



DEPARTMENT OF CHEMISTRY

*Various Programme /Activities
Organised during 2020-21*

Presented By

Department of Chemistry
Krishna Chandra College
Hetampur, Birbhum

Summary of

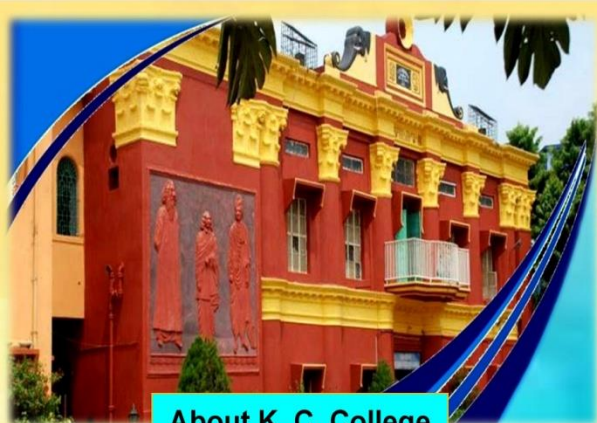
PROGRAMMES

ORGANIZED BY

DEPARTMENT OF CHEMISTRY

Summary of Programs

Name of the program	Date of the program	Duration of Programs	No of Resource Persons	No of Participants
International Webinar on "Recent Trends and Prospects of Chemistry"	05.07.2020	3 Hours	2	210
Online Faculty Development Programme on Learning Management System and Open Educational Resources	04.11.2020–10.11.2020	30.5 hours	5	90
3 days National Web Seminar	22.01.2021 – 24.01.2021	3.5 hours	3	56
NASI One Day National Webinar	29.01.2021	2 hours	7	156
Students of SEM–III & V participated and presented their presentation via Google meet	25.09.2020	3 hours	---	31
Our students of chemistry department have participated various programmes organised hand on training by Math and Physics.	30.01.2021	2 hours	1	26



About K. C. College

This college was founded by **Maharani Padma Sundari Devi**, daughter-in-law of Raja Krishna Chandra to create an atmosphere of learning and pedagogy in the rural district in the year **1897** under the University of Calcutta. This is the first rural college of undivided Bengal.

Department of Chemistry

The Department of Chemistry at K. C. College is rooted in academic rigor and supporting students in the achievement of their academic and professional goals.

With a long-cherished desire to give quality education to the students of the economically backward rural area, the Dept. of Chemistry, K. C. College started its humble beginning in the year **1958** (General Course) and 1962 (Honours Course) to present status actively engaged in promoting a culture of creativity in classrooms and laboratories is a result of coordinated effort of dedicated faculty. The department has contributed immensely in the college being achieved at this stage. Once the College was designated as College of Chemistry. Now the department strives to achieve its prime objective - to produce and train technical and scientific personnel of the highest order of excellence having scientific aptitude.

International Webinar on Recent Trends and Prospects of Chemistry

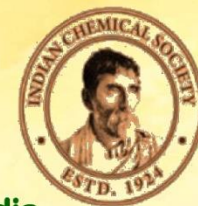
(5th July, 2020)

Organised by:

Department of Chemistry, K. C. College, Birbhum, India

In collaboration with

Indian Chemical Society, Kolkata



Technical Session: I (10.00 AM onwards)

Inaugurated by

Chief Guest

Welcome address by

Distinguished Speaker



Dr. Goutam Chatterjee
Principal,
K. C. College



Dr. Pallav J. Pal
Coordinator-IQAC,
K. C. College



Dr. Lalan Ch. Mandal
Jt. Convener,
IWRTPC Seminar



Dr. Swapan Mandal
Chief Technical Officer,
European Mud Company AS, Norway

Technical Session: II (05.00 PM onwards)

Distinguished Speaker

Vote of Thanks by

Valedictory by



Prof. (Dr.) Chittaranjan Sinha
Head, Dept. of Chemistry,
Jadavpur University & Secretary,
Indian Chemical Society, Kolkata



Dr. Hena Paul
Jt. Convener,
IWRTPC Seminar



Dr. Shyamal K. Jash
HOD, Dept. of Chemistry,
K. C. College

Free Registration Link with in 1st July, 2020:

<https://docs.google.com/forms/d/e/1FAIpQLScpP9myrdkweDm8WUy09LYC5mAUBiQZ8oMhafF4zaiuqUjrkq/viewform>

☐ **Digital Certificate:** All active participants will be issued e-certificates.

