp7>

EMPLOYERS:

<https://forms.gle/K6anz3Ri9swp6GSXA>

ALUMNI:

<https://forms.gle/k4obJzEBKpz2ET8e6>

2022-23
FEEDBACK FORMS
(QUESTIONNAIRE)

ONLINE FORMS

SSS:

<https://forms.gle/1xKGYvmx9SBDgqpi9>

ALUMNI:

<https://forms.gle/vdEzcJPEpB3JdwdL6>

TEACHERS:

<https://forms.gle/mSr2dYb5A9iRfG987>

EMPLOYERS:

<https://forms.gle/AM12V8KG15kuRHtK7>

VIRTUAL LABS
(COVID – 19 PANDEMIC PERIOD)

KAKARAPARTI BHAVANARAYANA COLLEGE

(AUTONOMOUS)

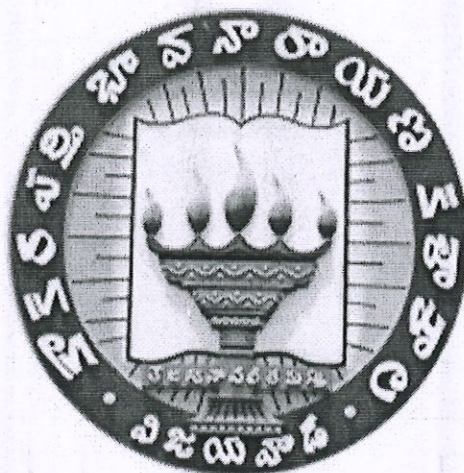
(Sponsored by S.K.P.V.V. Hindu High Schools' Committee)

Kothapeta, Vijayawada -1

ISO: 9001-2008

NAAC "A" Grade

DEPARTMENT OF UG CHEMISTRY



Virtual Labs

Conducted by

NAME OF THE LECTURER : Dr. G.Krishnaveni

CLASS : IIM.SC

TOPIC : Paper Chromatography

Date : 17-4-2023



(http://www.cdac.in/)



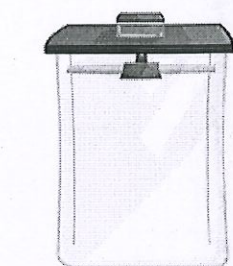
(http://www.amrita.edu/create)

you are here-> home (<https://www.olabs.edu.in/>)-> chemistry (?sub=73)-> class 12 (?sub=73&brch=8)-> paper chromatography ()

Paper Chromatography

1. Separation of components from a mixture of red and blue inks

Materials Required



Chromatographic chamber
with lid



Measuring jar



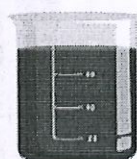
Whatman filter paper strip
(20 x 2 cm)



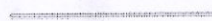
Isopropyl alcohol



Distilled water



Mixture of red
and blue inks



Glass rod



Fine capillary tube



Pencil



Scale

Real Lab Procedure

- Take a Whatman filter paper strip and using a pencil draw a horizontal line 4cm from one end of the paper. Then draw another line lengthwise (vertically) from the centre of the paper. Name the point at which the two lines intersect as P.
- Using a fine capillary tube, put a drop of the mixture of red and blue inks at the point P. Let it dry in air.
- Put another drop on the same spot and dry again, so that the spot is rich in the mixture.
- Pour equal amounts of isopropyl alcohol and distilled water into a chromatographic chamber and mix it well using a glass rod. This is used as the solvent.
- Suspend the filter paper vertically in the chromatographic chamber containing the solvent in such a way that the pencil line remains about 2cm above the solvent level.
- Close the jar with its lid and keep it undisturbed.
- Notice the rising solvent along with the red and blue inks. After the solvent has risen about 15 cm you will notice two different spots of blue and red colors on the filter paper.
- Take the filter paper out of the jar and using a pencil mark the distance that the solvent has risen on the paper. This is called the solvent front.

- Dry the filter paper and put pencil marks at the centre of the red and blue ink spots.
- Measure the distance of the two spots from the original line and the distance of the solvent from the original line.
- Calculate the R_f values of the red and blue inks using the formula,

$$R_f = \frac{\text{Distance travelled by the component from the original line}}{\text{Distance travelled by the solvent from the original line}}$$

Observation

Observations can be recorded as shown.

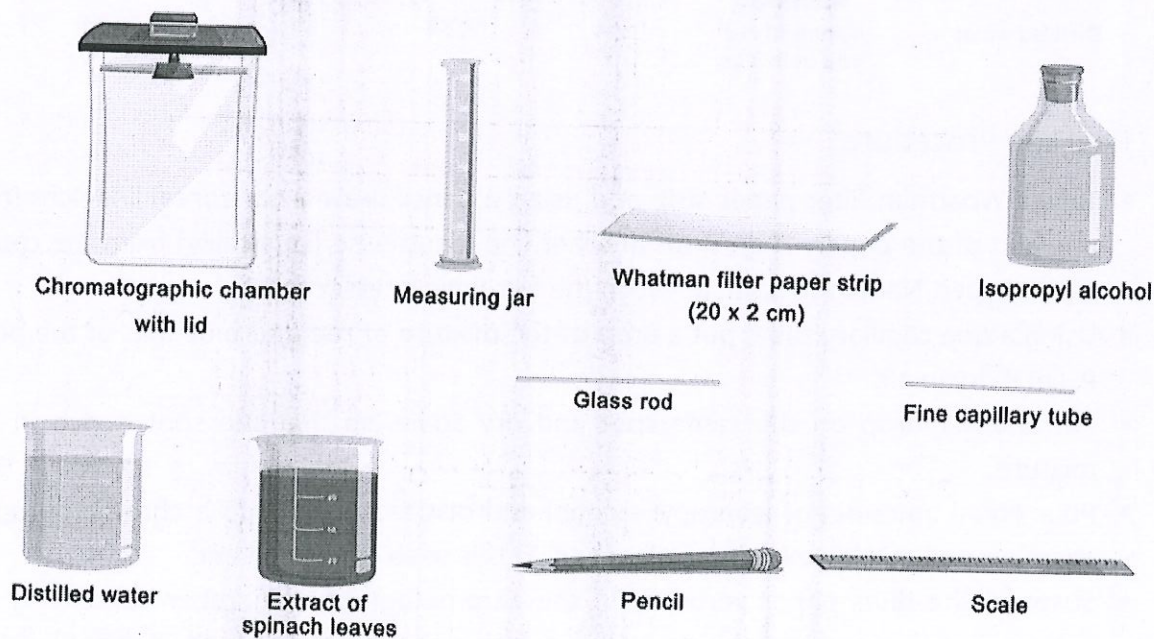
SI No.	Components	Distance travelled by the component from original (cm)	Distance travelled by the solvent from the original line (cm)	R_f value
1.	Red			
2.	Blue			

Inference

- R_f value of red ink =
- R_f value of blue ink =

2. Separation of pigments from the extract of spinach leaves

Materials Required



Real Lab Procedure

- Take a Whatman filter paper strip and using a pencil draw a horizontal line 4cm from one end of the paper. Then draw another line lengthwise (vertically) from the centre of the paper. Name the point at which the two lines intersect as P.

Simulator Procedure (as performed through the Online Labs (<http://amrita.olabs.co.in/>))

- You can select the mixture from 'Select the mixture' drop down list.
- To take the sample, drag the capillary tube to the watch glass and drag it back to the filter paper to drop the sample on the point 'P'.
- To open the chromatographic chamber, click on its lid.
- Drag the filter paper to the chromatographic chamber containing solvent to suspend the filter paper in it.
- Click on the lid to close the chromatographic chamber.
- You can see that the components of the mixture rising along with the solvent.
- Wait till the solvent reaches its maximum height.
- Click on the filter paper to take it out from the chromatographic chamber.
- You can see the inference by clicking on the inference icon.
- You can measure the distance travelled by the solvent (solvent front) and the distance travelled by each component of the mixture from the original line using a scale by clicking on the 'Show scale' check box.
- You can see the zoomed view of the scale readings on the right side of the filter paper.
- You can verify the values by entering the values in the respective check boxes on the left side menu.
- You can calculate the Rf value of each component using the equation of Rf value and can verify your result by entering the values in the respective check boxes. (Round up the decimal values. (E.g., 0.775 should be rounded up to 0.78).
- To redo the experiment, click on the 'Reset' button.

Note: Click on the '**HELP**' button to see the instructions.

