F. ICT enabled Tools Used by Teachers for effective teachinglearning process.

E-Content Study Materials/ Soft Copy of Self-made Study Materials in PDF/PPT Format Provided to Learners

Details of PPT and PDF Shared by Faculties during 2022-2023:

SI	Department	No. of PPTs Using	No of PDF	Remarks
No.		Classes		
1	Education	32	76	Self-made materials in PDF
2	Chemistry	24	36	
3				

ICT enabled Classes (Smart class):

SI No.	Department	No. of smart Classes
1	Chemistry	08
2	Bengali	08

Online Classes/ Interaction through YouTube channel, Whatshop, Google meet etc.

List of E-Content on YouTube Channel by Faculties During 2022-2023:

SI No.	Name of Faculty	Department	Topic	Youtube link
1	Dr. Sudipta Tarfdar	Bengali	Abanindronather Godyoriti/ 2d sem Bengali Hons 2020 part-5	https://youtu.be/RyoxSvVY_q0
2	Dr. Sudipta Tarfdar	Bengali	Abanindronather Godyoriti/ 2d sem Bengali Hons 2020 part	https://youtu.be/cRbO0luD5PE
3	Dr. Sudipta Tarfdar	Bengali	Abanindronather Godyoriti/ 2d sem Bengali Hons 2020 part-3	https://youtu.be/gxYYp6OIRiE
4	Dr. Sudipta Tarfdar	Bengali	Abanindronather Godyoriti/ 2d sem Bengali Hons 2020 part-2	https://youtu.be/7wsg_g1LmKo
5	Dr. Sudipta Tarfdar	Bengali	Abanindronather Godyoriti/ 2d sem Bengali Hons 2020 part-1	https://youtu.be/pOALyjdp2LQ
6	Dr. Sudipta Tarfdar	Bengali	Tragedy-1 Sem-IV (Hons.)	https://youtu.be/qaLWMkqQ5kA
7	Dr. Sudipta Tarfdar	Bengali	Vivekanonder Godyarity / Bengali part-1 Sem-II (Hons.)	https://youtu.be/ZCr0fjgSnOw
8	Dr. Jasmeet Singh	English	Chronicle of a Death Foretold Part -5	https://youtu.be/HIOopaOHM-g
9	Dr. Jasmeet Singh	English	Chronicle of a Death Foretold Part -4	https://youtu.be/VEK9j3tKoZY
10	Dr. Jasmeet Singh	English	Chronicle of a Death Foretold Part -3	https://youtu.be/ghQL4B0TG80
11	Dr. Jasmeet Singh	English	Chronicle of a Death Foretold Part -2	https://youtu.be/XuXNJIMerC4

1	L2	Dr. Jasmeet Singh	English	Chronicle of a Death Foretold	https://youtu.be/JdL9r2iVCTA
				Part- 1	
1	L3	Dr. Jasmeet Singh	English	Bertolt Brecht Part- 1	https://youtu.be/x-Tn1APkVHE

Details of Social Media (Blog, WhatsApp/Telegram) used by faculties Links of WhatsApp/Telegram Links of Faculties During 2022-2023:

SI No.	Department	Class	No. of Participants	WhatsApp/Telegram Links
1	Education	4 th and 5 th Sem. Gen. Group-A	115	https://chat.whatsapp.com/ljfVsN3sF5HGYrAHPLPZlz
2	Education	4 th and 5 th Sem. Gen. Group-B	190	https://chat.whatsapp.com/BCxHSluENU85YPpLpatwTX
3	Education	4 th and 5 th Sem. Gen. Group-C	114	https://chat.whatsapp.com/Jud7djWiFtF75yOSM10rQb
4	Education	4 th and 5 th Sem. Gen. Group-B	125	https://chat.whatsapp.com/Ft8VbiEfaBKKIUcevvaACG
	Education	5th Sem. Hons	37	https://chat.whatsapp.com/J8qVeNG084mA40sVwYtbuD
5	Education	1st Sem. Hons.	42	https://chat.whatsapp.com/LMhT3Gectv26W9u2D373YX
6	Education	6th Sem Hons	30	https://chat.whatsapp.com/C9GQdkttyvI7zFUfZ2Fd8P
7	Education	6th Sem Gen group-A	214	https://chat.whatsapp.com/KLs1U6hObxG8iQhuvytodV
8	Education	6th Sem Gen group-B	113	https://chat.whatsapp.com/DiS5P8FbUdmGRfHqA4YY0z
9	Education	6th Sem Gen group-C	102	https://chat.whatsapp.com/CrCEznrCvOeKDNqEBXUm4d
10	Sanskrit	1 st Semester Honours	13	https://chat.whatsapp.com/EdSqOkzN6EpGMDY5Ulu5xe
11	Sanskrit	3 rd Semester Honours	12	https://chat.whatsapp.com/KM2aiaj52vQ9IXQ4SYd8oS
12	Sanskrit	5 th Semester Honours	13	https://chat.whatsapp.com/BBuuHTsHZUv2dqUbrnr46R
13	Sanskrit	2 nd Semester Honours	11	https://chat.whatsapp.com/EdSqOkzN6EpGMDY5Ulu5xe
14	Sanskrit	4 th Semester Honours	12	https://chat.whatsapp.com/KM2aiaj52vQ9IXQ4SYd8oS
15	Sanskrit	6 th Semester Honours	13	https://chat.whatsapp.com/BBuuHTsHZUv2dqUbrnr46R
16	Sanskrit	1 st Semester General	24	https://chat.whatsapp.com/ExnV0q6TWJoIsmhG6XPWek
17	Sanskrit	3 rd Semester General	28	https://chat.whatsapp.com/BBuuHTsHZUv2dqUbrnr46R
18	Sanskrit	5 th Semester General	28	https://chat.whatsapp.com/EAAmuVPoRd0BHBhQNi7xDO
19	Sanskrit	2 nd Semester General	24	https://chat.whatsapp.com/ExnV0q6TWJoIsmhG6XPWek
20	Sanskrit	4 th semester General	28	https://chat.whatsapp.com/BBuuHTsHZUv2dqUbrnr46R
21	Sanskrit	6 th Semester General	28	https://chat.whatsapp.com/EAAmuVPoRd0BHBhQNi7xDO
22	Chemistry	6 th Sem Honours	13	https://classroom.google.com/c/NTYzNTUzMjE3NjE3?cjc=wca6amp

23	Chemistry	4 th Sem Honours	7	https://classroom.google.com/c/NTAzMTExMTUwOTA5?cj c=kggu5p4
24	Chemistry	5 th Sem Honours	13	https://classroom.google.com/c/NTAzMTExMDEzNzc0?cjc =u4ioh2t
25	Chemistry	1 st Sem Honours	4	https://classroom.google.com/c/NTAzMTExNjAzNTEx?cjc=bln5xej
26	Chemistry	Sem-3 Honours	7	https://classroom.google.com/c/NTM5MjI2MTY4NDY0?cjc =mk4pfku
27	Chemistry	Sem-5 Honours	13	https://classroom.google.com/c/NDk3NTk3MzgwNjcz?cjc= zcnoccj

