



## আম্বেদকর কলেজ AMBEDKAR COLLEGE

A Govt. Degree College under DHE, Govt. of Tripura  
Affiliated to Tripura University (A Central University)

UGC 2f & 12B recognized and Accredited by NAAC with 'B+' Grade  
Fatikroy, Unakoti, Tripura – 799 290

### Report of webinar on “New Education Policy-2020- new horizon for Indian Education” Date of webinar: 19/09/2020

Ambedkar College, Fatikroy, Unakoti had organized a national webinar on “National Education policy- 2020” on the theme entitled “New Education Policy-2020- new horizon for Indian Education” on 19<sup>th</sup> September 2020. A total of 165 participants registered for this webinar all over India. In keeping the tradition of our culture and heritage, the Webinar began at 12 noon, with the virtual lighting of the lamp and invoking of the blessing of Debi Saraswati.

Dr. Chandan Debnath, Organizing Secretary of this webinar gave the welcome address.

Dr. Anup Kumar Dey, Head, Associate Professor in English, Assam University, Diphu Campus acts as a resource person. He explained the fundamental principles of the NEP 2020 and also explained how this policy insists on recognizing, identifying, and fostering the unique capabilities of each student and promoting their creativity, critical thinking, ethics, and power of language, teamwork, and constitutional values.

**One Day National Webinar**  
on  
**National Education Policy-2020: New Horizon For Indian Education**  
Date: 19<sup>th</sup> September, 2020  
Time: 12 Noon onwards

**About Ambedkar College**  
Ambedkar College, a General Degree College under the Department of Education (Higher), Government of Tripura, is situated at Lalidaha in Fatikroy under Kumarghat subdivision of the Unakoti district of Tripura. The college was established on 26<sup>th</sup> September 1991 and offers quality education in Science and Arts. It is NAAC accredited, permanently affiliated to the Tripura University (A Central University) and is recognized by University Grant Commission (UGC) under section 2 (f) and 12 (b).

**Our Distinguished Resource persons**

 Dr. Anup Kumar Dey Head, Associate Professor in English Assam University, Diphu Campus	 Dr. Saugata Kr. Nath Asstt. Professor in English Assam University, Silchar	 Dr. Subrata Sharma Principal I/C, Ambedkar College Fatikroy, Unakoti, Tripura
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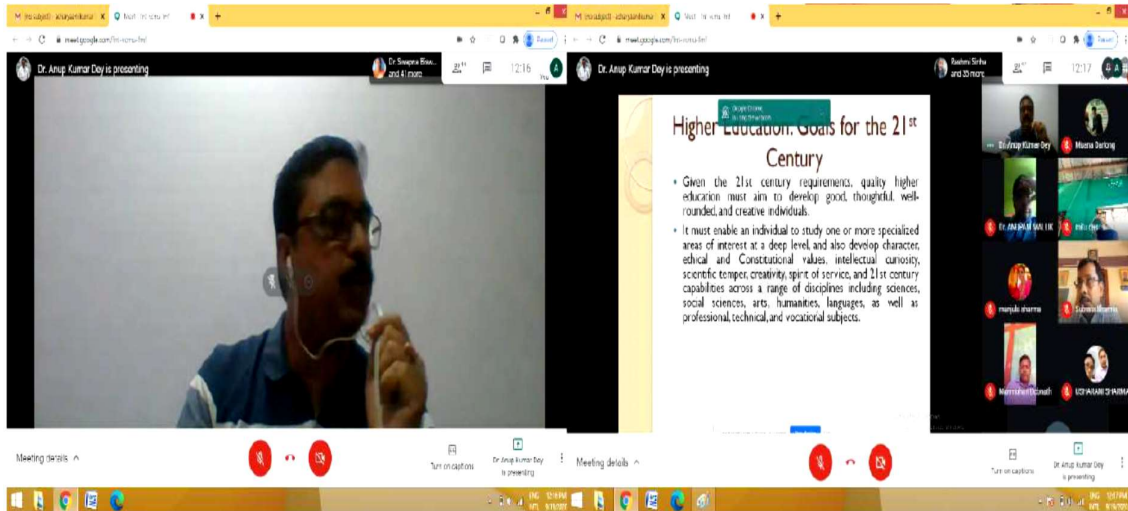
No registration fees  
Registration link for the webinar: <https://forms.gle/xbb3C7vB7iU47Mi8>  
Contact us: 8787776308/ 9436583691 Email us: [cdnphysics75@gmail.com](mailto:cdnphysics75@gmail.com), [principalacfr@gmail.com](mailto:principalacfr@gmail.com)