Precautions

- Use good quality pencil for drawing the reference line so that the mark does not dissolve in the solvent in which the chromatography is carried out.
- Always use a fine capillary tube.
- Keep the jar undisturbed and covered during the experiment.
- The spot should be small and rich in mixture.
- Allow the spot to dry before putting the strip in the jar.
- Keep the strip erect. Do not let it curl.
- Do not allow the spot to dip in the solvent.

Developed by Amrita Vishwa Vidyapeetham (<https://www.amrita.edu/create>) & CDAC Mumbai.
(<http://www.cdac.in/>) Funded by MeitY (Ministry of Electronics & Information Technology)

English हिंदी മലയാളം मराठी

Follow 7.2K people are following this.
Be the first of your friends to

- Using a fine capillary tube, put a drop of the extract of spinach leaves at the point P. Let it dry in air.
- Put another drop on the same spot and dry again, so that the spot is rich in the leaf extract.
- Pour equal amounts of isopropyl alcohol and distilled water into a chromatographic chamber and mix it well using a glass rod. This is used as the solvent.
- Suspend the filter paper vertically in the chromatographic chamber containing the solvent in such a way that the pencil line remains about 2cm above the solvent level.
- Close the jar with its lid and keep it undisturbed.
- Notice the rising solvent along with the coloured components of the leaf extract.
- After the solvent has risen to about 15 cm you will notice two different spots of coloured components on the filter paper.
- Take the filter paper out of the jar and using a pencil mark the distance that the solvent has risen on the paper. This is called the solvent front.
- Dry the filter paper and put pencil marks at the centre of each spot.
- Measure the distance of each spot from the original line and the distance of the solvent front from the original line.
- Calculate the R_f values of different components of leaf extract by using the formula,

$$R_f = \frac{\text{Distance travelled by the component from the original line}}{\text{Distance travelled by the solvent from the original line}}$$

Observation

Observations can be recorded as shown.

SI.No	Component	Distance travelled by the component from the original line (cm)	Distance travelled by the solvent from the original line (cm)	R_f value
1.	Orange (Carotene)			
2.	Yellow (Xanthophyll)			
3.	Light green (Chlorophyll a)			
4.	Dark green (Xanthophyll)			

Inference

- R_f value of orange (Carotene) =
- R_f value of Yellow (Xanthophyll) =
- R_f value of Light green (Chlorophyll a) =
- R_f value of Dark green (Xanthophyll b) =

**Teaching- Learning- Innovative Methods**

virtual labs.

Topic: Paper chromatography.Class: II M.Sc.Date: 17/4/2023

ROLL. No.	Name of the Student	Signature
210414	K. Harshitha	K-HAB
210426	sd-zainab	Zainab
210415	L. Mounica	Mounica
210432	Aabee durnisa	Aabee S.
210423	P. Pradee	P. Pradee
210409	Ch. Roshini	Roshini
210421	P. Reshma	P.
210408	Ch. Shiny	Ch. Shiny
210419	M. V. Dayabhawan	M.V.
210416	M. Suguna Kumari	M. Suguna
210431	V. Naga Lakshmi	V. Naga Lakshmi
210407	B. Sai Dwaga prasad	B. Sai Dwaga prasad
210420	P. Krishnaveni	P. Krishna
210404	A.V. Kiran Kumar	A.V. Kiran Kumar
210417	MD. Hussain	MD. Hussain
210402	A. Saipavan	A. Saipavan
210429	U.V. bhandra	U.V.
210430	U. Raveendra Reddy	U. Raveendra Reddy
210403	A. Seikuma	A. Seikuma
210418	M. Manoj Kumar	M. Manoj Kumar
210618	O. Manikanta	O. Manikanta
210609	J. Sunil	J. Sunil
210619	P. Satyambabu	P. Satyambabu
210605	Ch. Venkateswar Rao	Ch. Venkateswar Rao
210607	D. Harish	D. Harish

Signature of Lecturer

Signature of HOD

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

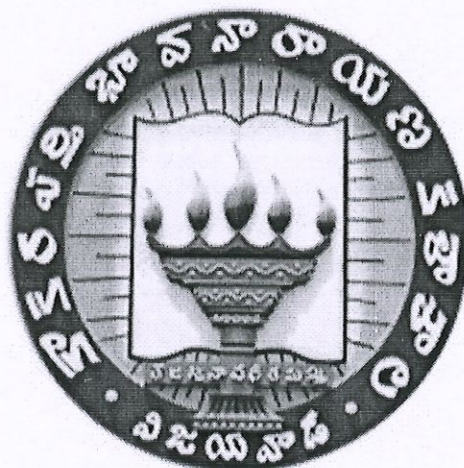
(Sponsored by S.K.P.V.V. Hindu High Schools' Committee)

Kothapeta, Vijayawada - 1

ISO: 9001-2008

NAAC "A" Grade

DEPARTMENT OF PG CHEMISTRY



VIRTUAL LABS

Name of the Lecturer : O. Sailaja
Class : II M.Sc Chemistry
Topic : Spectrophotometry
Date : 24-03-2021



KAKARAPARTI BHAVANARAYANA COLLEGE (A)

(Sponsored by S.K.P.V.V. Hindu High Schools committee)

Kothapet, Vijayawada-520001

A College with Potential for Excellence (CPE)

Teaching- Learning- Innovative Methods

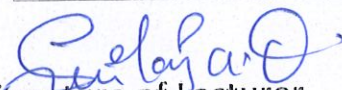
VIRTUAL LABS

Topic: spectrophotometry

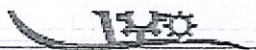
Class: II MSc CHEMISTRY

Date: 24-03-2021

ROLL.NO	Name of the Student	Signature
7128	R. Karica	Karica
7112	G. Sirisha	Sirisha
7120	M. Hemalatha	Hemalatha
7130	S. Bhagya Sri	S. Bhagya Sri
7119	K. Harshini	K. Harshini
7118	K. Madhubala	Madhubala
7122	M. Jyothi	M. Jyothi
7125	P. Bhavani	P. Bhavani
7109	D. Anuradha	Anuradha D.
7101	A. Keerthi	A. Keerthi
7126	P. Yaswanth Kumar	P. Yaswanth Kumar
7107	Ch. Srinivas	Srinivas
7131	Mizamueldin	M. Mizamueldin
7115	J. Kushal	Kushal