☐ **Platform:** Google Meet; Maximum number of participants: 150 (First cum basis)

☐ **Contact Persons:** Dr. Lalan Ch. Mandal (9434164025); Dr. Hena Paul (6296373744); Dr. Shyamal K. Jash (9434633430)

Organising Committee

Patron: Dr. Goutam Chatterjee
Principal, K. C. College

Chairman: Dr. Shyamal K. Jash
HOD, Dept. of
Chemistry, KCC

Jt. Conveners: Dr. Hena Paul &
Dr. Lalan Ch. Mandal
Dept. of Chemistry, KCC

Members: Saikat Kr. Ruj,
Dept. of Chemistry, KCC
Ariful Hoque,
Dept. of Chemistry, KCC

Tanay Kr. Mondal,
Dept. of Chemistry, KCC
Sarat Kr. Pal,
Dept. of Chemistry, KCC

Sukhen Bauri,
Dept. of Chemistry, KCC
Ramayan Ahir,
Dept. of Chemistry, KCC

Advisors: Dr. Goutam Chatterjee,
Principal, KCC; Dr. Pallav Jyoti
Pal, Coordinator-IQAC, KCC;

Dr. Debranjana Ghosh, Associate
Professor, Dept. of Chemistry, KCC
Dr. Swapan Mandal, Chief
Technical Officer, Norway;

Prof. Chittaranjan Sinha, Head,
Dept. of Chemistry., Jadavpur
University & Secretary, ICS.

Programme Details of the Webinar

Date: 05.07.2020 (Sunday)

Platform: Google Meet

	Time	Particulars	Resource Person
Technical Session: I	10:00 AM to 10:05 AM	Welcome address	Dr. Lalan Ch. Mandal Jt. Convener, IWRTPC Seminar
	10:05 AM to 10:10 AM	Inauguration address	Dr. Goutam Chatterjee Principal, K.C. College
	10:10 AM to 10:15 AM	Chief Guest address	Dr. Pallav Jyoti Pal Coordinator-IQAC, K. C. College
	10:15 AM to 11:00 AM	Lecture of Distinguished Speaker on "Challenges and prospects of chemistry in present global Scenario" chair by Dr. Hena Paul	Dr. Swapan Mandal Chief Technical Officer, European Mud Company AS, Norway
Technical Session: II	7:00 PM to 8:00 PM	Lecture of Distinguished Speaker on "Material Design from Coordination Compounds to Coordination Polymers (CPs) towards Metal-organic frameworks (MOFs)" chair by Dr. Shyamal K. Jash	Prof. (Dr.) Chittaranjan Sinha Head, Dept. of Chemistry, Jadavpur University & Secretary, Indian Chemical Society, Kolkata
	8:00 PM to 8:10 PM	Vote of Thanks	Dr. Hena Paul Jt. Convener, IWRTPC Seminar
	8:10 PM to 8:15 PM	Valedictory	Dr. Shyamal K. Jash HOD, Dept. of Chemistry, K. C. College

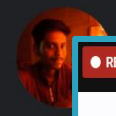
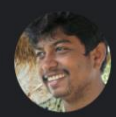
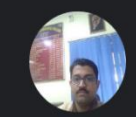
Google Meet Link: <https://meet.google.com/uka-hkqc-nwh>