**Organizing Secretary**  
Dr. Chandan Debnath

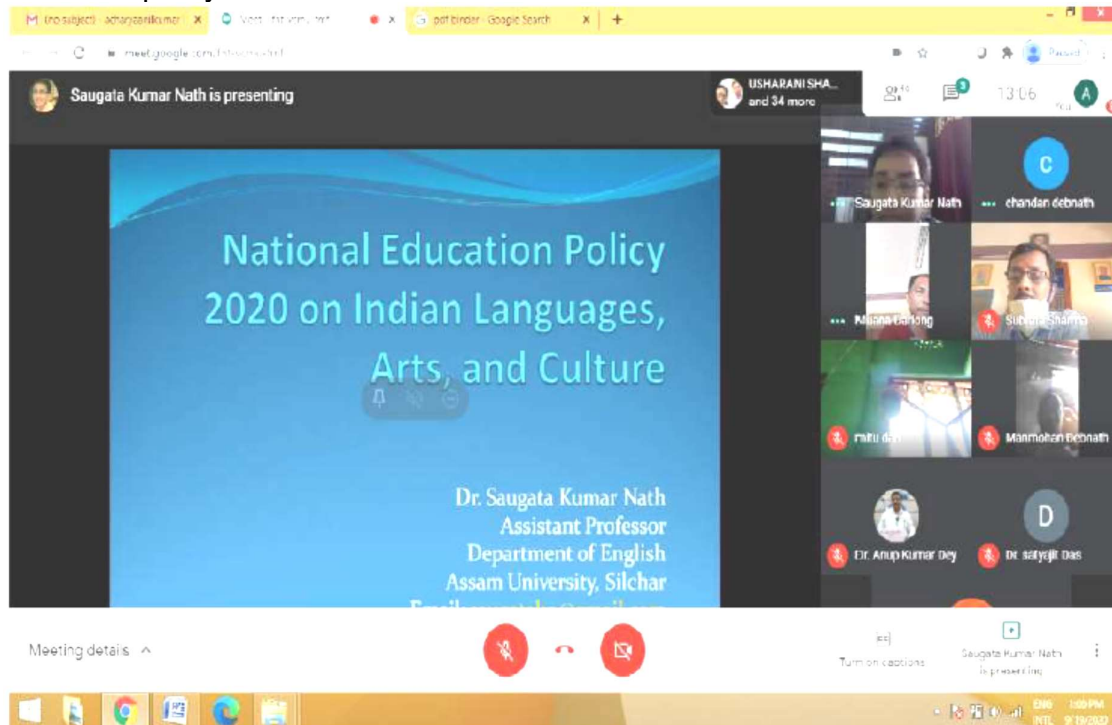
Google meet link of the webinar <https://meet.google.com/tnt-vcnu-fmf>  
E-certificate will be provided to all registered participants subjected to submission of feedback form.

**Members of Organizing Committee**  
Dr. Manish Nayak, Dr. Anil Kumar Athaya, Sri Abhijit Datta  
Smt. Jacinta Zircangzeli Darlong, Sri Lakshmiyana Darlong,  
Smt. Mhu Das, Dr. Satyajit Das, Sri Manmohan Debnath

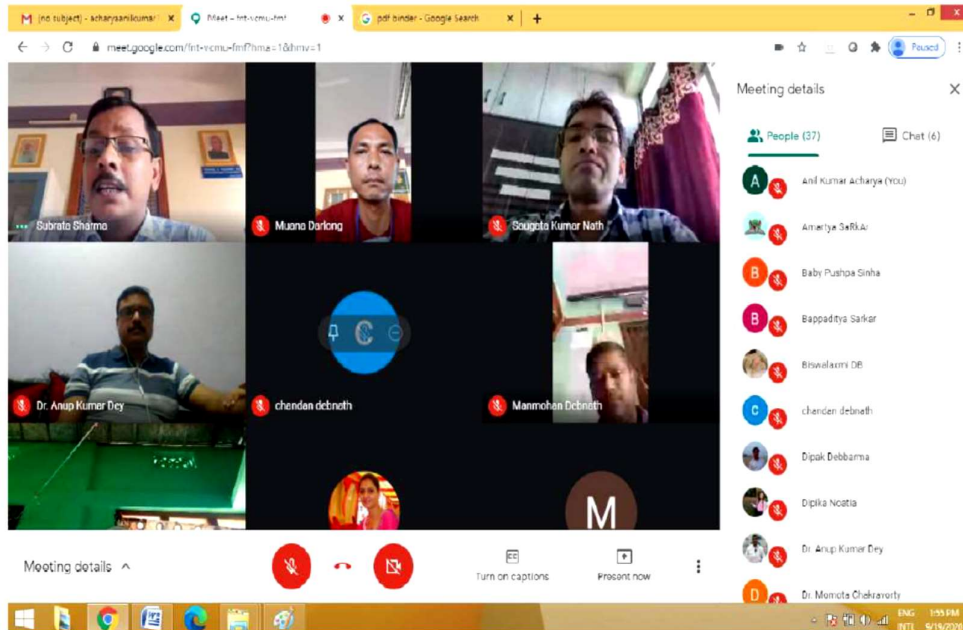
**Organized By**  
IQAC, Ambedkar College,  
Fatikroy, Unakoti, Tripura



Dr. Saugata Kr. Nath, Asstt. Professor in English, Assam University, Silchar acts as another resource person. According to him, this policy introduces a plethora of reforms at all stages starting from early childhood education to doctoral studies. He said that this policy focused on experiential learning that should be holistic, learner-centered, inquiry-driven, discovery-oriented, and enjoyable. Participants and Students were take part to the interaction and open discussion about the new education policy.



The Webinar was finished with the Presidential speech by Dr. Subrata Sharma, the Principal-in-charge of the College at 02:30 pm.



## REPORT ON ONE DAY INTERNATIONAL WEBIAR

### “COVID-19 OUTBREAK AND HEALTH: RECENT TRENDS”

Date: 20<sup>th</sup> JUNE 2021

Department of Zoology and IQAC of Ambedkar College organized a one day International webinar on “Covid-19 outbreak and health: recent trends” on 20<sup>th</sup> June 2021 in online platform (Google meet) and total number of registered participants is 188. The seminar focused on prevention and management of COVID-19 pandemic. The programme started sharp at 11:00 am with the inauguration of virtual holy lamp and inaugural speech by Shri. Nripendra Chandra Sharma, Hon’ble Director of Higher Education, Government of Tripura.

