



One day International Webinar on Energy for a Sustainable Future

Organized by:

Department of Chemistry in Collaboration with IQAC,
Karimpur Pannadevi College, Nadia, West Bengal, India

Date: 8 th October, 2020 Time: 15:00 to 18:15 (IST)

Speakers:



Dr. Naba Kumar Mondal

Professor,

Department of Environmental Science, The University of Burdwan,
Burdwan, West Bengal, INDIA

Topic: Searching of Hidden Energy



Dr. Ramendra Sundar Dey

Associate IASC, Scientist

Institute of Nano Science and Technology, Mohali, Punjab, INDIA

Topic: Electrochemical Energy Storage:
Towards the Development of Sustainable Future



Dr. Shreyam Chatterjee

Assistant Professor

Department of Soft Nanomaterials,
Institute of Scientific and Industrial Research (ISIR), Osaka University, JAPAN

Topic: Systematic Development, Synthesis and Application of New
 π -Conjugated Compounds for Organic Solar Cell Devices

Patron:

Mr. Kaustav Bhattacharyya, Teacher-in-Charge, Karimpur Pannadevi College,
Karimpur, Nadia, West Bengal, India

Convener:

Dr. Kartick Chandra Pal, Assistant Professor, Department of Chemistry
Karimpur Pannadevi College, Karimpur, Nadia, West Bengal, India

IQAC Coordinator:

Dr. Prasenjit Saha, Karimpur Pannadevi College, Karimpur, Nadia, West Bengal, India

Departmental Advisors:

Dr. Mrinal Kanti Das, Assistant Professor, Karimpur Pannadevi College.

Mr. Abhijit Biswas, SACT, Karimpur Pannadevi College.

Mrs. Jayasri Ray Kundu, SACT, Karimpur Pannadevi College.

Mr. Arnab Shil, SACT, Karimpur Pannadevi College.

Contact: 9476235207

Email: pal.kartickchem@gmail.com

E-certificate will be provided for active participation.

Vision:

Energy is at the heart of most critical economic, environmental and developmental issues facing the world today. It is one of the basic components for smooth functioning of human activity and played a pivotal role in human civilization. Fossil fuels are the conventional sources of energy which are non-renewable and their known reserves are depleting day by day. Therefore, a fresh and systematic power infrastructure investment is needed to meet the current and future energy demand. On the verge of such a global energy crisis due to the rapid dissolution of fossil fuels, self-sustainable integrated energy systems can be the most plausible solution. Finding environmentally benign fossil fuel replica with a broad performance spectrum is still a very encouraging field of research. The increasing craze for portable electronics and hybrid vehicles are raising the bar for the model energy storage systems with high specific energy and power. Organic Solar Cell (OSC) is also a promising alternative for clean and renewable energy due to their potential to be fabricated onto large area, light-weight flexible substrates by solution processing at low cost. In recent times, a tremendous effort related to renewable energy devices has been put forwarded.

The webinar will explore:

1. The fundamentals of searching new energy resources which deal with a little ecological concern.
2. The new developments in supercapacitors, air-batteries, and renewable fuel generation with carbonaceous materials and non-noble metal-based catalysts.
3. The development of new π -conjugated systems for the advancement of Organic Solar Cell (OSC) research into a next level upto commercialization and application of these newly synthesized compounds as non fullerene acceptor into OSC device with poly(3-hexyl thiophene) (P3HT) as a wide band gap donor.

Time Schedule:

Time (IST)	Event
3:00-3:05 pm	Inaugural address by Convener, Dr. Kartick Chandra Pal
3:05- 3:10 pm	Welcome address by Mr. Kaustav Bhattacharyya, Teacher -in- Charge, Karimpur Pannadevi College
3:10-3:20 pm	Keynote address by convener, Dr. Kartick Chandra Pal
Technical session: 1	
3:20-4:00 pm	Invited speech by Dr. Naba Kumar Mondal
4:00-4:15 pm	Short interaction between audience and speaker on the topic of discussion.
Technical session: 2	
4:15-4:55 pm	Invited speech by Dr. Ramendra Sundar Dey
4:55-5:10 pm	Short interaction between audience and speaker on the topic of discussion
Technical session: 3	
5:10-5:50 pm	Invited speech by Dr. Shreyam Chatterjee
5:50-6:05 pm	Short interaction between audience and speaker on the topic of discussion
6:05-6:15 pm	Vote of thanks by Dr. Prasenjit Saha, Coordinator, IQAC, Karimpur Pannadevi College



Dr. PRASENJIT SAHA <prasenjit@karimpurpannadecollege.ac.in>

One Day International webinar on "Energy for a Sustainable Future" Organised by Department of Chemistry in association with IQAC (Responses) - Invitation to edit