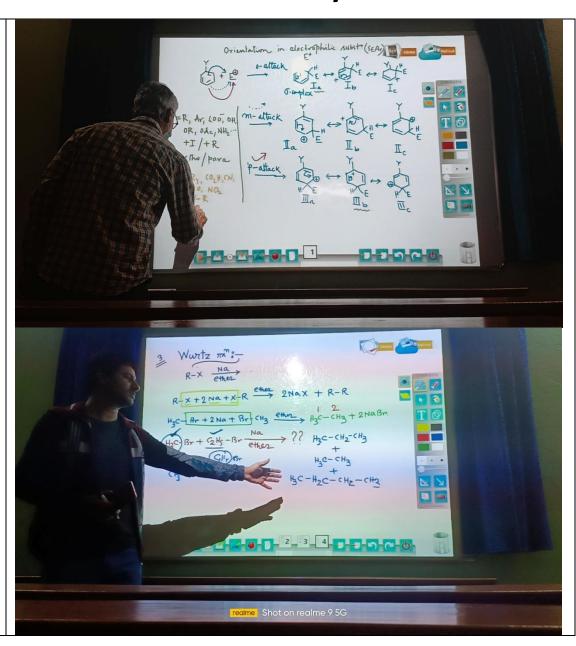
Details of Online Class Link

SI N o.	Departme nt	Class	Google class code	Meeting URL	Remarks
1	Education	B.A. 2 nd semester		https://meet.google.com/vfm-wjgx- cfe	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
2	Education			https://meet.google.com/aek-ctib- jpm	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
3	Education	B.A. 4 th Semester		https://meet.google.com/ygg-iiec- tiy	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
4	Education	B.A. 1 st Semester		https://meet.google.com/svd-ijdm- yxo	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
5	Education	B.A. 1 st Semester		https://meet.google.com/axt-adfb- ryu	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
6	Education	B.A. 1 st Semester		https://meet.google.com/rqj-qrkg- nfu	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
7	Education	B.A. 1 st Semester		https://meet.google.com/sfc-pobd- qkj	Collaborative Class between Sree Chaitanya Mahavidyalaya and RBC College for Women
8	Food and Nutrition	1 st Semester	ovnqdux	https://classroom.google.com/c/MT M4OTE4NTY5ODcz?cjc=ovnqdux	
9	Food and Nutrition	5 th Semester	etkda3t	https://classroom.google.com/c/MT QzNTU3NzMyNzgy?cjc=etkda3t	
10	Food and Nutrition	1 st Semester	s34dbb q	https://classroom.google.com/c/MT E5MTEwNTM0ODUw?cjc=s34dwbq	
11	Food and Nutrition	1 st Semester		https://classroom.google.com/c/ND MxNzkwNTkzNDIx?cjc=yblqvo3	
12	Food and Nutrition	1 st Semester	jk7olpe	https://classroom.google.com/c/ND E4NTczODQ0MzE4?cjc=jk7olpe	
13	Food and Nutrition	3 rd Semester	arhuw pd	https://classroom.google.com/c/MT cwMDYyNDEwOTI0?cjc=arhuwpdhtt ps://classroom.google.com/c/MTcw MDYyNDEwOTI0?cjc=arhuwpd	

14	Food and	3 rd	jiwjuap	https://classroom.google.com/c/MT
	Nutrition	Semester		U4NTQ5NDY0NDEy?cjc=jiwjuaphttps
				://classroom.google.com/c/MTU4NT
				Q5NDY0NDEy?cjc=jiwjuap

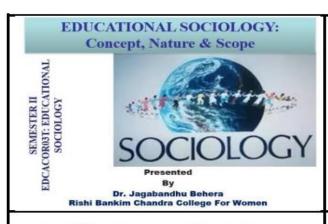
ICT enabled Smart Classes taken by Faculties:

Department of Chemistry ICT enabled Smart Classes:





PPTs Made and Taken Classes thhrough PPTs by Faculties



Creativity: Concept, Nature, Process, Factors & Techniques of Devt. of Creativity



By Dr. Jagabandhu Behera Rishi Bankim Chandra College For Women Naihati, North 24 Pgs.

MICROTEACHING AS A STRATEGY FOR TEACHER PREPARATION অনু–শিক্ষণ শিক্ষক ভৈরির একটি বিশেষ কৌশল

Class: B.A. Part-II (Hons)

per: IV Group: B Unit: III
Name of the Paper: Educational Technology

& Educational

Educational Management

Presented By

Dr. Jagabandhu Behera Assistant Professor of Education RBC College For Women

Properties of Normal Probability

Curve

Dr. Jagabandhu Behera

Assistant Professor
Department of Education
Rishi Bankim Chandra College For Women
Naihati, West Bengal

LEVEL OF TEACHING

Paper Code: EDCACOR04T
Paper Title: Pedagogy
Topic: Levels of Teaching
Class: B.A. 2nd Semester (Hons.)
Class taken



Dr. Jagabandhu Behera

Asst. Prof. of Education, RBC College For Women, Naihati

Constructivist Approach to Teaching and Quality Education Constructivism

Presented By Presented By

Dr. Jagabandhu Behera
Assistant Professor of Education
RBC College For Women, Naihati.
West Bengal

"সর্বোচ্চ শিক্ষা কেবল
আমাদের
তথ্য সরবরাহ করে লা,
সর্বোচ্চ শিক্ষা তাই যা সৃষ্টির
সকল বিষয়ের সাথে
সামগ্রস্যের বন্ধলে আবন্ধ
করতে শেথায়" ---রবীন্দ্রলাথ ঠাকুর



Educational Thoughts of Rabindranath রবীন্দ্রনাথ ও তাঁর শিক্ষা চিন্তা

Presented By
Dr. Jagabandhu Behera
Assistant Professor of Education, RBC College For Women, Naihati.
West Bengal

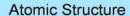
Sampling: Types, Process & Techniques

Sampling Design

Presented By

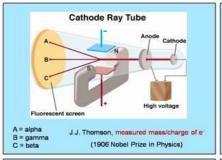


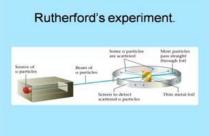
Dr. Jagabandhu Behera Assistant Professor RBC College For Women

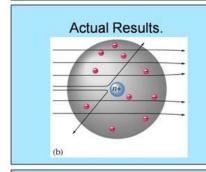


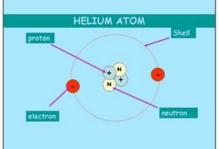
All matter is composed of atoms.