With the welcome address by Mr. sandipan das, Department of Zoology, Ambedkar College, the journey of webinar initiated. The dignitaries on the dias were Dr. Shubhadeep Roychoudhury, Assam University, Silchar, Dr. Shatabhisa Roychoudhury, R.G Kar Medical College, West Bengal, Dr. Kavindra Kumar Kasari,

### INTERNATIONAL WEBINAR ON

#### “Covid-19 outbreak and health: Recent trends”

**Chief Patron**

**Shri N. C. Sharma TCS, SSG**  
Director, Higher Education  
Govt. of Tripura

**RESOURCE PERSONS**

**Dr. Shubhadeep Roychoudhury**  
Assam University, Silchar  
Research Fellowship in Urology, Cleveland Clinic, Ohio, USA (2015-16)

**Dr. Shatabhisa Roychoudhury**  
R.G. Kar Medical College & Hospital, Kolkata

**Dr. Kavindra Kumar Kasari**  
Senior Scientist  
Aalto University Espoo, Finland

**Dr. Abhijit Datta**  
Crano Maxillofacial Surgery  
Dr. B R Ambedkar University, Delhi NCR

The pivotal objective of this webinar is to take measures against the ominous virus (COVID-19) by motivating the masses and pointing them with apt hygiene related information through the advice and voices of the experts which can ease their mental agony related to this COVID-19 insurgence as well as shape their life in a manner where they can find ways to retain utmost health.

**Organizing Committee :**

**President:** Dr. Subrata Sharma  
Principal In-Charge,  
Ambedkar College,  
Fatikroy

**Organizing Secretary:**  
Rajat Debnath, Department of Zoology

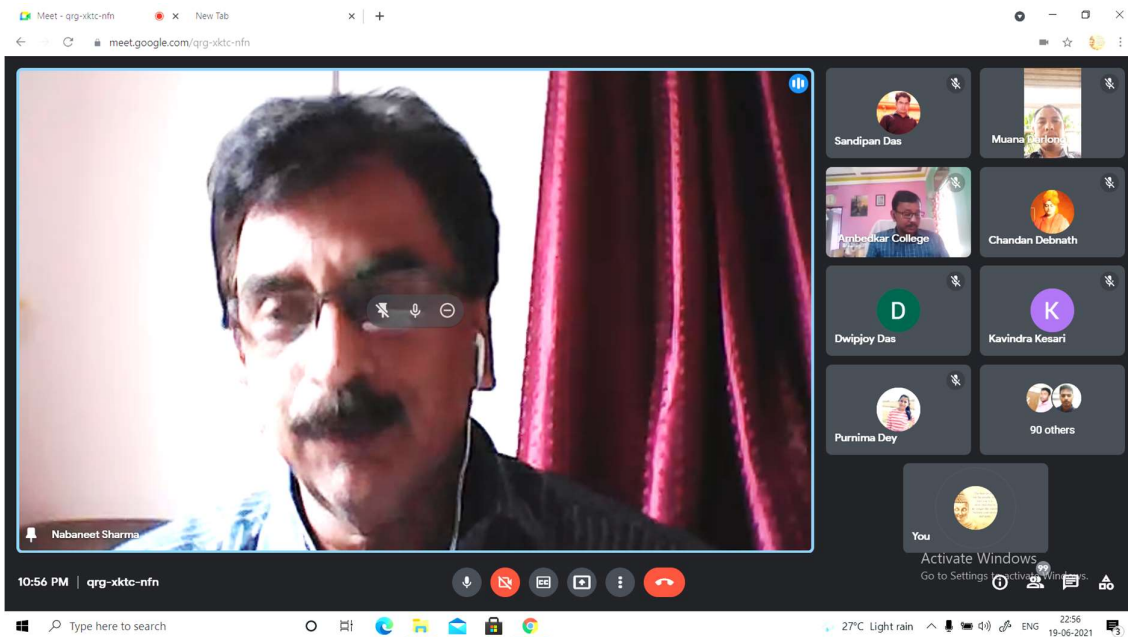
**Conveners**  
Dr. Chandan Debnath,  
Dept. of Physics, Convener, IQAC  
Sri Sandipan Das, Department of Zoology

**Date: 20<sup>th</sup> June 2021**  
**Time: 11 a.m. onward**

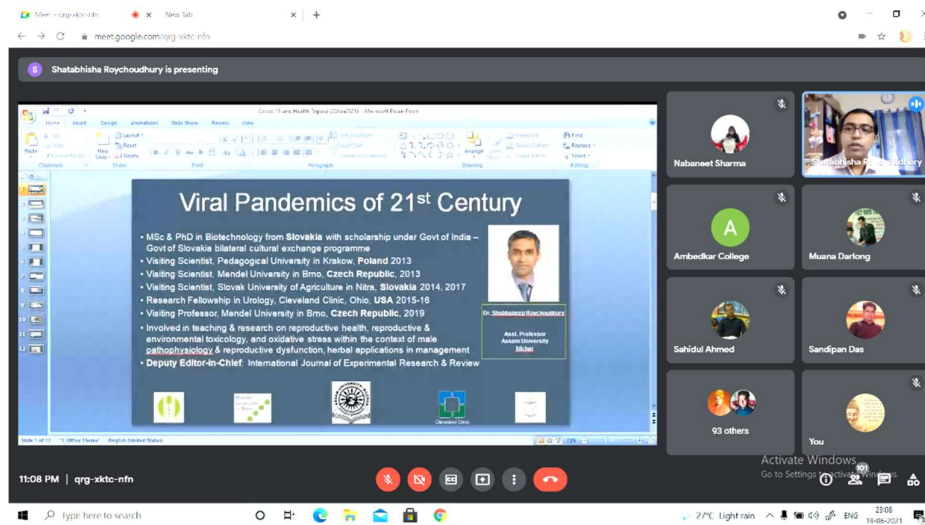
**Register Here:**  
<https://forms.gle/7soTmxxZWemPDif68>  
**Google meet Link to join**  
<https://meet.google.com/qrg-xktc-nfn>

**Members**  
Dr. Manish Nandi, Dept. of Mathematics  
Sri Abhijit Datta, Department of Botany  
Anwesha Deb, Dept. of H. Physiology  
H. Reshmi Singha, Department of Botany