1 message

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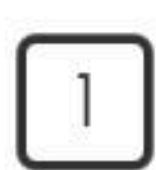
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4	9/23/2020 15:09:25	anirbansarkar9977@gma	Anirb
5	9/23/2020 15:26:18	susovanm6@gmail.com	Susc
6	9/23/2020 15:36:58	saptarshi.iacs@gmail.co	Dr. S
7	9/23/2020 15:45:26	suvarungoswami@gmail	DR S
8	9/23/2020 15:46:37	deepckbty@gmail.com	Dr. D
9	9/23/2020 15:50:43	pramanikmainak2018@g	Mair
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11	9/23/2020 16:04:11	tanmaymathur74@gmail	Dr. T
12	9/23/2020 16:07:41	suvranshupan@gmail.co	Dr. S
13	9/23/2020 16:15:24	uttam.rpaul@gmail.com	Dr. U
14	9/23/2020 16:20:14	tanbir1927@gmail.com	Tank
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21	9/23/2020 16:41:48	sengupta.sum@gmail.co	Dr. S
22	9/23/2020 17:04:09	mdattan@gmail.com.	Dr. M
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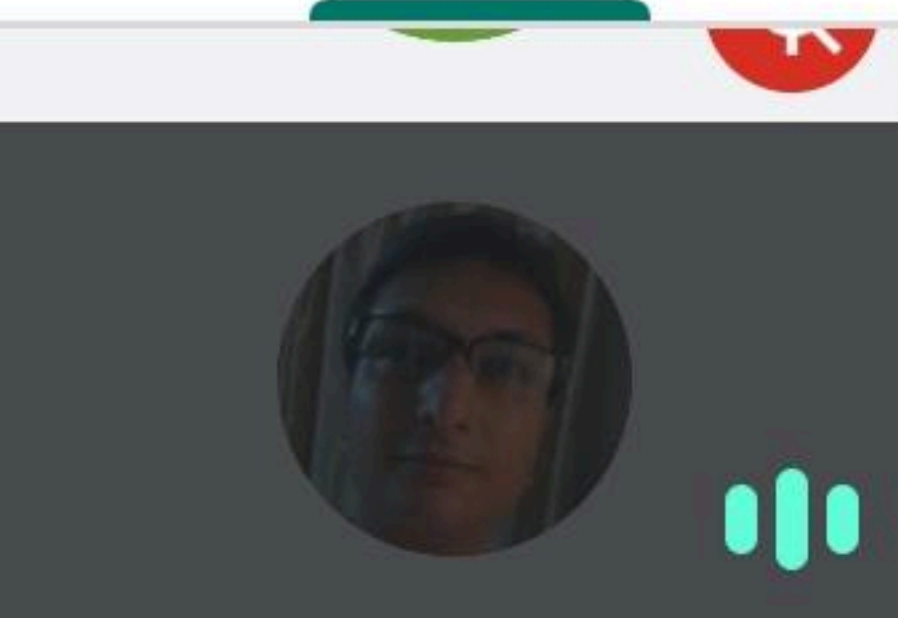


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149	10/1/2020 22:43:21	biswajitchem@gmail.com	Dr. Bi
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158	10/7/2020 0:53:04	dikshabansal789@gmail.	Diks
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163	10/7/2020 20:17:14	rahul.chowdhury91@gma	Rahu
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168	10/7/2020 22:12:50	toyajel@gmail.com	Toya
169	10/7/2020 22:43:47	samirmaji@rediffmail.co	Dr. S
170	10/8/2020 8:25:16	dipupal182@gmail.com	Dipu
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172	10/8/2020 10:29:17	bedanta555@gmail.com	Beda
173	10/8/2020 10:47:22	nayan909@gmail.com	Dr N
174	10/8/2020 11:25:39	kausik_city@yahoo.com	Dr. K
175	10/8/2020 11:37:50	priyabrata.chem@gmail.c	PRIY
176	10/8/2020 11:38:17	amitavanayek@gmail.coi	Dr. A
177	10/8/2020 12:20:58	sinharovsolumva@gmail.	Mr S