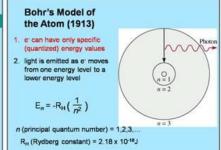
Understanding the structure of atoms is critical to understanding the properties of matter

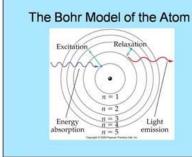


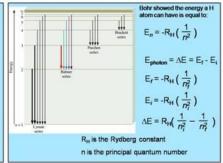


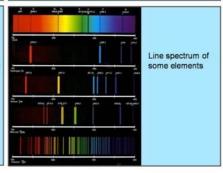














Negatively charged nucleophiles like HO^{*} and HS^{*} are used as salts with U^{*}, Na^{*}, or K^{*} counterions. Since the identity of the counterion is usually inconsequential, it is often omitted from the chemical equation.

. When a neutral nucleophile is used, the substitution product bears a positive charge.



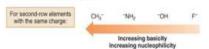
- Nucleophilicity parallels basicity in three instances:
 - 1. For two nucleophiles with the same nucleophilic atom, the stronger base is the stronger nucleophile.

The relative nucleophilicity of HO' and CH₃COO', two oxygen nucleophiles, is determined by comparing the pK₄ values of their conjugate acids (H₃O = 15.7, and CH₃COOH = 4.8). HO' is a stronger base and stronger nucleophile than CH₃COO'.

2. A negatively charged nucleophile is always a stronger nucleophile than its conjugate acid.

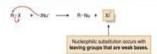
HOT is a stronger base and stronger nucleophile than H₂O.

3. Right-to-left-across a row of the periodic table, nucleophilicity increases as basicity increases:



The Leaving Group

- In a nucleophilic substitution reaction of R—X, the C—X bond is heterolytically cleaved, and the leaving group departs with the electron pair in that bond, forming X:". The more stable the leaving group X:", the better able it is to accept an electron pair.
- In comparing two leaving groups, the better leaving group is the weaker base.



 \bullet For example, H₂O is a better leaving group than HO $\dot{}$ because H₂O is a weaker base.



The Nucleophile . In polar aprotic solvents, nucleophilicity parallels basicity, and

the stronger base is the stronger nucleophile.

· Because basicity decreases as size increases down a column, nucleophilicity decreases as well.



Table 7.4	Common Nucleophiles in Organic Chemistry				
	Negati	ively charge	Neutral nucleophiles		
Oxygen	"OH	108	CH1000.	H _i O	ROH
Nitrogen	N ₂			NH ₂	RNH ₂
Carbon.	TON	HC#C"		5000.00	
Halogen	Ct.	8/	E		
Sultur	HS"	RST		HJS	RSH.

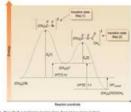
As the number of R groups on the carbon with the leaving group increases, the rate of an S_n2 reaction decreases.



- Methyl and 1* alkyl halides undergo S_N2 reactions with ease.
- · 2* Alkyl halides react more slowly.
- 3" Alkyl halides do not undergo S_N2 reactions. This order of reactivity can be explained by steric effects. Steric hindrance caused by bulky R groups makes nucleophilic attack from the backside more difficult, slowing the reaction rate.

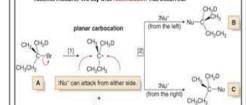
An energy diagram for the S_N1 reaction

(CH₃)₂CBr + CH₃COO⁻ → (CH₃)₂COCOCH₃ + Br⁻



Mechanisms of Nucleophilic Substitution—Stereochemistry

- Loss of the leaving group in Step [1] generates a planar carbocation that is achiral. In Step [2], attack of the nucleophile can occur on either side to afford two products which are a pair of enantiomers.
- Because there is no preference for nucleophilic attack from either direction, an equal amount of the two enantiomers is formed—a racemic mixture. We say that racemization has occurred.