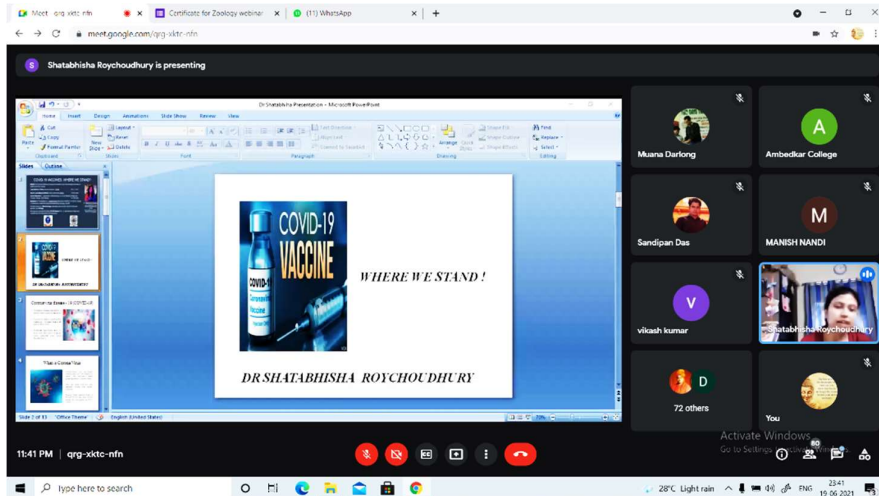
Senior Scientist, Alato University, Finland and Dr. Abhijit Datta, Dr. B.R Ambedkar University, Delhi NCR



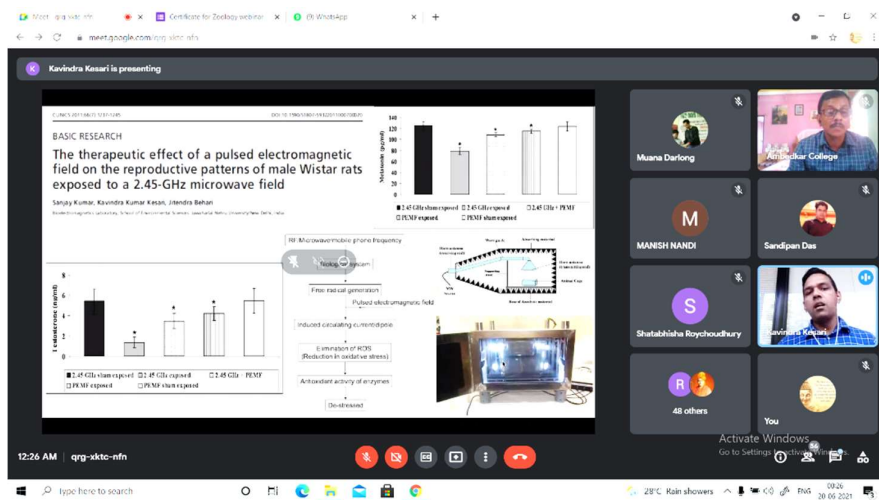
**1<sup>st</sup> Speaker-**Dr. Shubhadeep Roychoudhury, talked about the viral pandemic of the twenty first century, and major challenges of Covid-19 outbreak, within his talk he also pointed out the most pandemic sensitive areas of the globe.



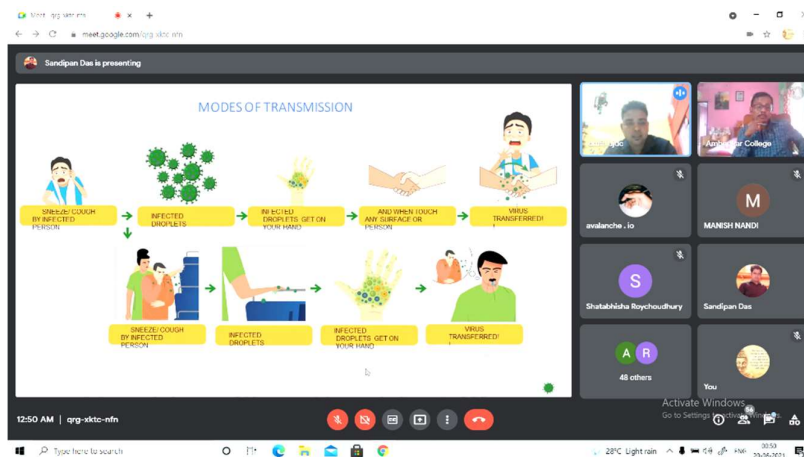
**2<sup>nd</sup> Speaker-** Dr. Shatabhisa Roychoudhury, give special emphasis on vaccination and its benefits. She also encouraged participants to take vaccine jab as soon as possible and discussed about myths regarding the vaccination in India. She also answered the questions asked by the participants after the completion of her talk.



**3<sup>rd</sup> Speaker-** Dr. Kavindra Kumar Kasari, gave lecture on Environmental mutagenic factors and its impact of human health. He talked about radiation of mobiles, and suggested to minimize the use of mobile phone.



**4<sup>th</sup> Speaker-** Dr. Abhijit Datta, talked about the symptoms, diagnosis and prevention of Covid-19. He talked about the post Covid symptoms and treatment and also added black fungus outbreak. Like other speaker he also addresses plenty of questions that were asked by the participants.



The programme wrapped up around 2:30 PM with the vote of thanks which was given by Dr. Subrata sharma, Principal, Ambedkar College, Fatikroy.