Signature of Lecturer


Signature of HOD



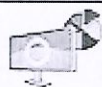
Spectrophotometry



Theory



Procedure



Self Evaluation



Simulator



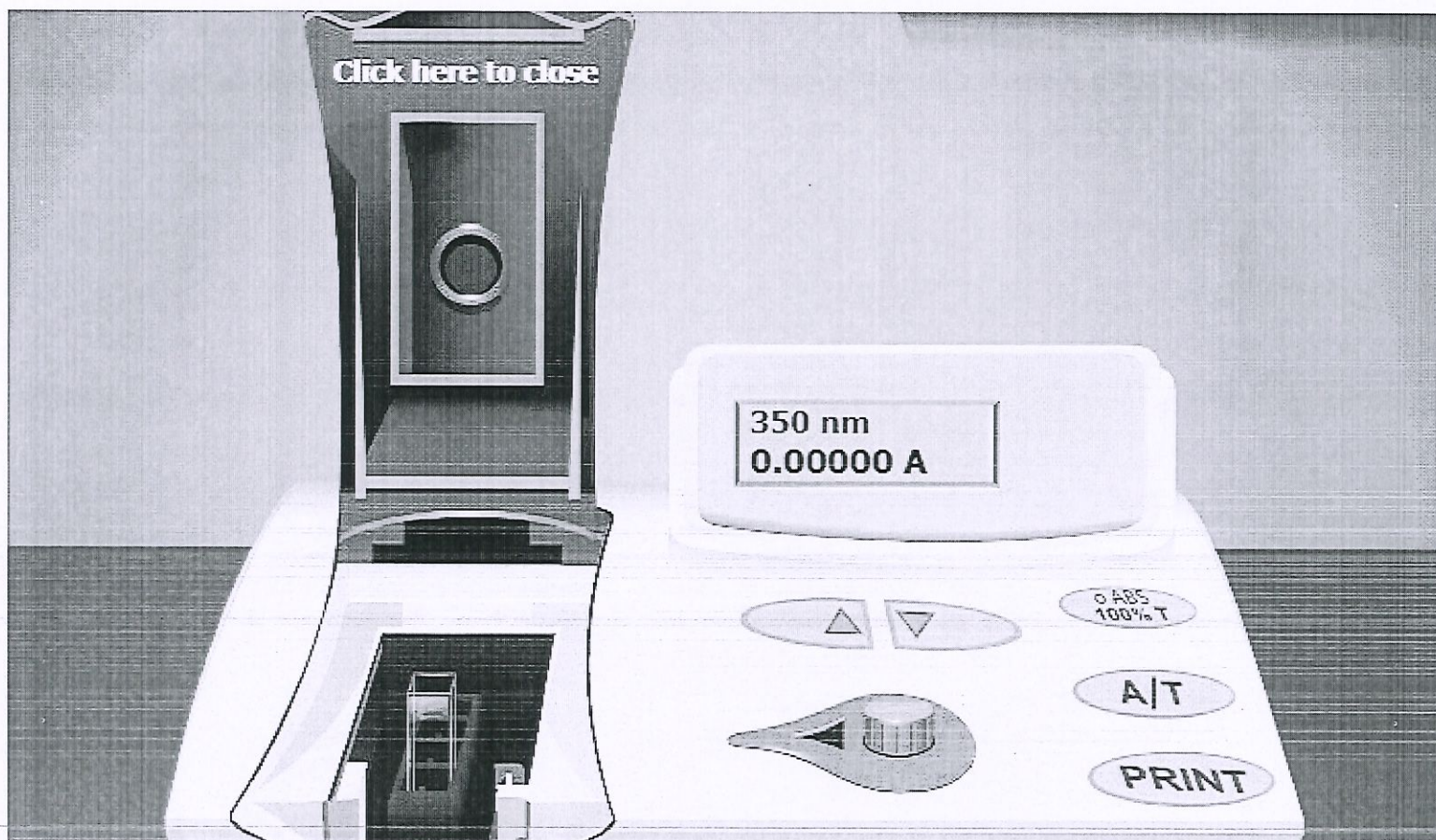
Assignment



Reference



Feedback



**PROFESSIONAL DEVELOPMENT PROGRAMMES
ON ICT TOOLS**

Teacher Orientation & Training Programme on

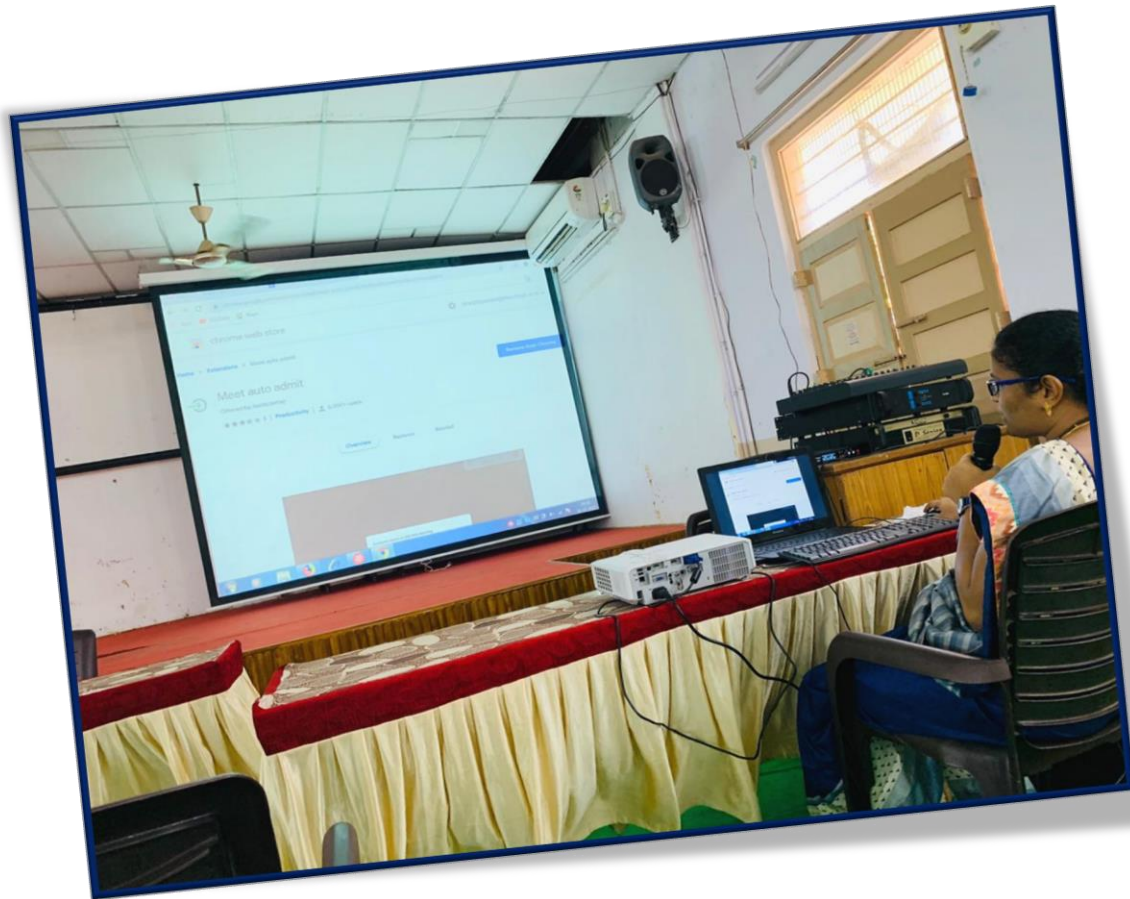
‘Share 2020 Academic View’

By using Google Meet App

8th July, 2020



Sri E. Vara Prasad, Vice- Principal addressing the staff about



How to record in G-Suit app by Dr. P. Bharathi Devi, IQAC Co-





Staff at the Programme

In the last week of March, state governments throughout the nation over started closing down schools and universities briefly as a measure to contain the spread of the novel coronavirus. Almost three months over and there is no assurance when they will revive. The structure of schooling and learning, including teaching and assessment methodologies, was the first to be affected by these closures.

Only a handful of private schools and colleges could adopt online teaching methods. This is the time to find ways to continue the teaching their students where physical contact is no longer possible. Keeping this in mind, the IQAC of KBN College organized an Orientation Programme as a part of quality initiative in the process of teaching learning process more effective. The IQAC coordinator Dr. P. Bharathi Devi started the session with a few tips of how to shape the academics of 2020-2021 Academic year, how we overcome this pandemic in the field of education and also demonstrated the various online tools which are freely available in the web for making teaching process effective.

The session started at 10.00 am and ended by 12.30 p.m. In this session, she demonstrated various online tools which will helpful as part of building career of a student through online teaching. The session started with the demonstration of how to host and

create meetings using Google meet as well as how to schedule the meetings prior. Previously the G-suite Id's were distributed to all the faculty for utilizing all the Google services in the field of education. She also demonstrated how to install plugins from the Google web store for taking online attendance, mute all the participants etc.,

The sharing of screen to the students also explained by her. Four plugins named google meet attendance, meet mute all, Google meet grid, Google meet auto admit and their importance for taking classes online. With the help G-suite ids the faculty also recorded the lecture. After the class over, the recorded video automatically stored in their Google drives. She also explained how to upload the recorded videos in the Youtube and also how to share the link to the students. She also explained the importance of Jam board while taking a lecture through Google meet. After the session, some faculty were doing the same things covered in the lecture at Lab.

Finally, the session ended by the words of Sri E. Varaprasad, Vice-Principal. Mr. P. L. Ramesh, Director, Academic & Planning, Mr. S. Venkatesh, Director, PG Courses were also associated with this programme.

NEWSPAPER CLIPPINGS

కేబీఎన్లో ఫ్యాకల్టీ డెవలప్‌మెంట్ కార్యక్రమం
వన్టాన్ : కొత్త పేటలోని కాకరపర్తి భావనారాయణ (కేబీఎన్) కళాశాల ఐక్యూ ఎసీ ఆధ్వర్యంలో గురువారం ఫ్యాకల్టీ డెవలప్‌మెంట్ ప్రోగ్రామ్‌ను ఆన్‌లైన్ ద్వారా నిర్వహించారు. ఐక్యూఎసీ ఇన్‌చార్జి పి.భారతీదేవి ఆన్‌లైన్ తరగతుల నిర్వహణ, సాంకేతిక పరిజ్ఞానం వంటి అంశాలను వివరించారు. ఇన్‌చార్జి ప్రీన్సిపాల్ ఈ.వర ప్రసాద్, ఆకడమిక్ డైరెక్టర్ పి.ఎల్.రమేష్, పీజీ డైరెక్టర్ ఎన్.వెంకటేష్ పాల్గొన్నారు.