- The rate of an S_N1 reaction is affected by the type of alkyl halide
- As the number of R groups on the carbon with the leaving group increases, the rate of an S_n1 reaction increases



- 3° Alkyl halides undergo S_N1 reactions rapidly.
- 2" Alkyl halides react more slowly.
 Methyl and 1" alkyl halides do not undergo S_N1 reactions.
 - This trend is exactly opposite to that observed in S_n2 reactions.

Types of Research



Presented

By

Dr. Jagabandhu Behera Rishi Bankim Chandra College For Women Naihati, North 24 Pgs.

Hypothesis: Concept, Sources, Types, Techniques & Criteria of Good Hypothesis

> Presented By



Dr. Jagabandhu Behera Assistant Professor RBC College For Women

Classi B. A. I* Semester (General)

Paper Code: DSC 1A (EDCGCOR01T) / GE 1(EDCHGE01T)

Paper Title: Philosophical Foundation of Education

Unit-I: Concept and Scope of Education

(শিক্ষার ধারলা এবং পরিসর)

a. Concept, Nature & Scope of Education (শিকার ধারণা, প্রকৃতি এবং পরিসর)

b. Factors of Education -

(Teacher, Pupil, Curriculum, Institution) -বিভান উপাদান (বিভাক, বিভাগী, পাঠ্যক্রম, প্রতিষ্ঠান)

c. Interrelationship between the factors (উলামানভূমির মধ্যে আন্তঃসংস্কৃ)



Presented by Dr. Jagabandhu Behera RBC College For Women

Intelligence; Meaning & Nature (বুদ্ধির অর্থ/ধারনা ও বেশিষ্ঠ্য)



Presented by

Dr. Jagabandhu Behera Asst. Professor of Education, RBC College For Women

NCERT: Organizational Structures & Functions



Presented By

Dr. Jagabandhu Behera Assistant Professor RBC College For Women

প্রাচীন ভারতীয় শিক্ষা ব্যবস্থা



Presented by Dr. Jagabandhu Behera Asst. Professor of Education, RBC College For Women

লালন্দা বিশ্ববিদ্যাল্য একটি প্রাচীল ভারতীয় শিক্ষা কেন্দ্র



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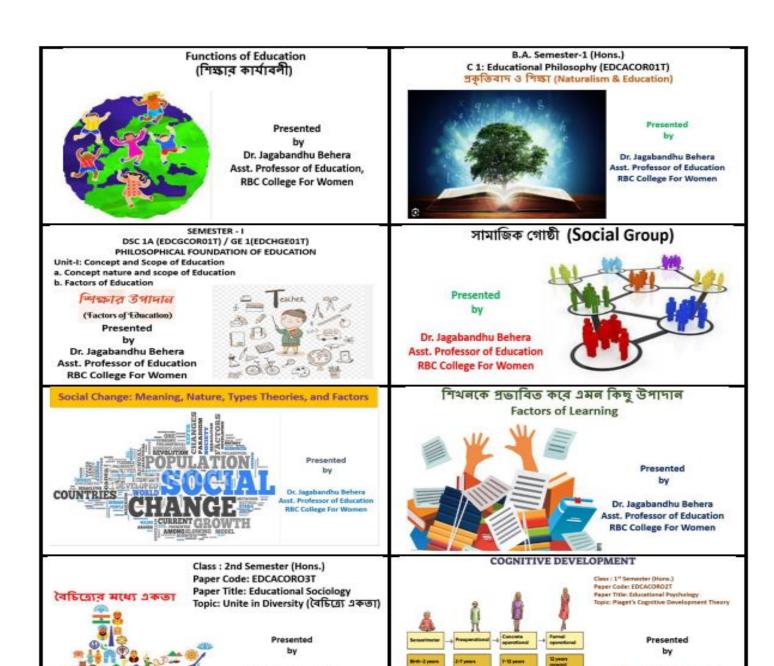
অন্তর্ভুক্তিমূলক শিক্ষার ধারণা, বৈশিষ্ট্য, উপাদান ও নীতি Inclusive Education : Concepts, Characteristics, Components and Principles

