

Notice:

A meeting of the faculty members of Chemistry will be held on 26.08.22 at 11.15am to discuss the following

- i) Instrument purchase for physical laboratory
- ii) Commencement of III Sem & V-Sem class from 01.09.2022
- iii) Proc. Publication of wall Magazine.

mlr
23/08/22

Meeting Attendance (26.08.2022)

1. Jagan Kumar S. 26/08/22
2. Pradipt Kr. Maji 26/08/22
3. Azara 26/08/22
4. Adhikari 26.8.22.
5. Kanika Ghosh 26/08/22
6. Surajit Saha 26/08/22
7. ~~Saha~~ 26.08.22

Resolutions

All the faculty members of chemistry department were present in the meeting held on 26.08.2022 and following ~~decisions~~ resolutions were taken -

1) Digital pH meter (Labman) will be purchased from Biomic instrument company as it was lowest price (Rs. 11000/-) with standard quality among other two quotation from Mazumdar Co. & Bikash Scientific instrument pvt. Ltd.

2) Digital conductivity meter will be purchased from Bikash Scientific Instrument Pvt. Ltd of ~~the~~ model (Systronics 304) of price Rs. 19,588/- due to better performance among other two models given by Biomic Instrument Co. & Mazumdar Enterprises. All faculty members are agreed with this decision.

Shrini
26.8.22

Misra
26/8/22

Shera
26/08/22

Dale
26/8/22

Kyash 26/8/22

Wij
26/8/22

Sadika
26.8.22

3) Analytical Balance upto 4th decimal & internal calibration mechanism will be purchased from Mazumdar Enterprises of model Mettler Toledo (ME204) of price Rs. 1,18,590/- due to better performance as well as world standard model. Every faculty members are agreed with this model.

- 4) TKS will prepare a temporary routine for Sem-III & Sem-IV class ~~and for~~ from 01.09.2021 until a master routine is being prepared.
- 5) Wall magazine will be published within September 2021 and SS and MSA will take the responsibility.
-



Bidhan Chandra College

DEPARTMENT OF CHEMISTRY

Ref. No.

Date: 26-08-2022

Notice:

It is here by informed to all concerned Department of Chemistry is going to publish a Wall Magazine very soon. All the interested students are requested to submit their original manuscript for publication to Dr. Sk, Md, Samim Akhtar and Dr. Surajit Saha within 15.09.2022.



Fagun Mukhopadhyay
Principal
Bidhan Chandra College
Govt. Sponsored
Asansol, Dist- Burdwan

Principal
Bidhan Chandra College
Asansol – 713 304

WALL MAGAZINE → 2022-2023

* Chemistry In Our Daily Life, causes and importance of Chemistry *

Why we study chemistry?

→ All basic life forms on Earth depend greatly on chemistry for their survival, including us. Everything from surviving treacherous climates, to how our bodies develop, and work are all related to the world of chemistry. Without chemistry it would be extremely hard for us to live. We need chemistry and chemicals for everything we do! When we eat food, chemicals are the main source in which helps assist to decompose the food. Our organs are protected by harmful acids with a layer of chemicals in the form of mucus, without it our organs would slowly dissolve away. But chemicals and chemistry may also harm us, such as the acid we find in our stomachs.

Antoine Lavoisier

A French nobleman and chemist who was central to the 18th-century chemical revolution. Lavoisier is most noted for his discovery of the role oxygen plays in combustion. He recognized and named oxygen (1776) and hydrogen (1781), and opposed the phlogiston theory.



Antoine Lavoisier

→ He was known as 'Father of Chemistry'. Antoine Lavoisier was the first person to establish that water is a compound and Sulphur was an element rather than a compound. He was credited with revising and standardizing chemistry nomenclature.

Chemistry is the study of matter defined as everything with mass and occupied space, and the changes that matter may go through when exposed to various settings and situations. Chemistry is not only limited to scientific experiments but it's involved in everyone's daily life. It constitutes the betterment of society and humanity. There is some chemistry involved in everyday work. Chemistry holds an important role in many industries such as medicine, agriculture, engineering, etc.

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• Melting point: 188°C (361°F, +56K)

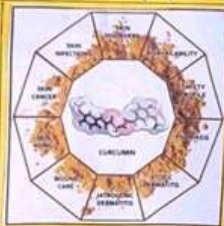
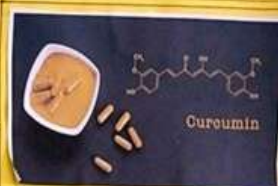
• Appearance: Bright Yellow-orange powder.