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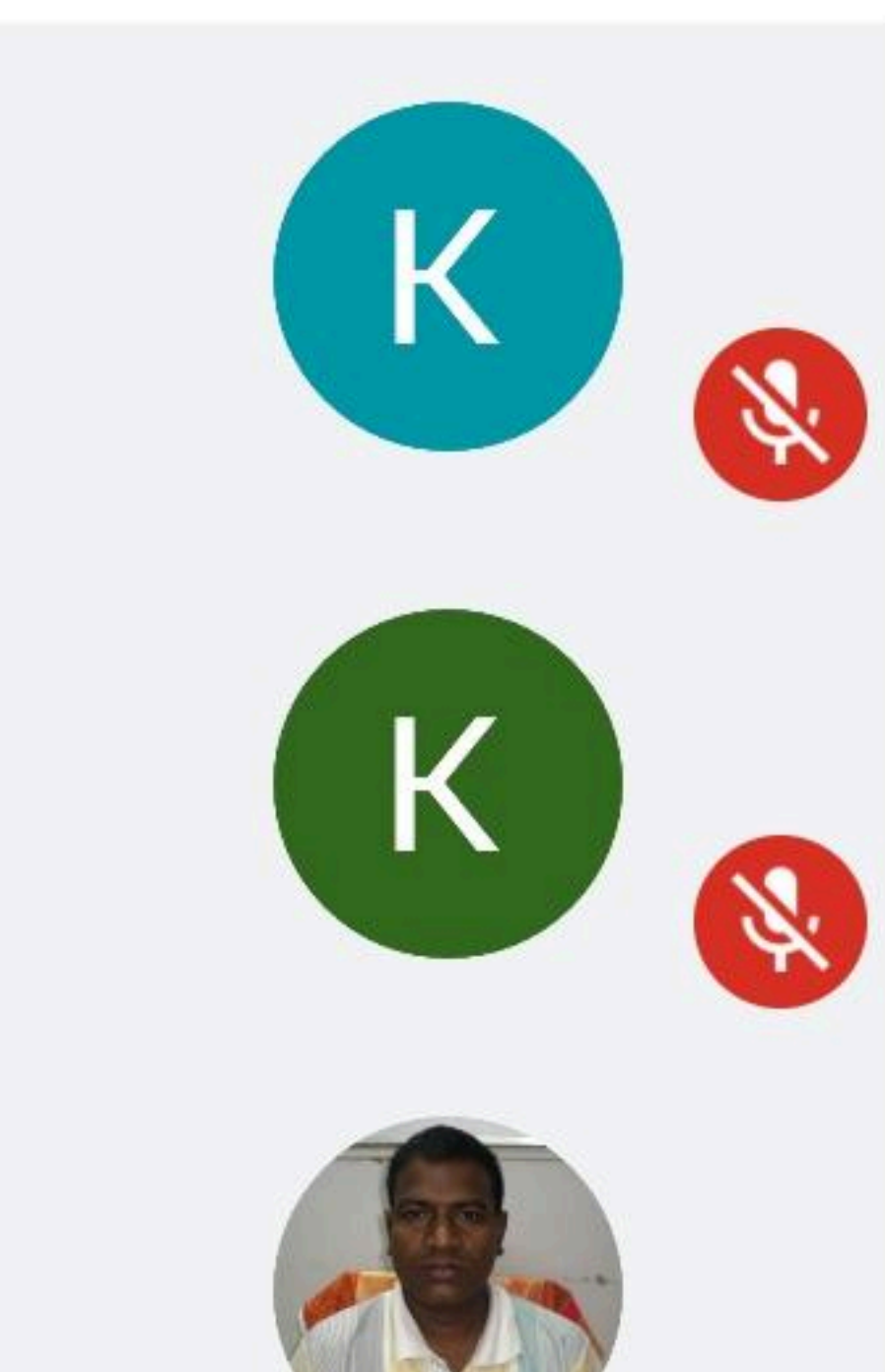
Kaustav Bhattacharyya



Ramendra Sundar Dey



Others in the meeting (3)



Karimpur Pannadevi College



Kartick Chandra Pal



Naba Mondal





Live chat

Top chat  263:05 PM **Pijush Shil** good afternoon3:06 PM **Kousik Dandapat** Kousik Dandapat ..Assistant Teacher of Chemistry....Gopalpur High School(H.S)3:06 PM **Kisor Baulia** Kisor Baulia, Assistant Professor, Karimpur Pannadevi College3:06 PM **Sudipta Das** Good morning everyone.. Dr. Sudipta Das, Raina S.B. Vidyayatan, Raina, Purba Bardhaman, WB3:07 PM **Anirban Sarkar** Anirban Sarkar , Student of Chemistry Hons , Karimpur Pannadevi College 😊3:08 PM **soumya sinha roy** S3:08 PM **Supriya Sau** Supriya Sau, Ph.D. research scholar, IIT Bombay

Welcome to live chat! Remember to guard your privacy and abide by our Community Guidelines.

[LEARN MORE](#)3:09 PM **soumya sinha roy** Good Afternoon All. Myself Mr. Soumya Sinha Roy,Faculty,Dept. of Chemistry, Polba Mahavidyalaya

Chat publicly as Prasenjit Saha...