**DEPARTMENT OF CHEMISTRY**  
**AMBEDKAR COLLEGE, FATIKROY, UNAKOTI, TRIPURA**  
**A BRIEF REPORT ON NATIONAL SEMINAR HELD ON 25<sup>TH</sup> JUNE, 2021**

**TITLE:- “FACETS OF SYNTHETIC AND MEDICINAL CHEMISTRY AND THEIR ACTIVE APPLICATIONS IN THE SOCIETY”**

**Date : 25/06/2021**

**Total Registered Participants:- 235 Nos.**

**Brief Report:-** On 25<sup>th</sup> June, 2021, The Physical Science Departments in collaboration with the IQAC, Ambedkar College, Fatikroy had organised a National Seminar on “Facets of Synthetic and Medicinal Chemistry and their Active Applications in the Society” at 11 AM. The Topic was selected on demand of present pandemic scenario so that application of Chemical Drugs and component materials of Vaccines discovered so far for treatment against deadly Covid-19.

In keeping the tradition of our culture and heritage, the webinar

**AMBEDKAR COLLEGE**  
**ESTD. 1991**

**NATIONAL WEBINAR ON**  
**"Facets of Synthetic and Medicinal Chemistry and their Active Applications in Society"**

**Chief Patron**  
**Shri N. C. Sharma TCS, SSG**  
**Director, Higher Education**  
**Govt. of Tripura**

**Resource Persons**

<b>Dr. Indrajit Saha</b> Assistant Professor Department of Chemistry Ramkrishna Mission Residential College Narendrapur, W. B.	<b>Dr. Pradip Debnath</b> Assistant Professor, Department of Chemistry M. B. College, Agartala Member Secretary TBIEE (Academic)	<b>Dr. Suman Adhikary,</b> Assistant Professor, Department of Chemistry Govt. Degree College Dharmnagar North Tripura	<b>Dr. Rama Kant</b> Associate Professor Department of Botany Chaudhary Charan Singh University, Meerut (U.P.)
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**Organizing Committee**

<b>President:</b> Dr. Subrata Sharma Principal In-Charge, Ambedkar College, Fatikroy, Tripura	<b>Organizing Secretary:</b> Sri Sanjib Chaudhury, Associate Professor, Department of Chemistry <b>Convener:</b> Dr. Manish Nandi Assistant Professor, Department of Mathematics <b>Joint Convener:</b> Dr. Chandan Debnath Assistant Professor, Dept. of Physics & Convener, IQAC
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**❖ Date : 25<sup>th</sup> June 2021**  
**❖ Time : 11 a.m. onwards**  
 ❖ Google form link to join  
<https://meet.google.com/frd-vvwa-web>  
 ❖ Google form link to registration  
<https://forms.gle/NUYotogRSHREkgy7>  
 (Free Registration)  
 ❖ Certificate will be provided to the registered participants only those who will attend all lectures and submit the feedback form at the end

started at 11.10 AM, with the formation of Virtual Dias followed by the lighting of the virtual of the lamp by **Dr. Subrata Sharma, Hon'ble Principal** Sir followed by a time needed multi-lingual song, 'We Shall Over Come' with a hope to boost the participants to face such pandemic situation.



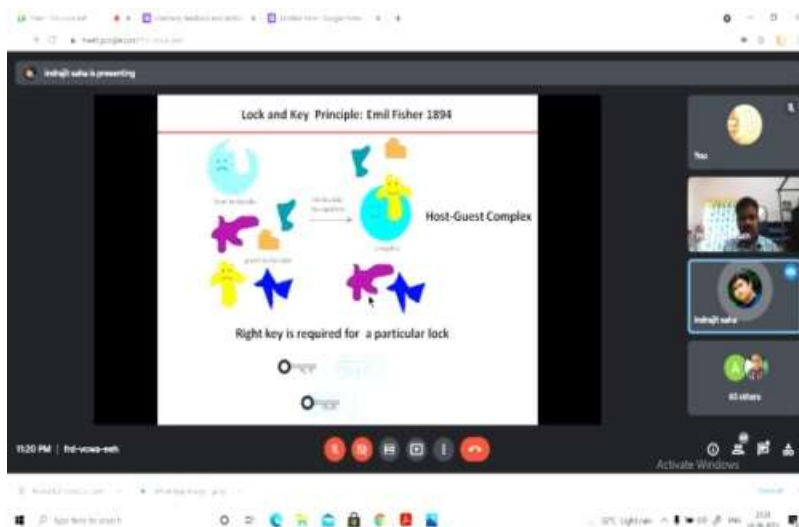
**Sri Sanjib Choudhuri, Organizing Secretary** for this webinar delivered the Welcome Address.

With nice introduction of the eminent resource persons one by one by the host Smt. Jacinta Darlong, Asst. Professor in English, A.C, Fatikroy, the 2<sup>nd</sup> session of discussion on the topic was started.

At the outset, our first Eminent & Distinguished Resource Person, **Dr. Pradip Debnath, Asst. Professor, Department of Chemistry, MBBC & Member Secretary, TBJEE** presented his discussion on **"Synthesis of Amidines: Its Application in the Medicinal Chemistry and drug design"**. On his discussion he mainly focused on:-

Amidines are the important classes of nitrogenous compounds, which have been widely used as antibiotics, diuretics, antiphotogenic drugs, anthelmintics, and acaricides. They represent an important pharmacophore in modern drug discovery, and can be found in DNA and RNA binding diamidine diminazene, ASIC inhibitor, and muscarinic agonists for the treatment of Alzheimer's disease. In fact, many of the top-selling pharmaceuticals of the fast few years feature an amidine as a key structural components. In addition, they also serve as ligands for transition metals due to their unique structure. In synthetic chemistry, amidines have been used as valuable precursors for the preparation of azaheterocycles of biological interest such as- imidazoles, benzimidazoles, quinazolines, triazine, triazoles, oxazole, pyrimidines, pyrimidopyrimidines *etc.*

Recently, we have developed a new copper-catalyzed protocol for the synthesis of amidines via direct nucleophilic addition of amines to nitrile under molecular oxygen atmosphere. The protocol is economic; and use of green oxygen making the protocol more sustainable and environmental friendly. Therefore, the methodology developed by us could be applied in the preparation of biologically important substrates. More importantly, we have applied the amidine substrate for the preparation of paracetamol in a high yield starting from *p*-hydroxybenzotrile. This method for the preparation of paracetamol has great advantages over the previous methodologies as it avoids the use of aniline. Very recently, we also applied amidine substrates for the synthesis of biologically important pyrimidopyrimidines. It is pertinent to mention that pyrimidopyrimidine is an important component of DNA and widely used in the pharmaceutical industry for the preparation of life saving drugs.