• Chemical Formula: $C_{21}H_{20}O_6$ Curcumin

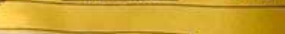
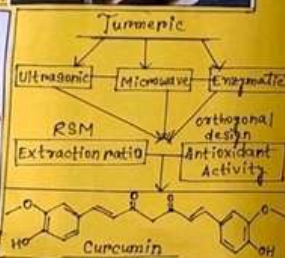
• Molar mass: 368.385 g/mol.

Curcumin is a bright yellow chemical produced by plants of the *Curcuma longa* species. It is the principle of curcuminoid of turmeric (*Curcuma longa*), a member of the ginger family, Zingiberaceae. It is sold as herbal supplements.

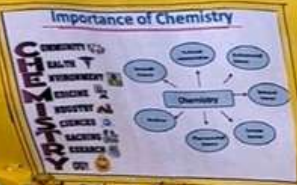
• Uses: Uses as dietary supplement; in cosmetics, as flavouring for foods etc.



Disorder of curcumin Action



forms of curcumin



Importance of Chemistry

The importance of Learning Chemistry:-

- Chemistry is important to everyone because chemistry occurs all around us in our daily life.
- Chemistry helps inside various objects to study how their components behave.
- Chemistry can produce new sources of energy.
- Chemistry can help to control diseases.
- Chemistry helps in scientific research intended to solve a problem.
- Chemistry helps in knowledge of scientific research.



Latitude Longitude

23.678° N 86.9715° E

12:39 pm

Wednesday, 21, Sept...

ROHIT SHARMA (3rd Sem)

Wall Magazine 2023

DEPARTMENT OF HISTORY

[illegible][illegible]

Quesrion

विषय सूची

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2023

[illegible]

A photograph of an open, antique manuscript. The manuscript is bound in red leather, and the pages are aged and slightly discolored. The text is written in a dark ink in a cursive script. The manuscript is open to a page that shows the binding and the edges of several other pages. The text is written in a cursive script, and the ink is dark. The manuscript is placed on a surface with a floral pattern.

[illegible][illegible][illegible][illegible]

the country it is a festival
where everybody is essentially
happy. The celebration focuses on the
unity of the country.

QUANTUM COMPUTING

QUANTUM COMPUTING



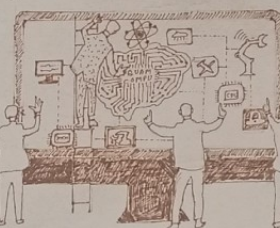
Quantum Computing
A Game Changer
For Banking Industry

What is Quantum Computing?

Quantum computing is a rapidly-emerging technology that harnesses the laws of quantum mechanics to solve problems too complex for classical computers. These machines are very different from the classical computers that have been around for more than half a century. Quantum computers were proposed in the 1980s by Richard Feynman and Yuri Manin.

The basics of Quantum Computing :-

Quantum mechanics is the basis of Quantum Computing and refers to the scientific laws that affect the smallest dimension of nature: molecules, atoms and subatomic particles. The basic properties of quantum computing are superposition, entanglement and interference. The quantum in "quantum computing" refers to the quantum mechanics that the system uses to calculate outputs.



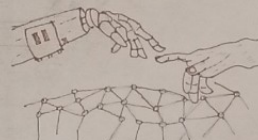
How does a Quantum Computer work?

Quantum computers perform calculations based on the probability of an object's state before it is measured - instead of just 1s or 0s - which means they have the potential to process exponentially more data compared to classical computers. Today's standard computers process information in bits, whereas quantum computers use qubits and thus use the concept of superposition. This can lead to extremely fast processing, so that calculations that are not possible with conventional computers become reality. Qubit is the short form for Quantum bit.

Advantages of Quantum Computing :-

1. They're fast. Ultimately, quantum computers have the potential to provide computational power on a scale that traditional computers cannot ever match.
2. They can solve complex problems. It can run complex simulations.
3. If we add the qubits to the register we increase its storage capacity exponentially. In this computing qubit is the conventional superposition state.
4. Quantum computing requires less power.

