

ONLINE STUDENT SEMINAR ON

"UNDERSTANDING CHEMISTRY"

BY 3RD SEMESTER CHEMISTRY (HONS) STUDENTS OF DEPARTMENT OF CHEMISTRY,
BARASAT GOVT. COLLEGE

Date: 16th and 17th November, 2023

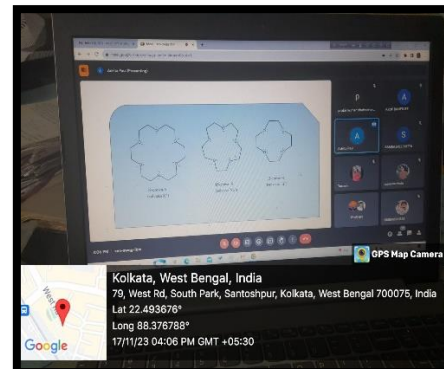
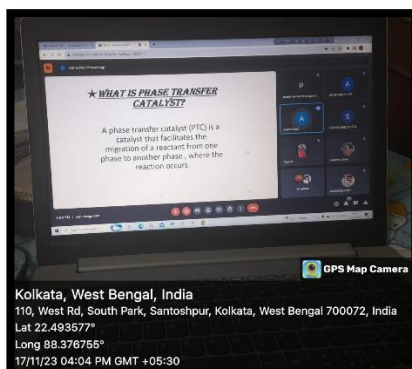
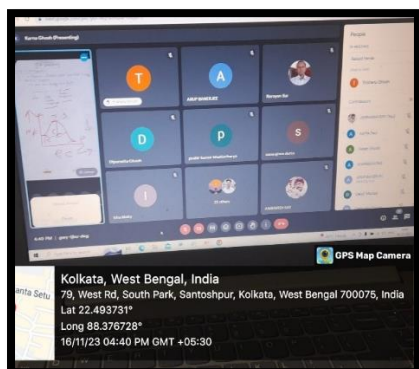
Time: 4pm onwards

Number of participants: 30

Date: 16.11.2023 4PM onwards			
Sr. No	Name	Roll No.	Topic
1	Isha Maity	46	KCP & TCP in Reversible & Irreversible Reactions
2	Trishanu Ghosh	33	Periodic Table and Periodicity of Elements
3	Dipanwita Ghosh	50	Biphenyl System
4	Karna Ghosh	42	EP diagram
5	Pallabita Ghosh	09	Carbene
6	Md Jahirul Islam	13	Topicity of ligands
7	Sukanta Sarkar	11	Canizzarro Reaction

Date: 17.11.2023 4PM onwards			
Sr. No	Name	Roll No.	Topic
1	Adrita Paul	53	Phase Transfer catalyst
2	Palash Ghosh	23	Photoelectric Effect
3	Tripa Saha	48	Lewis acid base and back bonding
4	Akash Ghosh	27	Artificial Intelligence in Chemistry
5	Ayuskar Mondal	25	Kinetic Isotope Effect
6	Debjit Mondal	37	Chemical and Biological Warfare

Photographic Evidence:



16:30 95%

← gwy-tjbo-deg

Atropisomerism

Fixed rotation

The two substituents on each of the central carbons of atropisomerism are in such a position that rotation is hindered.

The most important example of atropisomerism is observed in cases of biphenyl systems.

Biphenyl System

Two phenyl rings are attached by a C-C single bond which is known as phenyl bond. It may undergo rapid C-C bond rotation.

c1ccc(cc1)-c2ccccc2 → plane of symmetry

Optically inactive

So, there is no stereoisomerism in such simple biphenyls.

Docum...

Dipenwite is presenting

16:04 95%

← gwy-tjbo-deg

Ad Space

Atropisomerism

Fixed rotation

The two substituents on each of the central carbons of atropisomerism are in such a position that rotation is hindered.

The most important example of atropisomerism is observed in cases of biphenyl systems.

Biphenyl System

Two phenyl rings are attached by a C-C single bond which is known as phenyl bond. It may undergo rapid C-C bond rotation.

c1ccc(cc1)-c2ccccc2 → plane of symmetry

Optically inactive

So, there is no stereoisomerism in such simple biphenyls.

1/4

Ishita is presenting

4:05

← xen-swag-i-...

Ad Space

Atropisomerism

Fixed rotation

The two substituents on each of the central carbons of atropisomerism are in such a position that rotation is hindered.

The most important example of atropisomerism is observed in cases of biphenyl systems.

Biphenyl System

Two phenyl rings are attached by a C-C single bond which is known as phenyl bond. It may undergo rapid C-C bond rotation.

c1ccc(cc1)-c2ccccc2 → plane of symmetry

Optically inactive

So, there is no stereoisomerism in such simple biphenyls.

Adrita is presenting

5:11

← xen-swag-i-...

Ad Space

Atropisomerism

Fixed rotation

The two substituents on each of the central carbons of atropisomerism are in such a position that rotation is hindered.

The most important example of atropisomerism is observed in cases of biphenyl systems.

Biphenyl System

Two phenyl rings are attached by a C-C single bond which is known as phenyl bond. It may undergo rapid C-C bond rotation.

c1ccc(cc1)-c2ccccc2 → plane of symmetry

Optically inactive

So, there is no stereoisomerism in such simple biphenyls.

Ayisha is presenting