Whatapps (IWRTPC, KCC) link: <https://chat.whatsapp.com/IKNXxiwcRKA8IIN9zdDUCx>

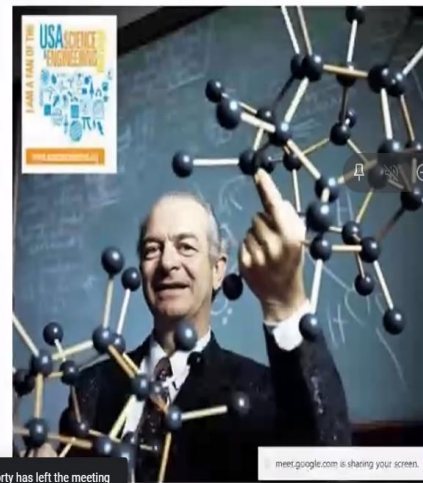
Feedback form (for participants) link:

<https://docs.google.com/forms/d/1uE8oXr0c7cB7vxduoNHMI-NIDckTzq87snkU6xZF9Qc/edit>

- DEPARTMENT OF CHEMISTRY ...
- Abhiyatrik Dey
- Amir Sohail
- Amit Saha Roy
- ANANYA GHOSH
- Anu kalia
- Apurba Pal
- Arif Haque
- ARPITA BISWAS
- Ashoke Hazra



Chemistry – Rasayan - Happiness



"I feel sorry for people who don't understand anything about Chemistry."

They are missing an important source of happiness!"

Linus Pauling

Arabinda Chakraborty has left the meeting

meet.google.com is sharing your screen. Stop sharing Hide

ROYAL MANDAL

Hena Paul

Dr. Lalai Chandra ...

Sudipto Bhattachar...

Anup Ray

Tanay Kumar

Dr. Bholu Nath Sark...

Dipak Rana

Amir Sohail

Subir Mondal

SnigdhaDEV Singha

Rimpadas Ahir

Padma Garai

Dr. Suparna Rana

Rupayan Mondal

Priya Das

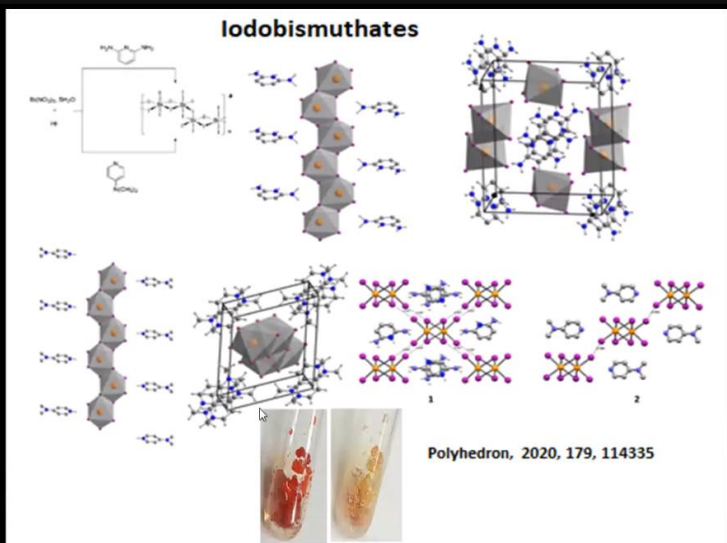
Goutam Chatterjee	ROYAL MANDAL	Pallav Pal	Dr. Lalan Chandra Mandal	SK RIVAJUDDIN	Rimpadas Ahir
Sudipto Bhattacharjee	Anup Ray	Dr. Bhole Nath Sarkar	Palash Mandal	DEBRANJAN GHOSH	Sanjoy Dhara

Monika Kumari

International Webinar on RTPC

Hena Paul	sadhan pramanik	Tania saha	Sanchari Mandal
Gopinath gamer	Dr. Lalan Chandra Mandal	DEBRANJAN GHOSH	Spide Web
SHIFALI DHIMAN	Mustafiuur Rahaman	PULAKESH GHOSH	Irin mandal
Monika Kumari has left the meeting	Dr. Suparna Rana	Jyotipriyo Bhattacharyya	SACHIN KUMAR DAS

- Habibar Chowdhury
- Hena Paul
- Irin mandal
- Jyotipriyo Bhattacharyya
- Kalyan Kumar Rana
- Kirtika Khandelwal
- Krishanu Sarkar
- KRISHNA ANKURE
- Madhumita Hazra
- MASUMA KHATUN
- Maya Biswas Sinha
- MOBINA KHATUN
- Moni Baskey



Dr. Lalan Chan... Department of... Dr. Bhola Nath...