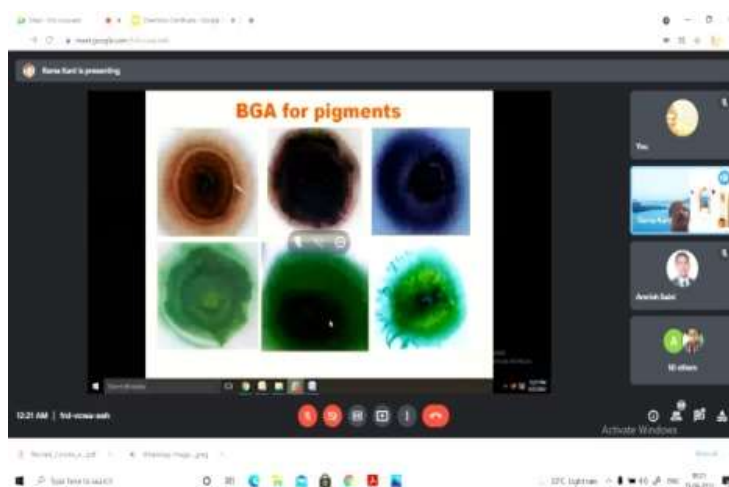


Our second Eminent Resource Person **Dr. Indrajit Saha, Asst. Professor, Dept. of Chemistry, Ramkrishna Mission Residential College, Narendrapur, West Bengal** discussed on, **“Chemosensors for Anions”**. He mainly focused on:-

Detection and Qualification of various biologically important anions. It has wide application in bio imaging, extraction and transport. In drug design also, Chemosensor plays an important role.

Our third Eminent Resource Person **Dr. Ramakant, Associate Professor, Dept. of Botany, Chaudhary Charan Singh University, Meerut, UP** presented his entrepreneurship based topic on **“Algae based Entrepreneurship development”** and mainly highlighted on:-

Algae based Entrepreneurship Development using different algal strains like Spirulina Cultivation, bio-fuel production and biofertilizer production. He expressed how Algae culturing can financially benefit anyone.

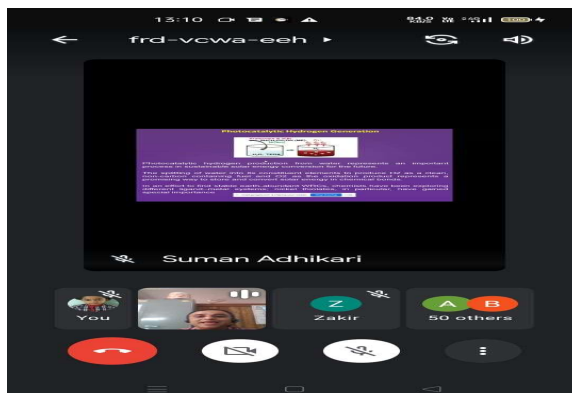


Our Final Distinguished Resource Person, **Dr. Suman Adhikari, Asst. Professor, Dept. of Chemistry, Govt. Degree College, Dharmanagar and Treasurer, ISC, Dharmanagar Chapter** broadly discussed on **“Supramolecular assemblies of Ni(II) complexes Harvested from Functionalized Sulphur and Nitrogen donor ligands”**. He mainly highlighted on:-

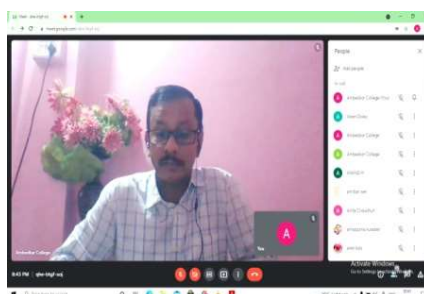
Supramolecular Chemistry, a term introduced by Jean-Marie Lehn is “ Chemistry beyond the molecule”, i.e the chemistry of molecular assembles using non-covalent bonds in 1967.



Pederson observed that crown ether showed molecular recognition-the first artificial molecule found to do so. Cram established host-guest chemistry where the host molecule can accommodate another guest molecule in 1978. Lehn proposed the term “Supramolecular Chemistry” ultimately create revolution n awarded with most prestigious Nobel Prize in 1987 alongwith Pedersen & Lehn.



The webinar ended with nice and excellent sum-up Presidential Address covering and highlighting the topics discussed by our Resource Persons and thanking all the dignitaries and participants.



# Report On International Webinar On “Redefining Language In The Modern Digital Era”

Date: 01/07/2021

The Department of English in collaboration with IQAC, Ambedkar College had organized an International Webinar on 1st July, 2021 from 9am onwards on the topic “Redefining Language in the Modern Digital Era” and a total no. of 416 participants had registered for the Webinar from all over the country. The program was inaugurated by Honorable Prof. Arunoday Saha, Former Vice-Chancellor, Tripura University and Chairman State Council for Higher Education, Govt. Of Tripura and the organizing secretary Ms Jacinta Zirsangzeli Darlong presented welcome address to all the participants. The webinar was addressed by eminent scholars and academicians; Prof. Indranil Acharya of Vidyasagar University, Midnapur West Bengal, Associate Prof. Dr. Miazi Hazam of Rajiv Gandhi University, Arunachal Pradesh, Assistant Prof. Dr. Anita Chaudhuri of University of British Columbia, Canada and Assistant Prof. Dr. Ziuziu Iheilung of Fazl Ali College, Nagaland. The resource persons took up the topic of discussion from various aspects of learning by using their experiences and critical reflections on the issue.