KARIMPUR PANNADEVI COLLEGE

P.O-KARIMPUR, DISTRICT-NADIA, WEST BENGAL, INDIA, PIN-741152

Website - www.karimpurpannadevicollege.ac.in

No. : DIAWFI-CE000055

Certificate of Participation

ONE-DAY INTERNATIONAL WEBINAR ON ENERGY FOR A SUSTAINABLE FUTURE

This is to certify that Prasenjit saha, Assistant professor
of Karimpur pannadevi college has actively participated in the International
Webinar on "Energy for a Sustainable Future" held on , 8th October, 2020 from 3.00 pm - 6.15pm, organised by
Department of Chemistry in association with IQAC Karimpur Pannadevi College, Karimpur, District-Nadia.

Dr. Prasenjit Saha
IQAC - Coordinator
Karimpur Pannadevi College

Dr. Kartick Chandra Pal
Convener
Department of Chemistry
Karimpur Pannadevi College

Sri Kaustav Bhattacharyya
Teacher-in-charge
Karimpur Pannadevi College

Karimpur Pannadevi College



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P.O.-Karimpur, Dist- Nadia, Pin-741152, W.B.

Email ID: pannadevi_college@rediffmail.com , pannadevicollege@gmail.com
Website : <http://www.karimpurpannadevicollege.ac.in> Ph.- (03471) 255 158, Fax-
(03471) 255 158

Ref No

From The Principal / Teacher in - Charge / Secretary

09/10/2020

Date

Webinar Summary Report: Energy for a Sustainable Future

Introduction:

Chemistry department of Karimpur Pannadevi College, Nadia, W.B., India in association with IQAC, organized an International Webinar on 8th October, 2020 at 3:00 pm (IST) to present selected knowledge to the wider network of teachers and students along with interested public. The main objective of the webinar was to exchange knowledge between the stakeholders focusing on the dissemination of ideas regarding newly explored areas of research and development which deals with the future energy resources. The brochures of the webinar including the objectives were circulated in different social media and college website prior to the commencement of the webinar. The webinar was conducted in Google Meet platform and the participants joined with YouTube link provided to them after registration.

Overview and topics of discussion:

Energy is at the heart of most critical economic, environmental and developmental issues facing the world today. It is one of the basic components for smooth functioning of human activity and played a pivotal role in human civilization. Fossil fuels are the conventional sources of energy which are non-renewable and their known reserves are depleting day by day. Therefore, a fresh and systematic power infrastructure investment will be needed to meet the current and future energy demand. On the verge of such a global energy crisis due to the rapid dissolution of fossil fuels, self-sustainable integrated energy systems can be the most plausible solution. Finding environmentally benign fossil fuel replica with a broad performance spectrum is still a very encouraging field of research. The increasing craze for portable electronics and hybrid vehicles are raising the bar for the model energy storage

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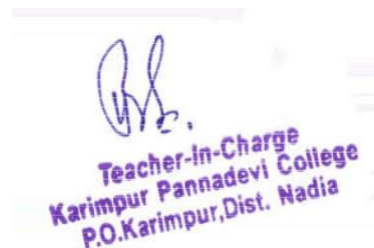
Webinar structure:

The international webinar was planned and organized by the convener, Dr. Kartick Chandra Pal, Assistant Professor, department of Chemistry, Karimpur Pannadevi College, Nadia.

The chief patron of this international webinar was Mr. Kaustav Bhattacharyya, Teacher in Charge of Karimpur Pannadevi College. The IQAC coordinator, Dr. Prasenjit Saha assisted the webinar with technical and other various supports throughout and upto the successful completion of the program. Departmental advisors of Karimpur Pannadevi College were: Dr. Mrinal Kanti Das, Assistant Professor; Abhijit Biswas, SACT; Jayasri Ray Kundu, SACT and Arnab Shil, SACT.

Outcomes:

Assistant and Associate professors, school teachers, college-students, Research scholars and scientific and technical officers from different institutes participated in this webinar. 178 Candidates registered in this webinar. Short interaction between audience and speaker on the topic of discussion in each technical session remained very fruitful where they figured intense and intrinsic view of the discussion. A feedback link was provided to the participants after the completion of the webinar. Various suggestions and complimentary notes from their feedback encouraged us to arrange more such webinars with some betterment in future. Certificates of participation were provided to the active participants on 17th October, 2020.



Teacher-in-Charge
Karimpur Pannadevi College
P.O.Karimpur, Dist. Nadia

Kaustav Bhattacharyya
Teacher-in-Charge
Karimpur Pannadevi Coll