Hena Paul Suman Maity bhabotaran gh...

Arbab Ojha Sk Rekabul KRISHNA ANK...

Subhojit Sow Arpan Garain SACHIN KUM...

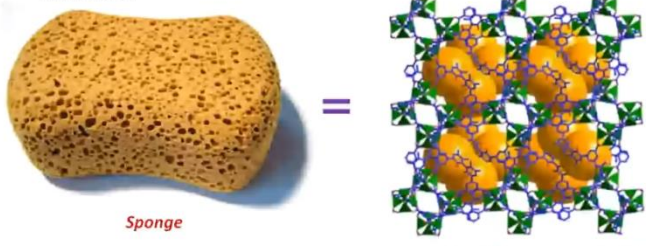
ABHISAKE KA... DHRUBAJYOT... Mustafiur Rah...

Dikshu Singh

- Spide Web
- SUBHAJIT MANDAL
- Subhojit Sow
- Subir Das
- Subir Mondal
- subrata sardar
- Sudip Bhattacharjee
- Sudipta Saha
- SUKANYA SARKAR
- Suman Maity
- Suman Sengupta
- Sumitava Khan
- Tanay Kumar
- Tania saha
- Unknown

Metal-organic frameworks (MOFs)

- The size of the interstitial spaces in structures depends largely on the size of the atoms that make up the basic structure
- Larger subunits allow for the inclusion of larger molecules i.e., solvent molecules. Directing high surface area, flexibility of pores allows guest in its porous channel selectively.
- Many structures release these solvent molecules but tend to collapse without them



Sulekha Ghosh has left the meeting

Department of...

b

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A

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D

Faculty improvement programs initiated for the faculty.

One Week Online Faculty Development Programme



on Learning Management Systems and Open Educational Resources

(04-11-2020 to 10-11-2020)

Organized Under the Strengthening Component of DBT-STAR College Scheme by the
Dept of Biotechnology (DBT), Ministry of Science and Technology, Govt of India

Chief Patron

Prof. Nimai Chandra Saha
Hon'ble Vice Chancellor,
The University of Burdwan,
Burdwan, WB

Patron

Mr. Naresh Chandra Bauri
President, Governing Body
Krishna Chandra College

Vice-Patron

Dr. Goutam Chatterjee
Principal
Krishna Chandra College



Director

Dr. Pallav Jyoti Pal
Coordinator, IQAC,
Krishna Chandra College

Assistant Director

Dr. Shyamal K. Jash
HOD, Dept. of Chemistry,
Krishna Chandra College

Organised by:

Internal Quality Assurance Cell (IQAC) & Science Departments
Krishna Chandra College, Hetampur, Birbhum,
West Bengal, India-731124

Resource Persons



Dr. P. Muthupandi

Assistant Professor,
Department of Education, DDE
Madurai Kamaraj University,
Palkalai Nagar, Madurai,
Tamil Nadu - 625 021



Dr. K. Thiyagu

Assistant Professor,
Department of Education,
School of Education, Central
University of Kerala, Tejaswini
Hills, Periyar, Kerala-671 316



Dr. Ratan Kaurinta

Associate Professor,
Department of Commerce,
Nagaland University,
(A Central University)
Kohima Campus - 797 004,
Nagaland, India



Dr. Bondu Raju

Assistant Professor,
Maulana Azad National Urdu
University(Central University),
College of Teacher Education,
Bidar, Karnataka-585403



Dr. M. Rajendra Nath Babu

Assistant Professor,
Department of Teacher Education,
Nagaland University(A Central University),
Kohima Campus,
Meriema, Nagaland, INDIA-797004