ఆంధ్రజ్యోతి Fri, 10 July 2020 
<https://epaper.andhrajyothy>

సాంకేతికతే విద్యారంగానికి రక్ష



వన్టాన్, జులై 9 (ప్రభన్యూస్) : విద్యారంగం నూతన సాంకేతిక పరిజ్ఞానాన్ని అందిపుచ్చుకున్న పుడే కరోనా విపత్తు నుంచి బయట పడుతుందని పాతబస్తీలోని కేబీయన్ కళాశాల ఇన్చార్జ్ ప్రిన్సిపాల్ ఈ. వరప్రసాద్ అన్నారు. కేబీయన్ కళాశాల ఐక్యూపీసీ ఆధ్వర్యంలో ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రామ్ ను ఆన్లైన్ ద్వారా నిర్వహించారు. కార్యక్రమాన్ని ప్రారంభించిన వరప్రసాద్ మాట్లాడుతూ కరోనా విపత్తు వలన విద్యార్థుల జీవితాల్లో చాలా విలువైన సమయం వృథా అవుతోందన్నారు. అనంతరం ఐక్యూపీసీ ఇన్చార్జ్ పి. భారతీదేవి ఆన్లైన్ తరగతుల నిర్వహణ, సాంకేతిక పరిజ్ఞానం తదితర అంశాలపై వివరించారు. అకడమిక్ డైరెక్టర్ పీ.ఎల్. రమేష్, పీజీ డైరెక్టర్ ఎన్. వెంకటేష్ పాల్గొన్నారు.

నూతన సాంకేతికతను అందిపుచ్చుకోవాలి

వన్టాన్: విద్యారంగం నూతన సాంకేతిక పరిజ్ఞానాన్ని అందిపుచ్చుకున్న పుడే కరోనా విపత్తు నుంచి బయటపడుతుందని కాకరపర్తి భావనారాయణ కళాశాల ఇన్చార్జ్ ప్రిన్సిపాల్ ఇ.వరప్రసాద్ అన్నారు. కాకరపర్తి భావనారాయణ కళాశాల ఐక్యూపీసీ ఆధ్వర్యంలో ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రామ్ ను ఆన్లైన్ ద్వారా గురువారం నిర్వహించారు. ఈ సందర్భంగా కార్యక్రమాన్ని ప్రారంభించిన వరప్రసాద్ మాట్లాడుతూ కరోనా విపత్తు వలన విద్యారంగం తీవ్రమైన సంక్షోభ పరిస్థితులను ఎదుర్కొంటుందన్నారు. ప్రస్తుత పరిస్థితులను అధిగమించి విద్యార్థుల భవిష్యత్తును తీర్చిదిద్దటానికి నూతన సాంకేతిక పరిజ్ఞానాన్ని విద్యారంగంలో అన్వయించటం అవసరమన్నారు. అనంతరం ఐక్యూపీసీ ఇన్చార్జ్ పి. భారతీదేవి ఆన్లైన్ తరగతుల నిర్వహణ, సాంకేతిక పరిజ్ఞానం తదితర అంశాలపై వివరించారు. ఈ కార్యక్రమంలో అకడమిక్ డైరెక్టర్ పి.ఎల్. రమేష్, పీజీ డైరెక్టర్ ఎన్. వెంకటేష్ తదితరులు పాల్గొన్నారు.



మాట్లాడుతున్న కేబీయన్ కళాశాల ఇన్చార్జ్ ప్రిన్సిపాల్ ఇ.వరప్రసాద్

Fri, 10 July 2020
epaper.prajasakti.com/c/53352336

Fri, 10 July 2020
https://epaper.prabhanews.com/c

సాంకేతికతతో విపత్తును ఎదుర్కోవాలి

వన్టాన్: విద్యారంగం నూతన సాంకేతిక పరిజ్ఞానాన్ని అందిపుచ్చుకున్న పుడే కరోనా విపత్తు నుంచి ప్రపంచం బయటపడుతుందని కేబీఎన్ కళాశాల ఇన్చార్జ్ ప్రిన్సిపాల్ ఇ.వరప్రసాద్ అన్నారు. ఆ కళాశాల ఐక్యూపీసీ ఆధ్వర్యంలో ఫ్యాకల్టీ డెవలప్ మెంట్ ప్రోగ్రామ్ ను ఆన్లైన్ ద్వారా నిర్వహించారు. ఈ సందర్భంగా కార్యక్రమాన్ని ప్రారంభించిన వరప్రసాద్ మాట్లాడుతూ ప్రస్తుత పరిస్థితులను అధిగమించి విద్యార్థుల భవిష్యత్తును తీర్చిదిద్దటానికి నూతన సాంకేతిక పరిజ్ఞానాన్ని విద్యారంగంలో అన్వయించటం అవసరమన్నారు. సామాజిక పరిస్థితుల నేపథ్యంలో ప్రారంభంలో కొన్ని ఇబ్బందులు ఎదురైనా, రానున్న కాలంలో సాంకేతిక పరిజ్ఞానం విద్యారంగానికి మరింత అండగా ఉంటుందన్నారు.

Fri, 10 July 2020
https://epaper.sakshi.com/c/53352501

	 <p>Teacher Orientation Programme on “Pedagogy Tools”</p> <p>Organized by: Internal Quality Assurance Cell</p> <p>17th December, 2019</p>
--	---

IQAC Organized a Teacher Orientation Training Programme (ToT) on “Pedagogy Tools” to all the PG faculty to assess the student performance through Virtual Classroom. In this session, the IQAC Coordinator explained the importance of creating a virtual classroom in this digital era. She advised the faculty to download Google classroom app from the play store and use this app as a virtual class room. She explained the module in the Google classroom like

1. How to Create a Class
2. How to invite the students by using their Mail Ids or How to join the students by using the unique class code.
3. How to prepare the material itself by using Google slides, Google docs, etc., in the Google classroom.
4. How to send the materials available in the local system or in the cloud to all the students.
5. How to create a student as a monitor
6. How to give assignments to the students.
7. How to create an online quiz and how it will send to student to attempt the quiz.
8. How to make announcements and
9. How to give grading to the assignments submitted by the students.

After the completion of the session, she conducted lab session to all the faculty and the faculty had practiced all the modules related to Google classroom. Finally, they created Google classroom and forwarded some information to the students.



Talk on "Google Class Room" by Dr. P. Bharathi Devi, IQAC Co-ordinator & Head, Dept. of MCA



Staff at the Programme

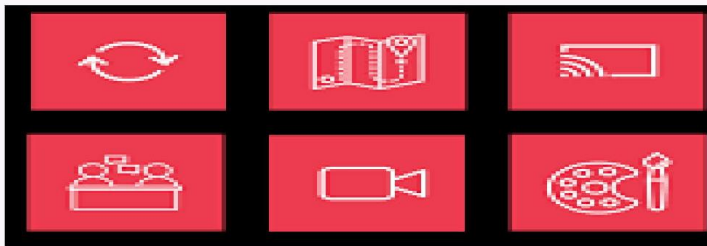


Lab Session to faculty



INVITATION

Teacher Orientation Programme
On
“Pedagogy Tools”



17th December, 2019

Organized by
Internal Quality Assurance Cell

By
Dr. P. Bharathi Devi
IQAC Co-ordinator & Head, Dept. of MCA



EX.2-

ENHANCING STUDENT'S TECHNICAL SKILLS THROUGH ACTIVITIES

- **Workshops on 'Technical Skills' – List & Reports**
- **Internships Certificates**
- **Certificate Courses – Syllabus & Certificates (For Reference)**
- **MoU's with Industries**