Quantum Computing
for Finance & Insurance



QUANTUM COMPUTING

QUANTUM COMPUTING

MAMTA SHRESTHA, Physics Hon, Sem-4

College



Google

NTI NAO

Asansol, West Bengal, India

Bidhan Chandra College, Asansol, West Bengal

713304, India

Lat 23.676969°

Long 86.954614°

21/03/23 02:06 PM GMT +05:30

Management Gurus

A small, square portrait of Bill Gates, wearing glasses and a suit, framed by a decorative border.

Bill Gates can be, understandably, mentioned as a "management guru" who has at the fore of technology, and let it speak. Though, he has never indicated to follow his ideas in management and strategy. He believes, the company and helps from outside to demand, an emphasis to find in the future technology and with latest developments. How it can be doing something of influence by developing and designing. International software for changed the entire outlook of world and computer technological bit more on earth and people look up to him as one of the men he is outstanding from the other management gurus.

RATAN TATA

[illegible]

Department of Management

The train will then
be moving for a while
to reach its destination.
Many quite common app-
lications under as far as
is this (later, perhaps)
Greece - England road

The Social Commerce Industry is expected to grow steadily over the next period, recording a CAGR of 66.4% during 2018-2025. The Social Commerce market will be growing with increase from US\$ 18.45 billion in 2018 to reach US\$ 49.51 billion by 2025.

PROGRES

FANTA

Warma Fanta, don't

You Wanta.



Funk's multichannel campaign includes a combination of OOH advertising to social media to reach younger consumers who are more likely to consume media on their smartphones but are drinking less soda.

Fruit has very different flavor, some
of them are named after the flower
- Fanta Cherry Soda, Fanta peach
Soda, Fanta Fruit punch soda
Fanta Cherry Soda & etc.



Fonta FANTA Fonta Fonta Fonta Logn by jero

Family	Genre	Style	Color	Form	Size	Shape	Texture
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SOCIAL MEDIA MARKETING



DATABASE MANAGEMENT SYSTEM

Ref: 10-13745-7

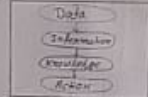
As defined in the Reference System Test (RST) above, about to define, create, maintain and test assets in the database is the SET, think, trap, fix, know, PDMS.

Damage of DBME

- Strong Data Independence
- Integrity
- Data Security & Privacy
- Backup & Recovery
- Data Concurrency

Drum Price:

- Data into information.
- Information into knowledge.
- Knowledge to an action.



Application of DTM:

- [illegible]

Handley, J. R. - known since age 8, small town growing to automate the business processes of the International Electronic Company with the Bull DBMS-7. successful data store JIS was destroyed by Charles W. Blackman who was the RCPT 1972 BM being found on 4/26/82 (shown).

Major Frank T. Cole is father of DBMS. He was an English computer scientist who while working on JIS, invented the relational model for DBMS.

4 main classes of antibodies are:-
IgG, IgM, IgA and IgE.

Name: Sonu Singh
Class: B.C.A 5th Sem
Rollno: 2022-28

(Wall Magazine)

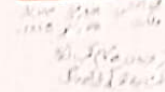
نمونے ادب

(1940)



1. The first part of the paper is devoted to a review of the literature on the topic. It starts with a general introduction to the field, followed by a detailed discussion of the various methods used in the study. The author then presents the results of the study, which show that the proposed method is more effective than the existing ones. Finally, the author concludes the paper by summarizing the main findings and suggesting some future research directions.

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Vallisneria spiralis

[illegible]

و اگر علامه محمد انصاری

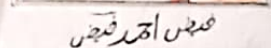
تاریخ ۱۳۰۵

مجلسه اول

[illegible]

Adams, John
Smith, J. C.

مردم من قصد آمدن این مرد را می به قصد کنی
و عاقبت آمدن او را می دستور عارضه است که در میان ما واقع
می شود که بعد از مدتی در آن است که مردم من آمدن او را می
که آمدن او را می به قصد آمدن این مرد را می به قصد کنی
و عاقبت آمدن او را می دستور عارضه است که در میان ما واقع
می شود که بعد از مدتی در آن است که مردم من آمدن او را می



حضرت مولانا محمد رفیع الرحمن صاحب
 دہلی کے مولانا صاحب مدظلہ العالی
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 مولانا صاحب مدظلہ العالی

[illegible][illegible]

Handwritten notes in Urdu script, including a portrait of a man with a beard and turban, and a signature.