Programme Schedule

Date	Time	Title of the session	Resource Person
04.11.20	10.20-10.50	Inaugural Session	
	11.00 -12.30	Open Educational Resources (OER)& Open Licensing	Dr. Ratan Kaurinta
	2.00 - 3.30	Video Recording & Editing Tools	Dr. P. Muthupandi
	4.00 -5.30	Hands-on Training	Asynchronous Mode
05.11.20	10.30 -12.00	LMS - Class Dojo	Dr. K. Thiyagu
	2:00- 3:30	LMS - Edmodo	Dr. K. Thiyagu
	4:00-5:30	Hands-on Training	Asynchronous Mode
06.11.20	10.30 -12.00	Google Suite and its applications-Part-I	Dr. K. Thiyagu
	2:00- 3:30	Google Suite and its applications-Part-II	Dr. K. Thiyagu
	4:00-5:30	Hands on Training	Asynchronous Mode
07.11.20	10.30 -12.00	Applications of Latex in Content Development-Part-I	Dr. Bondu Raju
	2:00- 3:30	Applications of Latex in Content Development-Part-II	Dr. Bondu Raju
	4:00-5:30	Hands on Training	Asynchronous Mode
08.11.20	10.30 -12.00	Hands on Training	Asynchronous Mode
	2:00- 3:30	Hands on Training	Asynchronous Mode
	4:00-5:30	Hands on Training	Asynchronous Mode
09.11.20	10.30 -12.00	LMS-Google Classroom-Part-I	Dr. M. Rajendra Nath Babu
	2:00- 3:30	LMS-Google Classroom-Part-II	Dr. M. Rajendra Nath Babu
	4:00-5:30	Hands-on Training	Asynchronous Mode
10.11.20	10.30 -12.00	Online Assessment Tools-Part-I	Dr. M. Rajendra Nath Babu
	2:00- 3:30	Online Assessment Tools-Part-II	Dr. M. Rajendra Nath Babu
	4:00-5:30	Presentations, Assessment & Feedback	

REC

Online FDP at K C College_Day-1

05:30
17

Add people

K C COLLEGE, HETAMPUR, BIRBHUM ...

- Ajt Singh
- armit patra
- Anirban Dutta
- Anjali Ashok
- Arif Haque
- Arindam Chakrabarti
- Arindam Ghosh
- Aneab Ganguli
- Arpita Pramanik
- Asis Chakrabarti
- Bulu Krishnagar
- Deesha Chhabbar

Turn on captions Present now

REC Dr Ratan Kaurinta is presenting

Online FDP at K C College_Day-1

05:30
17

Add people

K C COLLEGE, HETAMPUR, BIRBHUM ...

Open Educational Resources (OER) & Open Licensing

Dr Ratan Kaurinta, Associate Professor
Department of Commerce, Nagaland University, Kohima

- You
- Arindam Ghosh
- Asis Chakrabarti
- Sudhendra Roy
- Arjit Biju
- Pallav Pal
- KRISHINA CHAN...
- Dr. Lalan Chandr...
- Prof. Nimal Cha...
- Tibul Hoque
- Dr. Shyamal K. J...
- Sk Md Ismail AJ ...
- Surapati Praman...
- KB FDP
- bhavana babu

Turn on captions Dr Ratan Kaurinta is presenting

REC Dr Thiyagu K is presenting

Online FDP at K C College_Day-2_S...

Arindam

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timer stopwatch clock calendar

Type here to search

14:58 05-11-2020

Online FDP at K C College_Day-2_SESSION 1 & 2

Turn on captions

Dr Thiyagu K is presenting

(53)

- Dr Thiyagu K
- Dr Thiyagu K
- Dr Umesh Kasar
- Dr Lalan Chandro Mandal
- Dr Radha F. Chaturvedi
- Dr Ghyamal K. Jash
- Dr VALARMATHI G
- Danasha Acharya
- gudisi aruna
- Hena Paul
- Irin mandal
- K C COLLEGE, HETAMPUR, BIRBHUM
- Kamalka Danguli nee Chakraborty
- KUMKUM BANDYOPADHYAY
- Iatha smnivasan

Swasti Sharma

REC muratholi rajendra nath babu is presenting

10:54 AM

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muratholi rajendra nath babu

Dr. Samir Kumar Mandal

Pallav Pal

Susanta Maitly

Rebecca Ghanta

Arindam Ghosh



National Web Seminar

on

“Exploration of Insight in Innovative Research of Chemical Sciences in Modern Epoch”