**WORKSHOPS ON 'TECHNICAL
SKILLS' – LIST & REPORTS**

ACADEMIC YEAR – 2022-2023

- o Five-Day Workshop on 'Python for Data Analysis' was organized by Department of Mathematics & Statistics from 5th to 10th January, 2023. Resource Person: Dr. P. Siva Kumar, Asso. Prof., Department of CSE, KL University, Guntur.
- o Two-Day Workshop on 'PCB Design' (Under Autonomous Funds) in collaboration with Microlink Peripheral (P) Ltd., Vijayawada organized by Department of Physics & Electronics on 9th & 10th December, 2022.
- o Two-Day National Workshop on 'Blockchain and It's Applications' (Under autonomous Funds) in collaboration with APSCHS organized by Department of Computer Science & Applications on 29th & 30th November, 2022. Resource Person: Mr. Ajinkya Lohakare, CTO at Ditto security
- o Three-Day National Workshop on 'Clinical Research' in collaboration with CAVAXION Clinical Research Pvt. Ltd., Vijayawada, organized by Department of PG Chemistry on 19th, 21st & 22nd November, 2022.
- o Two-Day Workshop on 'Devops Core & Cloud Integration' on the occasion of World Students' Day 2022 to commemorate the Birth Anniversary of Dr. APJ Abdul Kalam organized by Department of Computer Science & Applications on 14th & 15th October, 2022. Resource Person: Sri NVS Mahesh, Solution Architect, Head of QA, AT & T Labs.
- o Three-Day Workshop on 'Customization of Commercialized Agricultural Drones' in association with Fopple Technologies Pvt. Ltd., Kanikipadu from 13th to 15th October, 2022. Resource Person: Mr.A.Gopi Raja, CEO, Fopple Drone Tech Pvt. Ltd.
- o Workshop on 'Think, Make, Break, Repeat' in association with ACIC-KL Startups Foundation on 6th, 11th, 19th July and 8th August, 2022.
- o Webinars / Seminars / Workshops/ Conferences:
- o Three-Day Workshop on 'MATLAB' (Under Autonomous Funds) organized by Department of Mathematics & Statistics from 28th to 30th April, 2022. Resource Person: Dr. E. Vargil Kumar, Asso. Prof. Dept. of EEE, Gudlavalleru Engineering College, Gudlavalleru.
- o Seven-Day Workshop on 'Data Analysis Using Python' organized by Department of Mathematics & Statistics from 6th to 13th April, 2022. Resource Person: Dr. P. Siva Kumar, Asst.Prof. Dept. of CSE, KL University, Vaddeswaram.
- o Four-Day Workshop on 'High Performance Liquid Chromatography and Gas Chromatography' organized by Department of Chemistry in association with Shree ICON Pharmaceuticals, Vijayawada from 23rd to 26th March, 2022.
- o One-Day Workshop on 'Synthetic Strategies' in association with G.S. Phyto Labs P.L.C, Guntur on 10th January, 2022 organized by Department of PG Chemistry. Resource Persons: Dr. T. Pavan Kumar, Sr.Scientist, Chemistry & IP, CSIR, IMMT, Bhubaneswar & Sri D. Gnana

Bhaskar, MS Pharma, G.S. Phyto Labs P.L.C, Guntur.

- ∂ One-Day Workshop on 'Microsoft Power Business Intelligence using Microsoft Excel Power Pivot' by Mr. K. Ravi Kumar, Microsoft Consultant & Trainer on 6th January, 2022, organized by Departments of MBA & M.Com.
- ∂ Three-Day Workshop on 'IoT with Raspberry PI' organized by Department of Physics & Electronics from 20th to 22nd December, 2021. Resource Persons: Mr. K. Kalyan Kumar, Mr. B. Ramanjaneyulu, Pantech e-Learning Pvt. Ltd., Hyderabad.
- ∂ UGC Sponsored (Under Autonomous Funds) Six-Day Workshop on 'Game Design' organized by the Department of Computer Science & Applications from 15th to 19th November, 2021. Resource Person: Mr. B. Srinivas, Founder & CEO, Game Pro Animation Productions.
- ∂ UGC Sponsored Six-Day National Webinar on 'Discovering Statistics using 'R'' was organized by the Department of Mathematics & Statistics from 15th to 20th June, 2020.
- ∂ UGC Funded (Under Autonomous Funds) One Week National Workshop on "Tools and Techniques for Industrial Applications (TTIA-2019) – A Skill Development Initiative for Students (In collaboration with Shree Icon Pharmaceutical Laboratories, Vijayawada) from 9th – 15th September, 2019 organized by Department of Chemistry (UG & PG)
- ∂ Three – Day Workshop on "MATLAB" (Under Autonomous Funds) organized by Department of Mathematics & Statistics from 11th to 13th September, 2019.
- ∂ Mathematics Training for Undergraduate Statistics Students (MTUSS-2019) from 2nd to 15th December, 2019 organized by Department of Mathematics & Statistics.
- ∂ UGC Sponsored Two-Day National Workshop on "Data Analytics using Python" (NWDAP- 2020) organized by Department of Computer Science & Applications on 3rd& 4th January, 2020.
- ∂ Three Day Workshop on "R – Programming" organized by Department of Mathematics & Statistics from 27th – 29th August, 2018.
- ∂ UGC Sponsored Two Day National Workshop on "Data Analytics using R- Programming" organized by Department of Mathematics & Statistics on 24th & 25th September, 2018.
- ∂ Two Day National Workshop on "Mobile Application – Development with Android" (NWMADA-2019) organized by PG Department of Computer Science & Applications on 1st & 2nd March, 2019.

MoU'S LIST

MoU's (Internship Purpose)

Year of signing MoU	Name of the organization with whom MOU/Collaboration being signed	Purpose of MOU/Collaboration	List the actual activities under each MOU year-wise	Date of the activity conducted
JANUARY, 2023	Quality Thought Info. Systems Pvt. Ltd.,	Internships, Placements, Faculty Research Projects	<ul style="list-style-type: none"> æ INTERNSHIPS æ FACULTY RESEARCH PROJECTS æ PLACEMENTS 	<ul style="list-style-type: none"> æ FACULTY RESEARCH PROJECTS: MAY, 2022, JUNE, 2021, JULY, 2020, AUGUST, 2019, COTOBER, 2018
DECEMBER, 2022	Microlink Embedded Designers & Solutions Providers	Technical Training, Internships & Live Projects training	<ul style="list-style-type: none"> æ TWO-DAY WORKSHOP ON 'PCB DESIGN' (UNDER AUTONOMOUS FUNDS) IN COLLABORATION WITH MICROLINK PERIPHERAL (P) LTD., VIJAYAWADA ORGANIZED BY DEPARTMENT OF PHYSICS & ELECTRONICS æ INTERNSHIPS æ FACULTY RESEARCH PROJECTS 	<ul style="list-style-type: none"> æ WORKSHOP: 9th & 10th December, 2022 æ INTERNSHIPS: 07-07-2022 to 17-08-2022 æ FACULTY RESEARCH PROJECT: JULY, 2022 & NOVEMBER, 2021
JULY, 2022	CODEGNAN IT SOLUTIONS PVT.LTD.,	Training Sessions, Workshops, Seminars, Internships	<ul style="list-style-type: none"> æ INTERNSHIPS 	<ul style="list-style-type: none"> æ September, 2022
JUNE, 2022	Orch Laboratories Pvt. Ltd., Ibrahimpatnam	Industrial Visit, Guest Lectures, Seminars, Symposia an	<ul style="list-style-type: none"> æ INDUSTRIAL VISIT TO ORCH LABORATORIES INDIA PVT. LTD., KONDAPALLI BY THE 	<ul style="list-style-type: none"> æ INDUSTRIAL VISIT: 8th April, 2021

		Internship Programmes & Placements	DEPARTMENT OF CHEMISTRY ON 8TH APRIL, 2021 æ INTERNSHIPS	æ INTERNSHIPS: April, August & November, 2022
JUNE, 2022	Shree ICON Pharmaceutical Laboratories, Vijayawada	Industrial Visit, Internship Programmes & Guest Lectures	æ UGC FUNDED ONE WEEK NATIONAL WORKSHOP ON "TOOLS AND TECHNIQUES FOR INDUSTRIAL APPLICATIONS (TTIA-2019) - A SKILL DEVELOPMENT INITIATIVE FOR STUDENTS æ FOUR-DAY WORKSHOP ON 'HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND GAS CHROMATOGRAPHY' æ INTERNSHIPS æ INDUSTRIAL VISIT æ FACULTY RESEARCH PROJECT	æ WORKSHOP-1: 9th - 15th September, 2019 æ WORKSHOP-2: 23rd to 26th March, 2022 æ INTERNSHIPS - 01-04-2021 TO 30-04-2021 æ INTERNSHIPS - 18-01-2020 TO 01.02.2020 æ INDUSTRIAL VISIT: 09.09.2019 To 15.09.2019 æ FACULTY RESEARCH PROJECT: JUNE, 2022 & NOVEMBER, 2020
NOVEMBER, 2021	Regional Telecom Training Centre, Hyderabad, Bharath Sanchar Nigam Limited (BSNL)	Technical Training, Internships	æ GUEST LECTURE ON '5G MOBILE TECHNOLOGIES & INTERNET OF THINGS'. RESOURCE PERSON: SRI P. RAJU, SUB DIVISIONAL ENGINEER, BSNL, VIJAYAWADA æ INTERNSHIPS	æ GUEST LECTURE: 18.11.2021 æ INTERNSHIPS 08-11-2021 to 09-12-2021
JUNE, 2021	ARETE IT SERVICES	INTERNSHIPS	æ MEET THE CEO ON 3RD	æ MEET THE CEO 1: 03.07.2019