Presented

by Dr. Jagabandhu Behera Asst. Professor of Education

RBC College For Women





Dr. Jagabandhu Behera

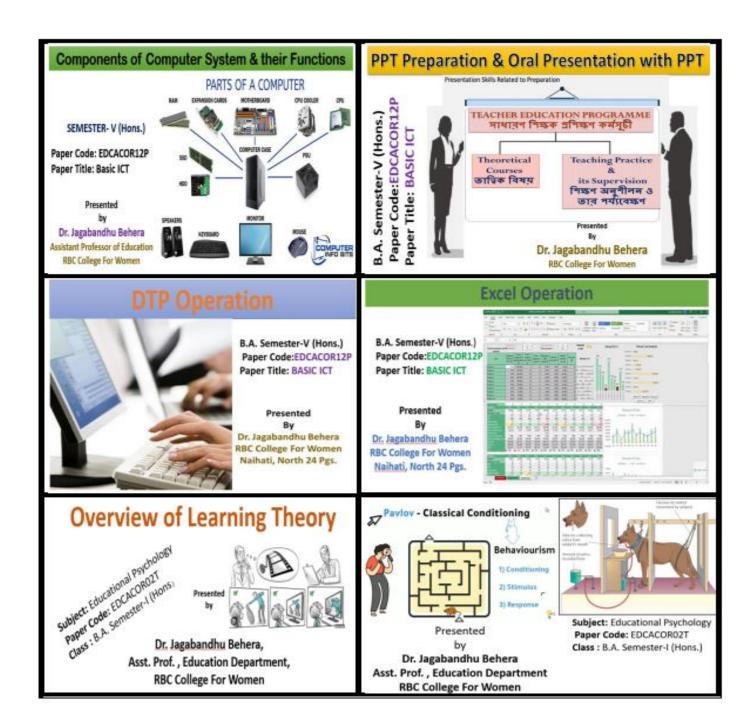
Assistant Professor of Education

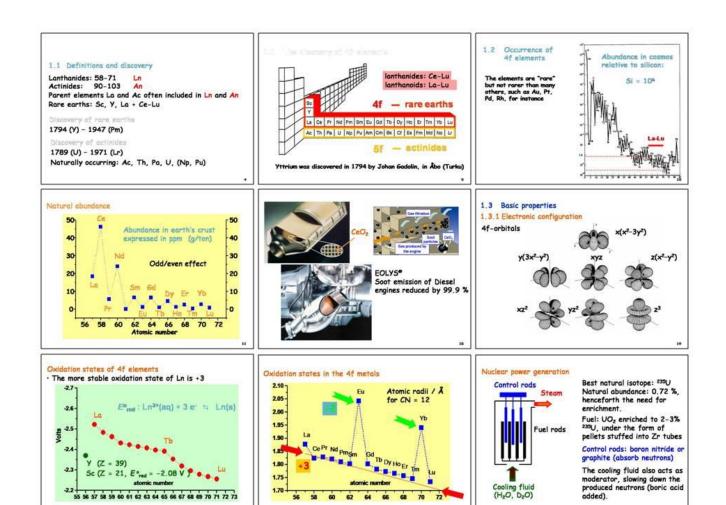
RBC College For Women

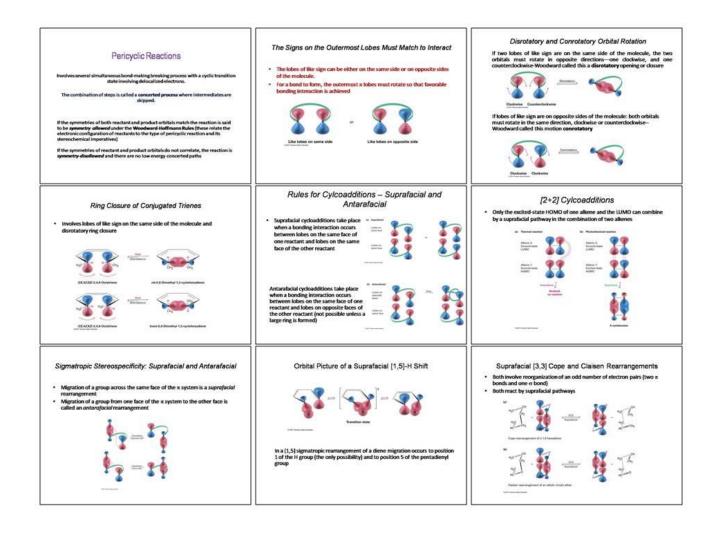
Dr. Jagabandhu Behera

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Principal
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