**International Webinar**  
on  
“Redefining Language in the Modern Digital Era”

Jointly Organized by  
Dept. of English & IQAC, Ambedkar College

**CHIEF PATRON**      **RESOURCE PERSONS**

**Prof. Arunoday Saha**  
Former Vice Chancellor,  
Tripura University &  
Chairman State Council  
for Higher Education

**Prof. Indranil Acharjee**  
Professor  
Dept. of English  
Vidyasagar University  
Midnapur,  
India

**Dr. Anita Chaudhuri**  
Assistant Professor of Teaching  
Faculty of Creative and Critical Studies  
Department of English and Cultural  
Studies  
University of British Columbia, Canada

**Organizing Committee :**  
**President:**  
**Dr. Subrata Sharma**  
Principal In-Charge,  
Ambedkar College,  
Fatikroy

**Organizing Secretary:**  
**Smt. Jacinta Z. Darlong**  
Assistant Professor,  
Dept. of English

**Convener:**  
**Dr. Chandan Debnath**  
Assistant Professor,  
Dept. of Physics & Convener, IQAC

**Member:**  
**Mr. Anirban Sen**

**Dr. Miazi Hazam**  
Associate Professor  
Dept. of English  
Rajiv Gandhi University,  
Doimukh  
Arunachal Pradesh  
India

**Dr. Ziuziu Iheilung**  
Assistant Professor  
Department of Functional English  
Fazl Ali College  
Mokokchung  
Nagaland  
India

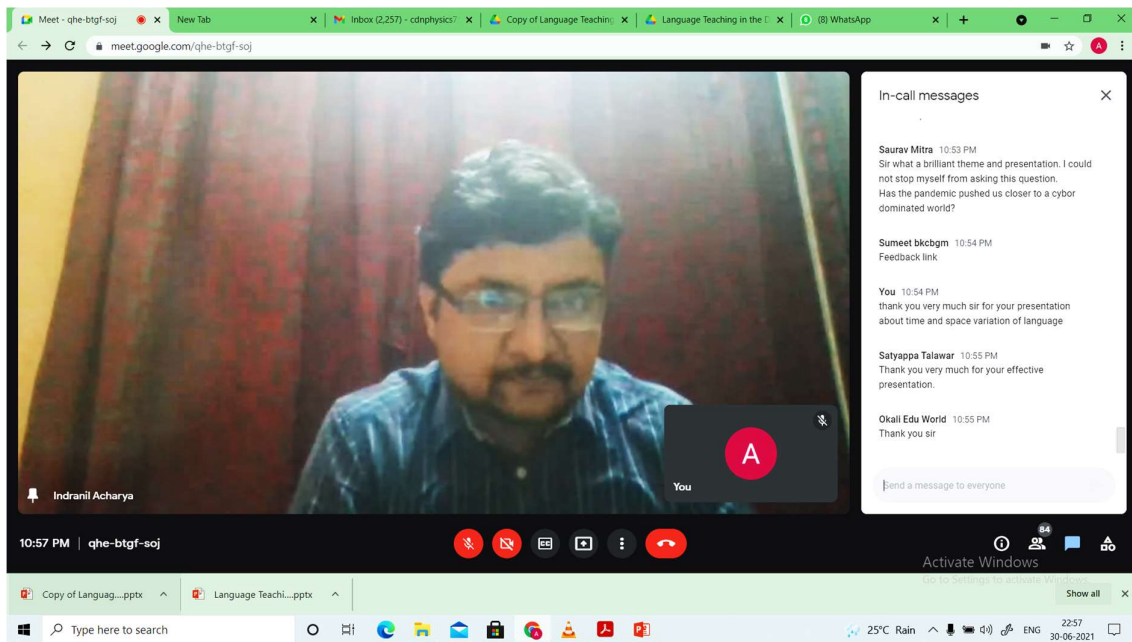
❖ Google form link to registration  
<https://forms.gle/ZTYWWC4zkjyZqjw96>

❖ google meet Link to join  
<https://meet.google.com/qhe-btgr-soj>

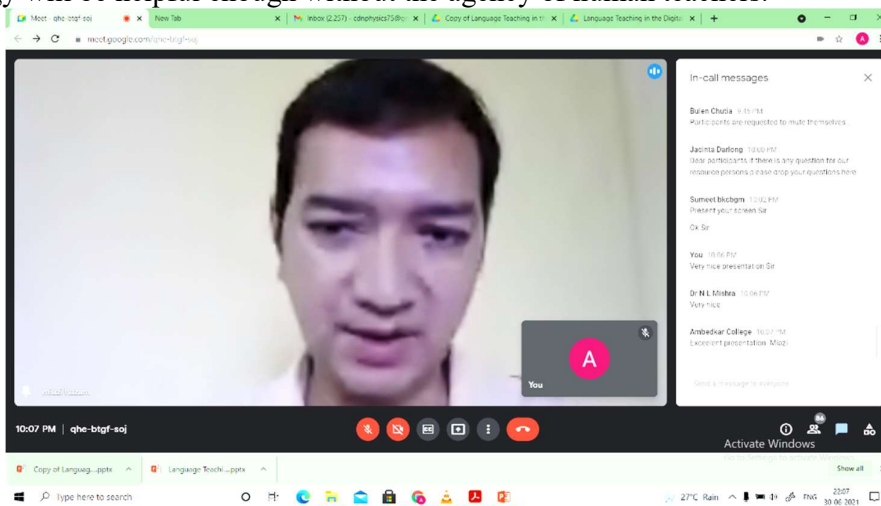
**Date: 1st July 2021**  
**Time: 09:00 am**