	PVT. LTD.		<p>JULY, 2019 ORGANIZED BY DEPARTMENT OF BBA. RESOURCE PERSON: SRI N. VARA PRASAD, CEO OF ARETE SOLUTIONS, VIJAYAWADA</p> <p>æ MEET THE CEO BY THE DEPARTMENT OF MBA ON 30TH NOVEMBER, 2019. RESOURCE PERSON: MR. N. VARA PRASAD, FOUNDER, ARETE SOLUTIONS, VIJAYAWADA</p> <p>æ MEET THE CEO PROGRAMME FOR MBA & M.COM. STUDENTS ON 2ND DECEMBER, 2021 ORGANIZED BY DEPARTMENTS OF MBA & M.COM. RESOURCE PERSON: MR. NAGIDI VARA PRASAD, CEO, ARETE IT SERVICES PVT. LTD., VIJAYAWADA</p>	<p>æ MEET THE CEO 2: 30.11.2019</p> <p>æ MEET THE CEO 3: 02.12.2021</p> <p>æ INTERNSHIPS: 08.09.2021-08.11.2021</p>
MARCH, 2021	VXL IT Solutions - Internship-Projects	Industrial Visit, Internship Programmes & Placements Faculty Research Projects	<p>æ INTERNSHIPS</p> <p>æ PLACEMENTS</p> <p>æ FACULTY RESEARCH PROJECTS</p>	<p>æ INTERNSHIPS: 10-11-2020 to 9-05-2021</p> <p>æ INTERNSHIPS: 26-05-2021 TO 09-07-2021</p> <p>æ INTERNSHIPS: 05-01-2022 TO 28-02-2022</p> <p>æ FACULTY RESEARCH PROJECTS:</p>

				MAY, 2022, JULY, 2020, AUGUST, 2019, OCTOBER, 2018
FEBRAURY, 2020	TONMETRI INFO SOLUTIONS, VIJAYAWADA	INTERNSHIPS	æ INTERNSHIPS	æ INTERNSHIPS: 13.09..21 TO 18.09.21 æ INTERNSHIPS: 17.02.2020 To 24.02.2020
DECEMBER, 2018	Isthriwala, Vijayawada	Internships & Academic Programmes	æ MEET THE CEO - RESOURCE PERSON: MR. S. SRI RAM, FOUNDER & CEO OF ISTHRIWALA, VIJAYAWADA æ INTERNSHIPS	æ MEET THE CEO - 22nd July, 2019 æ INTERNSHIPS:17.02.2020 To 24.02.2020 æ INTERNSHIPS: 11.02.2020 To 17.02.2020
JULY, 2018	Central Institute of Freshwater Aquaculture	Industrial Visit, Internship Programmes & Guest Lectures	æ RESOURCE PERSON FOR NATIONAL SEMINAR æ FIELD VISTS æ INTERNSHIPS	æ NATIONAL SEMINAR: 28&29.10.2022 æ FIELD VISIT: 27.11.2019 æ INTERNSHIP 22.02.2020 To 07.03.2020 æ INTERNSHIPS: 01.02.2019 - 12.02.2019



PHARMACEUTICAL LABORATORIES

MEMORANDUM OF UNDERSTANDING

BETWEEN

Shree Icon Pharamceutical Laboratories

AND

KBN College, Vijayawada

FOR DELIVERING LECTURES, RESEARCH PROJECTS AND EXCHANGE OF IDEAS

Memorandum of Understanding between Shree Icon Pharmaceutical Laboratories and KBN College, Vijayawada.

This is to confirm that the Shree Icon Pharmaceutical Laboratories, Vijayawada and KBN College, Vijayawada have entered into a Memorandum of Understanding with the following objectives and plan of action.

- To draw for both staff and students benefit with mutual exchange of ideas, exposure and expertise.
- To invite experience Research Scientist for guest Lectures as curricular enrichment programme.
- To do collaborative research

This MOU has been made for staff and students without any financial commitment on the part of both the college and Laboratory.



Director

Shree Icon Pharmaceutical Laboratories
Vijayawada

Kas.
Head of the Institution

PRINCIPAL, FAL
Kakaraparthi Bhayansrayana College
Vijayawada
VIJAYAWADA-1.

ADDRESS: REGENCY APPARMETNS. FIRST FLOOR, FT (D) BLOCK, OPP. MALABAR GOLD SHOP, TBZ Jewellery back side,
LABBIPET, VIJAYAWADA-520 010, ANDHRA PRADESH. INDIA. Phone : +91 9985840126, Email: shreeiconpharma@gmail.com

MEMORANDUM OF UNDERSTANDING

BETWEEN

**TONMETRI INFO SOLUTIONS, VIJAYAWADA
AND
PG DEPARTMENT OF COMMERCE (M.Com Program)
KBN COLLEGE: PG COURSES, VIJAYAWADA**

COLLABORATION OF INDUSTRY - ACADEMIC INTERACTION

It is hereby agreed by the parties to mutually support each other in the industry -institute-interaction in enhancing the quality of education imparted at KBN College , Vijayawada Both the institutions have found it mutually beneficial to explore Co-operative activities for the following purpose.

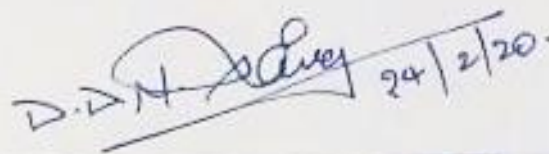
1. Providing Industry visit and practical training wherever needed
2. Assisting students of M.Com for required Internships/Placement opportunities
3. Giving valuable inputs in Teaching/Training methodology and suitable customize the curriculum so that the, students fit into the industrial scenario meaningfully.
4. Conduct market surveys by the Faculty & students for mutual benefit of institution and Industry.
5. Extending the necessary support to deliver guest lectures to the students on the technology trends and In house requirements, to bridge the skill gap
6. Organizing Management Development Programmes & Supervisory Development programmes for the employees of organization by the faculty - team of the department
7. Training Faculties for imparting industrial exposure/ training as per the industrial requirements in turn for the benefit of the students.

It is understood that the details of Joint activities/Conditions for Utilisation of results achieve, arrangements for specific visits, exchange and all other form of cooperation will be handled on mutually agreeable terms for each specific case.

This MOU will be for Five years and will be renewed depending upon the terms and Conditions in force



DIRECTOR
K.B.N. COLLEGE PG CENTRE
KBN College PG Centre
Vijayawada



DIRECTOR
Tonmetri Info Solutions
Vijayawada





ISTHRIWALA™
— Premium Online Laundry Services —

ISTHRIWALA
#27-47-4
Pattabhiramiah Lane
Governorpet, Vijayawada
Pin : 520002
Email : support@isthriwala.com
Website : www.isthriwala.com

Date : 12-12-2018

MEMORANDUM OF UNDERSTANDING

BETWEEN

Bachelor of Business Administration, KBN COLLEGE, VIJAYAWADA

And

ISTHRIWALA™, VIJAYAWADA

In accordance with the mutual desire to promote cooperation between the College **BACHELOR OF BUSINESS ADMINISTRATION of KBN College, Vijayawada** and **ISTHRIWALA™, Vijayawada**

Both the heads of the institution and **BACHELOR OF BUSINESS ADMINISTRATION, KBN College, Vijayawada** and **ISTHRIWALA™** enter into this formal statement of collaboration in the form of Memorandum of Understanding (MOU) for the purpose of internship.

Both the institutions have found it mutually beneficial for the exchange. As and when necessary **ISTHRIWALA™** invites the faculty members of the College of **BACHELOR OF BUSINESS ADMINISTRATION, KBN College, Vijayawada** to send the students of the college for Internship.


Sri Ram Suravarapu

Chief Executive Officer

Isthriwala™ - Premium Laundry Services

M/S 7Cousins Enterprises

Vijayawada


Principal - FAC

KBN COLLEGE

Vijayawada



GNANASEEMA PHYTO LABS PVT.LTD. KBN COLLEGE VIJAYAWADA

Memorandum of Understanding

Instructions – The purpose of the *Memorandum of Understanding (MOU)* is to establish the terms of the agreement between GSPHYTO to Department of chemistry KBN College, including, describing the partnership goals and objectives, outlining roles and responsibilities, setting forth resource contributions, and the period of performance.

Memorandum of Understanding

between

Party A: GNANASEEMA PHYTO LABS “GSPHYTO”

Party B: DEPARTMENT OF CHEMISTRY KBN COLLEGE

Purpose, Goals and Objectives – This section names the parties to the partnership, states the purpose of the partnership, and provides a brief description of the project and activities to be undertaken, along with the goals and objectives and a description of the skills or expertise the parties bring to the partnership.