(22-01-2021 to 24-01-2021)

Organized Under the Strengthening Component of DBT-STAR College Scheme by the Dept of Biotechnology (DBT), Ministry of Science and Technology, Govt of India

Chief Patron

Mr. Naresh Chandra Bauri
President, Governing Body
Krishna Chandra College

Patron

Dr. Goutam Chatterjee
Principal
Krishna Chandra College

Vice-Patron

Dr. Shyamal K. Jash
HOD, Dept. of Chemistry & Overall Coordinator,
DBT Star College Scheme
Krishna Chandra College



Organised by:

Department of Chemistry
(Under DBT-STAR College Scheme)
Krishna Chandra College, Hetampur, Birbhum,
West Bengal, India-731124

Convener

Dr. Lalan Ch. Mandal
Departmental Coordinator,
DBT Star College Scheme
Krishna Chandra College

Secretary

Dr. Hena Paul
Asst. Prof., Dept. of Chemistry
Krishna Chandra College

Advisors

Dr. Pallav Jyoti Pal
Coordinator, IQAC
Dr. Debranjana Ghosh
Asso. Prof., Dept. of Chemistry
Krishna Chandra College

Members

Saikat Kr. Ruj, Ariful Hoque & Tanay Kr. Mondal, SACT, Department of Chemistry, Krishna Chandra College, Hetampur and Sarat Kr. Pal, Sukhen Bauri & Ramayan Ahir, Non-Teaching Staff, Dept. of Chemistry, K. C. College, Hetampur, Birbhum

Programme Schedule

Welcome Address:
22.01.2021 , 9.30 AM

Dr. Lalan Ch. Mandal
Convener-NWS
Asst. Prof., Dept. of Chemistry
Krishna Chandra College

Inauguration Address:
22.01.2021 , 9.40 AM

Dr. Goutam Chatterjee
Principal
Krishna Chandra College

DBT-Coordinator Address:
22.01.2021 , 9.50 AM

Dr. Shyamal K. Jash
Overall Coordinator,
DBT Star College Scheme
Krishna Chandra College

Technical Session: I (22.01.2021; 10.00 AM)

Technical Session: II (23.01.2021; 11.00 AM)



Distinguished Speaker

Dr. Balaji Prasad Mandal
Scientific Officer-F
Bhaba Atomic Research
Centre (BARC),
Mumbai, Maharashtra, India



Distinguished Speaker

Dr. Arpita Chandra
Senior Scientific Officer,
Chittaranjan National Cancer
Institute, Kolkata,
West bengal, India

Technical Session: III (24.01.2021; 10.00 AM)



Distinguished Speaker

Dr. Bubun Banerjee
Assistant Professor
Indus International University
Una, Himachal Pradesh,
India

Vote of Thanks:
24.01.2021 , 11.00 AM

Dr. Hena Paul
Secretary-NWS
Asst. Prof., Dept. of Chemistry
Krishna Chandra College

Necessary Information

- Registration is free & open to all up to 20th January, 2021.
- After registration please join the TELEGRAM GROUP for all relevant information related to Web Seminar.
- Web Seminar link will be provided only to the successfully registered persons in due course through Telegram group & Email..
- E-Certificate will be issued to all the participants within 15 days of successful submission of Feedback Form.
- Feedback Form will be provided after the last session completion through Telegram group / Chat box Google Meet and YouTube.
- If required then contact to the person: Dr. Lalan Ch. Mandal (9547521853), Convener of the Web Seminar and Departmental Coordinator, DBT Star College Scheme/Email us: hod.chem@kccollege.ac.in

CALL FOR REGISTRATION

Registration-link:

<https://forms.gle/Qi8vDPBkR3XbnVmm8>
(link shall remain open till 20th January, 2021, 11:59 PM)

Telegram-Group-Link:

<https://t.me/joinchat/FlvwlR44VJPh-9RA>

Platform



Google Meet and You Tube



(Link will be provided through Telegram Group and E-mail)

REC

Udbhas Nag and 5 more

54



9:47 AM

You

Chat with everyone

A grid of 40 circular icons representing participants in a meeting. The icons are arranged in four rows and ten columns. Some icons are profile pictures, while others are colored circles containing a letter or a small image. The letters visible include S, T, A, R, P, A, a, S, k, B, S, S, R, A, D, S, j, A, B, R, D, S.