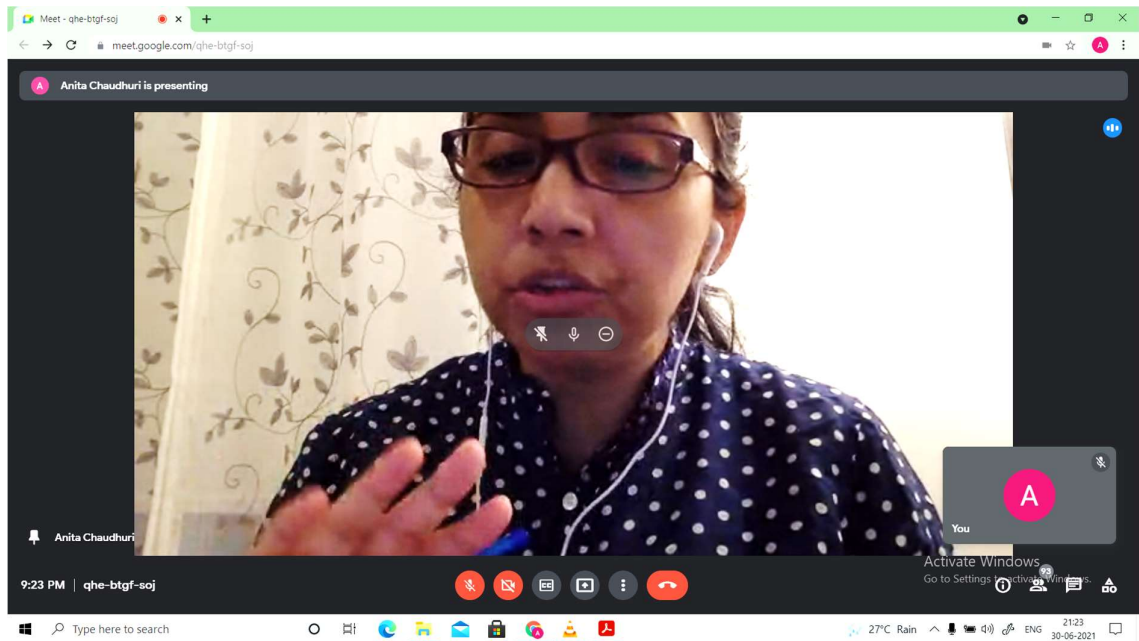
❖ E-certificate will be provided to the registered participants only those who will attend all lectures and submit the feedback form at the end

Prof. Indranil Acharya discussed the importance of the language as a reflection that envelops time and space throughout the centuries. He explores language as a medium to articulate ideas of the human mind. He elaborately explained about scientific propositions in human language, evolving human brain and change of language indicating the structure of language different from human brain, new approach of thinking by human brain resulting a shift in conventional use of the language and man’s cognitive processes, the danger of natural languages along with the emergence of the new technological language. He also dealt on Post Human phase of evolution, image based system of communication and the threats from machine languages using Artificial Intelligence. He concludes his lecture by mentioning some linguistic lab’s published list of “Digitally Dead Languages” with 98% Indian languages in the list.



Associate Prof. Dr. Miazi Hazam at the very outset dwelt upon his views or his perception of the digital influence on the language. He elaborately discussed about the threat or crisis of losing the grip on language in a world where digital technology was beginning to take over as a help for improving language in the form of apps and tech-aids especially in this time of the Pandemic where all activities are shifted to online mode. He further illustrated the three revolutions in language: From the Invention of the Printing Press to Shakespeare's use of and contribution to the English language unto the Digital Influence on language. Further he explained in detail about the confusion over Digital Humanities and what led to the entry of digital technologies in the field of education and the differences between Written and Spoken Language. Through his lecture Dr. Hazam clearly highlighted that the intervention of digitalization in the field of learning has helped in wide dissemination of knowledge by liberating it beyond the confines of the four walls of traditional classrooms and democratized language but at the same time concluded on the fact that being too dependent on technology can make individual lose their inborn ability or skills and agreed to the fact that no amount of technology will be helpful enough without the agency of human teachers.





Assistant Professor Dr. Anita Chaudhuri discussed about the numerous online learning mode, formats and resources digital technology has to offer. She began her lecture highlighting the various platform for online composition practices , multimodal composition and the pedagogical shifts on open educational resources and re-mediation of disciplinary knowledge. She further talked about the flexibility in the teaching-learning and assessment process the digital technology has made and the rhetorical strategy for text development before shifting her focus on the negative aspects or the challenges that the students in digital era faces such as maintaining of study habits, the digital divide, learning curve and the quick turnaround for new assessment practices. Her lecture provided an insight to the immediate need of balancing the use of technology for learning process and the need to draw a line from the threat of misusing these technologies.

Assistant Professor Dr. ZiuZiu Iheilung talked about how the digital revolution has transformed language triggering an explosion of new vocabulary, genre and styles etc. She has observed that in the last 10 years or so there had been a drastic change in language teaching and learning focusing more on the language skills, vocabulary, grammar, critical thinking skills and imaginative skills. Dr. Iheilung discussed about the history of language teaching and learning (Methods) and the various teaching methods which will help learners to distinguish between the formal and informal usages of the language.



Digital technology has undoubtedly aided the teaching learning process as a tool for instructions but at the same time has resulted in deteriorating student's competence of reading, writing and speaking. She concludes her lectures by suggesting methods teachers may adopt in order to keep the balance of both the positive and negatives usage of digital technologies.

Towards the end of the lecture session, the resource persons lucidly clarified and answered queries posted by the participants in the chat box. With a positive feedback from the participants, the Webinar concluded with the Presidential address made by Dr. Subrata Sharma, Principal In-charge Ambedkar College.