This document outlines the terms and conditions of the partnership between GSPHYTO & KBN, each referred to hereafter as a “Partner” and collectively “The Partners” or “The Partnership”.

Purpose: The purpose of this MOU is to set forth the understandings and intentions of the partners about collaboration in areas of mutual concern mentioned herein. Nothing in this MOU shall be construed as superseding or interfering in any way with other agreements or contracts entered between the partners unrelated to this MOU, either prior to or after the signing of the MOU. The partners further specifically acknowledge that this MOU does not create an obligation to commitment of funds, nor does it constitute a legally binding commitment by any of the partners.

Goals and Objectives:

- To mutually share knowledge between both parties
- To provide industrial internship training to pupil
- Party B acts as a facility provider for such trainings to party A
- Party A would give training sessions upon stipulated scheduled timings

PARTY A WORK PROFILE:

Its revenue profile is related to Isolation of marker compounds from medicinal plants, Bioactivity guided fractionation, Cosmeceutical formulation, Student internship & Technical writeup assistance

PROGRAMME DESIGN

1. Whenever we receive a pilot scale order to PARTY A
2. Party A will inform the Party B to allot an interested candidate (MSc.) as interns
3. Party A will arrange raw material
4. The interns from Party B will have to undergo and finish the project given by party A

MUTUAL PERKS

Party B Benefits from Party A:

- Publication: The generated data can be published with mutual consent
- Stipend: Intern would receive 3000 stipends upon successful project completion from the moderate projects to major level projects
- Party B would receive 5 % share upon successful project completion from the *Major project order value
- Minor and Moderate projects could not offer any revenue sharing from party A to Party B

*: **Major projects order:** Order value > 1 Lakh INR & Timeline would be >6weeks

Note:

For minor projects: Party A can train the interns along with consent for publication, and minor projects (Order value < 50thousand INR) cannot be offering any revenue share to intern or the party B

Moderate projects: Order value between 50K to above 1Lakh INR

Party A Benefit expectation from Party B:

- Work area facility support
- Intern candidate support
- Work output-The ultimate project outcomes are solely belonging to the party A

Activities – This section goes beyond a description of roles and responsibilities to include specific activities in which the parties will be engaged.

Program Design and Development

CURRICULM

We will guide them in these techniques' as per project requirement, they can consider this as their academic project

1. Literature archival techniques
2. Basic to advanced concepts of chromatography
 - a. Principles
 - b. Types

- a. Adsorption chromatography
 - 1. Normal phase (Column chromatography & TLC)
 - 2. Reverse phase (RP-Silica)
- b. Partition chromatography (LIq-Liq)
- c. Ion exchange chromatography (Using resins)
- d. Size exclusion chromatography (Sephadex)
 - 3. Characterization tools and techniques
 - a. HPLC
 - b. Mass
 - c. NMR
 - d. Melting point
 - e. TLC
- 4. Documentation
 - a. Word
 - b. Citation software- Mendeley
 - c. Chem draw
 - d. EXCEL (HPLC Formula & Column chromatography costing chart, GANTT Chart)

Duration. This MOU shall take effect upon the signature of all Participants effective as of the date signed by the last Participant to sign and shall have an initial duration through 2022 March. The duration of this MOU may be extended by agreement of the Participants in writing.

Amendment and Modification. This MOU may be amended or modified by written agreement of the Participants.

Termination. Any Participant may terminate this MOU at any time upon at least 14 days written notice to the other Participant(s) with such termination becoming effective upon the date set forth in such written notice.

Information. Participants shall provide each other such information as may be needed to facilitate the activities provided for under this agreement.



ఆంధ్రప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH 17 MAR 2022 84AA 523832

S.No. 3333 Date 17.3.2022 Rs. 20

Sold to Sri: D. గానాభాస్కర కృష్ణమూర్తి రెడ్ కాలనీ

For Whom:

B. APPA RAO
 LICENSED STAMP VENDOR
 O.L. No: 06-28-004/1988
 R.L. No: 06-28-001/2021
 VALID UP TO: 31-12-2023
 D.No: 9-13, NUNNA-521 212.
 Cell: 9846223122



Memorandum of Understanding
 between
 Party A: GNANASEEMA PHYTOLABS "GSPHYTO"
 Party B: Department of chemistry KBN College

Partner #1

Partner #2

By:
 Signature
 For Gnanaseema Phyto Labs Pvt. Ltd.

By:
 Signature
 Principal
 Kakapara Mahanarayana College
 VIJAYAWADA-1.

Name: D GNANABHASKAR
 Director of Administration

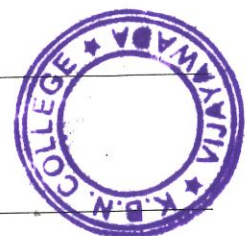
Name: DR. V. NARAYANA RAO

Title: DIRECTOR

Title: PRINCIPAL

Date: 17-03-2022

Date: 17-03-2022



**CERTIFICATE COURSES – SYLLABUS &
CERTIFICATES (FOR REFERENCE)**

OFFICE AUTOMATION

Unit-1:

Computer-Characteristics-Generations-Computer Block Diagram - Applications of Computer - Input & output Devices – RAM & ROM - Functions of Operating System – DoS Internal & External Commands.

Unit-2:

M.S.Word – Features – Creating and saving documents – Tables – inserting & Deleting Rows&columns – Text Box – Pictures – charts – Books Marks – Header& Footer -Symbols – Spelling & Grammar – Hyperlinks -Mail Merge – Different view in Word.

Unit-3:

Excel – Fill commands – Inserting & Deleting of Cells, Rows, Columns and Worksheets in Excel .. Creating charts in Excel – Types of Charts – Pivot Table – Sorting – Data validation – Filters – Goalseek – Data Table – Scenario manager – Arithmetic, Text, Statistical Functions in Excel - Header& Footer – Hyperlinks – Consolidate – Group&Ungroup – Subtotals & Grand Totals.

Unit-4:

PowerPoint: Creating a presentation – New slide – Slide sorter – Master slide – Inserting text and images into slides – Header & Footer - Adding Audios & Videos – Slide Transitions – Slide Designs - Animations – Rehearse timings – Slide timings – Running presentation – Custom shows – Views in Powerpoint.

---oOo---

DESKTOP PUBLISHING – D.T.P

Unit-1(PAGEMAKER)

Creating a new Document – Document setup – Document window components – export, import – placing images & text – Printing document – Paste Multiple – Insert object – Adobe table – Edit Story – Auto flow.

Unit-2(PAGE MAKER)

Inserting pages – Removing Pages – creating columns – sorting Pages – Font properties – Character & Paragraph specifications – inserting tabs – Line spacing – Alignments – Applying styles – Creating styles. Element Menu options – creating Index and ToC – Defining new colours – Different views.

Unit-3(PHOTOSHOP)

Creating a new Document – Document setup – Document window components – Photoshop Tools – Different Masks in Photoshop – Blending options – transformations in photoshop – Working with text and paragraphs -- Filter effects.

Unit-4(CORELDRAW)

Creating a new Document – Document setup – Document window components –CorelDRAW Tools – Cloning and duplicating objects -- Inserting pages – Removing Pages – Duplicating & Renaming Pages – sorting Pages – Page background settings -- transformations in CorelDRAW – Working with text and paragraphs – Copying and cloning objects – Powerclip – Rollovers – Ordering – grouping&ungrouping – Locking & Unlocking – Shaping -- Effects – Table menu Options.

---oOo---

ACCOUNTING PACKAGE-TALLY

Unit-1:

Creation of Company, Alteration of Company and Deletion of Company. Backup and Restore. Split Company Data. Creation of Account Groups and Ledgers. Working with Foreign Currency.

Unit-2:

Different voucher entries..Contra, Payment, Receipt, Journal, Purchase, Sales, Debit note and Credit notes. Accounts and Item sales invoices. Creating GST related ledgers, Creating TDS related ledgers, Creating VAT related ledgers.

Unit-3:

Units Of Measure, Godowns, Stock Groups, Stock Categories, Stock item, Group summary Display, Sales and Purchase order management, Delivery Note and Receipt Note, Rejections-In and Rejections- Out.

Unit-4:

PoS invoice- Manufacturing Journal -Job costing in Tally

Unit-5:

Display of Profit and Loss Account, Trial Balance, Balance Sheet, Daybook, Alteration of Ledgers, Bank Reconciliation.