Handwritten notes in Urdu script, including a portrait of a man with a beard and turban, and a signature.

দূর্শন বিভাগ
সিগিন পুস্তকালয়
2022-2023

দূর্শন

বহুদমতন্য

বহুদম যুল বহুদম গাহ
কপের বাত বাহার,
এত বড়ো বিদ্যালয়ের
হাত তুমি সবার।
বিদ্যালয়ের প্রথম দিনে
হিলে তুমি সখী-শক্তি
বিদ্যামবল্য জুগাই তোমার
বন্যবাহ ও তত্ত্ব।
নেটল্যইনে লগসরতম নয়
তুমিই হিলে আগ্রম
দ্বাদশ শেষে হাতের তোমার,
ডেই বড়ো টেম হয়।
কারো বহুদম বন্ধু তুমি
তোমার তুলনা না তে,
মাঝে মাঝে আসবো আমি
দেখার হৈছে হবে যত।
টিফিন থাওয়া, সান্তি পাওয়া
সবই সেই বহুদমতন্য,
বিদ্যাম শেষে নেইকো কথা
শুধুই প্রথম নেটমার পালা,
তুলবো না গো তোমার হাস্য
মিষ্টি সুরের থাওয়া,
বিদ্যালয়ের স্মৃতির মাঝে
তুমিই বড়ো পাওয়া।

Ankuditi Roy
III Semester

দূষণ

দূষণ দূষণ দূষণ!
চারিদিকে হৈছে বাত দূষণ।
বায়ুদূষণে হৈছে বাত রোগ,
দায়ী মারা, অসহ্য বসন্তে ভোগ,
মাটি দূষণে হৈছে যজ্ঞল নষ্ট,
বাতহৈ এতে মানুষেরই বসন্ত,
জলদূষণে মরছে জনজ প্রাণীস্বয়,
এর জন্তেও দায়ী মানুষেরা।
শক্তি দূষণে বগন হৈছে ক্যান্সাপাল্য,
না কমাতে মানুষেরই বাতবে জ্বাল্য,
গাছ বোঁটো না বাতহৈ দেখো দূষণ,
দূষিত কার্বন গ্যাসই করে শোষণ ॥

Anpita Samanta
III Semester

আমি কে?

আমি কে?
আমি এক অগাধীনা মেয়ে, জবকাই শুরুর ব্যর্থতাই মেল।
আমি এক নির্মাণ প্রেমিক, হজমায় পার হয় কৈনিক।
আমার নেইকো সান্তি, সের শুরুর দেখি নিশু,
আমি এক নতুন পর্মতক, তেজসী দেখা আমার বহু শখ।
আমি এক হাতে দৃষ্টি লেখক, কিন্তু আমি নই শিল্পক।
আমি এক দ্যাতিপাল্লার মানুষ, এক কর্মবাহু আমি প্রেমক।
আমি হলান পাণ্ডিত্যীন যুল, গবিরে সাথে মেলা আমার কুল।
আমি হলান সারা পাণ্ডার কিছু কথা, খরুকা জবাব মনে কথা।

Tarima Chakrabarty
III Semester

শেষ কথা

॥ হামবর পাশে বোদ্ধুরে, ছুবেছে বহন সমুদুরে
হৈছে জতে মল্লহৈ বোদ্ধ।
বসন্ত সে তে অপহই নয়, জন্মজন্মও বাস্তব হয়।
ইনিউসনে চলছে খেঁজ,
প্রাণ যন চোখ মেলি, চকুবিদ্যু: নীচপেল
বসন্তুতে মেঘ জতাপন,
জালোবেলে জিতছে রোজ,
দুখে তে সব জারজ;
বসন্তবাতির ব্যাধাপন,
টেসে খরুর অগাধীনার, খেলনা জনম
বইছে তার;
জিউনুখে সবলপ্রোত।
উড়লো হাতমাড় ইলার মুখ, জলেন মেনের
পুতলা বুকা; জাপরাক্তি পুনশোকা,
ববিতা ববন শকুদন, অম্লভূতি জোনারই আশ্রম
খানকা উড়ে সব ব্যাধ।
সাদ্যবালো সাদ্যব, মায়া বিবেক বৈশ
করে; পবিনতিই শেষ কথা ॥

Krishna Bhandary
VI Semester