Meeting details ^



Raise hand

Turn on captions

Present now



Lithium Ion Battery: Its Present and Future



Dr B P Mandal
Chemistry Division, BARC

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REC

T Tanay Kumar and 51 more

54



11:14 AM

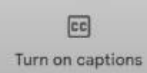
You

Arpita Chandra

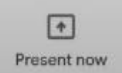
Meeting details ^



Raise hand



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Present now



REC



Bubun Banerjee is presenting



Aniruddha Bandopad...
and 40 more

43



11:19 AM

You



Bubun Banerjee

Meeting details ^



Raise hand



Turn on captions



Bubun Banerjee
is presenting



Certificate Given to Participants



Certificate No:

National Web Seminar

on

“Exploration of Insight in Innovative Research of Chemical Sciences in Modern Epoch”

Organised by:

Department of Chemistry (Under DBT Star College Scheme)
Krishna Chandra College, Hetampur, Birbhum, West Bengal

Certificate of Participation

This certificate is presented to

.....
.....

of.....for attending the **National Web Seminar** on “**Exploration of Insight in Innovative Research of Chemical Sciences in Modern Epoch**” organized by **Department of Chemistry (Under DBT Star College Scheme)** of Krishna Chandra College, Hetampur, Birbhum under the Strengthening Component of DBT-STAR College Scheme, Dept of Biotechnology, Ministry of Science and Technology, Govt of India on **January 22-24, 2021.**

Date of issue: 24th January, 2021

Dr Lalan Chandra Mandal
Convener, NWS &
Departmental Coordinator,
DBT-Star, K C College

Dr Shyamal K Jashi
Overall Coordinator,
DBT-Star, K C College

Dr Goutam Chatterjee
Principal
K C College

National Academy of Sciences, India

(NASI) Local Chapter, Kolkata

Date:
29.01.2021
Time: 6PM



Organizes a National WEBINAR On

Impact of COVID-19 on Education System and Students

In association with DBT Star College Scheme, Department of Chemistry,
K.C. College, Hetampur, Bribhum

6-00-6.05 PM: Introduction of the event by Mr Sandip Sen, DAC Member H.S. Council



6-05-6.10 PM: Inaugural Address by Dr. Chitra Mandal, FTWAS, FNA, FASc, FNASc, SERB-Distinguished Scientist, CSIR-IICB, Secretary, NASI Kolkata Chapter.



6.10-6.15 PM: Address by Dr. Hemanta K. Majumder, FTWAS, FNA, FASc, FNASc, Senior Scientist Platinum Jubilee Fellow, CSIR-IICB, President, NASI Kolkata Chapter.



6.15-6.55 PM: Lecture on *Impact of COVID-19 on our Education System* by Prof. Dhruvajyoti Chattopadhyay, FASc, FNASc, FAScT, Vice Chancellor, Sister Nivedita University



6.55-7.35 PM: Lecture on *Psychological aspects on students in this pandemic situation* by Dr Aniruddha Deb, MBBS, CIP, MD, Practicing Psychiatrist Kolkata



7.35-7.45 PM: Concluding Remarks by Dr. Amit Ghosh FNA, FASc, FNASc, Ex-Director, CSIR-IMTECH, Chandigarh, J.C. Bose Distinguished Chair Professor of NASI, ICMR-NICED, Kolkata.



7.45: Vote of thanks by Prof. Sanjit Dey, Ph.D, MNASc, Department of Physiology, University of Calcutta, Coordinator.



[For Registration click here](#)



[Click here to get the direct you tube link](#)

Search



Hemanta Majumder



Dr. Chitra Mandal



amit ghosh

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Sandip Kumar Sen



Dhruvajyoti Chattopadhyay



Dr. Aniruddha Deb



Educative Moments



Dhrubajoti Chattopadhyay



Thank You