---o0o---

**INTERNSHIP CERTIFICATES
(FEW FOR REFERENCE)**

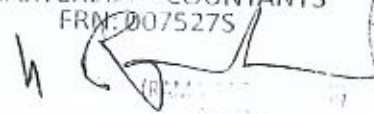
Date: 22/09/2022

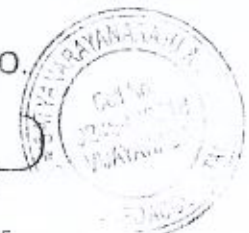
INTERNSHIP COMPLETION CERTIFICATE
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Sivarathri Mahesh, student of II B.Com (TP) KBN College (Autonomous), Vijayawada, bearing Roll No. 203102, has successfully completed his 180 hours of Internship programme from 12-07-2022 to 20-08-2022 at our Vijayawada Office and has received basic training in the field of Accounting and Taxation.

During his tenure here, we found the candidate being punctual, hardworking and inquisitive. We wish him all the very best for his future endeavours.

For SATYANARAYANARAJU & CO.
CHARTERED ACCOUNTANTS
FRN: 0075275


Membership No: 203625



Date: 22/09/2022

INTERNSHIP COMPLETION CERTIFICATE
TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Srikakulapu Lokesh, student of II B.Com (TP) KBN College (Autonomous), Vijayawada, bearing Roll No. 203101, has successfully completed his 180 hours of Internship programme from 12-07-2022 to 20-08-2022 at our Vijayawada Office and has received basic training in the field of Accounting and Taxation.

During his tenure here, we found the candidate being punctual, hardworking and inquisitive. We wish him all the very best for his future endeavours.

For SATYANARAYANARAJU & CO.
CHARTERED ACCOUNTANTS

FRN: 0075275


K. R. KASTURI
PARTNER

Membership No: 203625



V R MOHAN & ASSOCIATES
CHARTERED ACCOUNTANTS



40-6-22/1B, SF2, Satya Apartment
Hotel Kandhari Lane, Revenue Colony
Moghalrajpuram, Vijayawada - 520 010
Cell : 98484 83691, 7032661299
E-mail : vrmohanca@gmail.com

CA. V. Rama Mohan Reddy, FCA
M. No. 208518, FRN. 010604S

INTERNSHIP COMPLETION CERTIFICATE TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Chandaluri. Sevanth Kumar, student of II B.com (TP) KBN College (Autonomous), Vijayawada, bearing Roll No: 203103, has successfully completed his 180 hours of Internship programme from **12-07-2022** to **20-08-2022** at our office and has received basic training in the field of Accounting and Taxation.

During his tenure here, we found the candidate being punctual, hardworking and inquisitive. We wish him all the very best for his future endeavours.

For V.R. MOHAN & ASSOCIATES
CHARTERED ACCOUNTANTS

(V. Rama Mohan Reddy, F.C.A)
PROPRIETOR
(M.No. 208518)

20/08/2022



Date: 20/09/2022

INTERNSHIP COMPLETION CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This to certify that Mr. Ketham Maheswara Rao, having Roll No. 203958, a student of III B.Com. (Logistics), K.B.N. College (Autonomous), Vijayawada has successfully completed his 200 Hours Internship Programme from 01/07/2022 To 31/07/2022 at our Warehouse, situated in R.R. Nagar, Industrial Area, Vijayawada and has received basic training in the field of Logistics & Ware House Management.

During their tenure here, we found the candidate to be punctual, hardworking and inquisitive. We wish them all the very best for their future endeavours.

Very truly yours,

For Advance Auto Parts

Authorised Signatory



ADVANCE AUTO PARTS

(Authorised Distributor for Maruti Suzuki Genuine Parts)

Central Office #55-1-47, Plot No 1, First Floor, 100 Feet Road, Autonagar Ph: 08662545154	Main Warehouse #25-39/2, 7 th Lane, R.R.Nagar, Kabela Industrial Area, Gollapudi Ph: 9246455455	Autonagar (Vjw) #55-1-47, Plot No 1, 100 Feet Road, Autonagar Ph: 9246474647	Governorpet (Vjw) #27-18-39, Congress Office Road, Governorpet Ph: 9248750227	Prjasaktinagar (Vjw) #32-6-18/B, Water Tank Road, Prajasakti Nagar Ph: 9133699297	Koritepadu (Gnt) #4-4-27, Kommineni Complex, Koritepadu Ph: 91336-60866	Autonagar (Gnt) Plot No 322, Phase 1&2, Autonagar Ph: 7842456566
Ongole Survey No 129, Old Guntur Road, Adj to Bridgestone Select	Nellore #26-11-227/1, Padarupalli, Mini Bypass Road	Tirupati #22-11-27/1, Poolawanigunta, Regigunta Road	Chittoor #27-974/975, Sivaram Complex, Palamaneru Road	Kadapa #8/659, Vakkalaset, Almaspet Ph: 8121851477	Khammam #15-7-638/A, Bypass Road, Rotary Nagar, Ph: 7059995666	Kothagudem #4-23/1, Opp FCI Godowns, Lakshmidevi Palli



Date: 26-Dec-22

**INTERNSHIP COMPLETION LETTER
TO WHOM SO EVER IT MAY CONCERN**

This to certify that **Vedala Rama Charan Rithvik**, **O367086** having Roll No.**203961**, a student of III B.Com. (Logistics), K.B.N College (Autonomous), Vijayawada has successfully completed his **180 hrs working** Internship Program from 29-Aug-2022 to 18-Oct-2022 at our warehouse, situated in Mustabadh Road, Gannavaram Mandal, Vijayawada and he received basic training in the field of Warehouse Operations.

During their tenure here, we found the candidate to be punctual, hardworking and inquisitive. We wish them all the very best of their future endeavors.

For Ecom Express Limited

Authorized Signatory



ECOM EXPRESS LIMITED

(Formerly known as ECOM EXPRESS PRIVATE LIMITED)

Corporate Office : 10th Floor, Ambience Corporate Tower - II, Ambience Island, Gurugram, Haryana - 122002, India
Registered Office : Ground Floor, 13/16min, 17 min, Samalka, Old Delhi - Gurugram Road, Kapashera, New Delhi - 110037, India
CIN : U63000DL2012PLC241107 | Tel. : 0124-6488888 | Email : corporate@ecomexpress.in | www.ecomexpress.in

SURE SAFE SWIFT



Trackon
Couriers & Cargo Services

Regional Office :
26-15-11, Sai Sadan Uduthavari Street,
Gandhi Nagar, VIJAYAWADA - 520 003.
Mobile : 76749 90188 / 93471 05860

Date: 11/08/2022

INTERNSHIP COMPLETION CERTIFICATE

TO WHOM SO EVER IT MAY CONCERN

This to certify that Mr. DOLA DURGA CHANDRA SEKHAR having Roll No. K2001148, a student of II B.Com. (Logistics), K.B.N. College (Autonomous), Vijayawada has successfully completed his / her 2 Months (200 Hours) Internship Programme at our TRACKON COURIERS AND CARGO SERVICES #26-15-11, Sai Sadan, Vudathavari st, Gandhi nagar, Vijayawada, AP-520003 and has received basic training in the field of Logistics & Ware House Management.

During their tenure here, we found the candidate to be punctual, hardworking and inquisitive. We wish them all the very best for their future endeavors.

Very truly yours,



P. Panuja
Authorised Signature with stamp



MASB & ASSOCIATES

Chartered Accountants

F.R. No. 014442S

Mobile : 9000768951, 9963288744

e-mail : masbassociates@gmail.com

INTERNSHIP COMPLETION CERTIFICATE TO WHOM SO EVER IT MAY CONCERN

I M.Venkata Manoj bearing Membership Number 234500 of Institute of Chartered Accountants of India and a partner of M/s MASB & Associates Chartered Accountants hereby certify as follows

Ms. BADISA JYOTHIRMAYI, Student of II B.com(IP), KBN College (Autonomous), Vijayawada, bearing Roll No: 203107, has Successfully Completed her 180 Hours of Internship Programme From 18-07-2022 to 18-08-2022 at our Vijayawada Office and has received basic training in the field of Accounting & Taxation.

During her tenure here, we found the candidate during the period and managed to complete all assigned tasks as requested. She was hardworking dedicated, and committed, It was a pleasure having her with us in this short period.

For MASB & Associates
Chartered Accountants

M.Venkata Manoj
Partner
M.No 234500



D.No. 19-1-9/21,
Flat 306, Baba Towers
Muttamasetty Vari Palem
TENALI - 522 201.

D.No. 29-7-50/14,
Ramakrishna Towers,
Flat No. 85, Prakasam Raod,
Suryaroopeta,
VIAJAYAWADA - 520 002.

D.No. 4-13-25,
Urban Bank Lane,
Agraharam
ELURU - 534 001.