

## REPORT ON ONE DAY INTERNATIONAL E-CONFERENCE

### “APPLICATION OF NANOTECHNOLOGY IN THE FIELD OF BIOLOGY”

On 12<sup>th</sup> September 2021

Department of Human Physiology and Zoology jointly organized a one day International E-conference entitled as “**APPLICATION OF NANOTECHNOLOGY IN THE FIELD OF BIOLOGY**” on 12<sup>th</sup> September 2021 in online platform (Google meet). The conference focused on application of nanotechnology in the field Life Sciences so that students can get an insight about the application atomic force microscope, electron microscopes etc. on biological samples. The chief guest of the E- conference was Prof. Jogen Chandra Kalita, Head, Department of Zoology, Guhati University, Assam. Second invited speaker was from the Vellore Institute of Technology he talked about drug designing and third speaker from Germany, she mainly focused on microscopic techniques that are available now day for evaluation of cells in molecular level. The programme started sharp at 11:00 am with the inauguration of virtual holy lamp followed by saraswati vandana. And after that Rabidnra Sangeet was sung by students of Biological Sciences. The welcome address was given by the convenor **Miss. Anwasha Dey** (guest faculty) Department of Human Physiology. The inaugural speech was given by chief guest of the day Prof. Jogen Chandra Kalita. The whole programme was moderated by the guest faculty **Sandipan Das**. The journey of E-conference initiated with the introductory speech given by the convenor **Mr. sandipan Das** (guest faculty), Department of Zoology, Ambedkar College.

**INTERNATIONAL E-CONFERENCE ON APPLICATION OF NANOTECHNOLOGY IN THE FIELD OF BIOLOGY**

TIME: 11 AM ONWARDS  
DATE: 12<sup>th</sup> SEPTEMBER 2021

**INVITED SPEAKER**

**CHIEF GUEST**

**INVITED SPEAKER**

**Dr. Sanjit Kumar**  
Assistant Professor  
Centre for Bioseparation Technology,  
Vellore Institute of Technology, Vellore

**Prof. Jogen Chandra Kalita**  
Head, Department of Zoology  
Gauhati University, Guwahati  
& General secretary of ZSA

**Dr. Arpita Roychoudhury**  
Consultant, Scientist IRIS Adlershof,  
Founder and managing partner, Data  
analysis tools, Germany

**Organizing committee**  
President **Dr. Subrata Sharma**  
Principal In-Charge,  
Ambedkar College, Fatikroy, Unakoti Tripura  
Organizing Secretary **Sri Sanjib Choudhury**  
Conveners **Anwesha Dey, Sandipan Das and  
Rajat Debnath**  
Ambedkar College, Fatikroy, Unakoti Tripura

**Google meet link**  
<https://meet.google.com/qom-cpmh-dfu>

**Advisory Committee**  
**Sri Abhijit Datta, Dept. of Botany**  
**Dr. H. Reshmi Singha, Dept. of Botany**  
**Dr. Manish Nandi, Dept. of Mathematics**  
**Dr. Chandan Debnath, Dept. of Physics**

Figure 1: Flyer of the International E-conference: “Application of nanotechnology in the field of biology”

**Chief Guest-** Prof. Jogen Chandra Kalita, was the chief guest of the E-conference he talked about the ‘how endocrine disruptors like BPA and other toxicant causing infertility in modern society. He also describe about the planning that were taken by the various organisation worldwide for minimizing the effect of environmental as well as human made toxicants and their genotoxicity. He also added how destruction of nature impacting on health hazards like pandemic, epidemic etc. He also talked about his on-going research on endrology and also showed some of his research work published in high impact factor journals. He also gave answer to the queries raised by the participants at the end of his lecture.



qom-cpmh-dfu ▶



# Children's Environmental Health



Jogen Chandra is presenting



Jogen Chandra



Arpita



You



Sagarika 74 others

Figure2: Deliberation of prof. Jogen Chandra Kalita, Gauhati University

**1<sup>st</sup> invited Speaker-** Dr. Sanjit Kumar, assistant professor of Vellore Institute of Technology talked about bioseparation of macro and micro molecules by various separation techniques and also discussed about drug designing and screening. He also answered the questions asked by the participants after the completion of his talk.

**2<sup>nd</sup> Invited Speaker:** Dr. Arpita Roychodhury is one of the successful scientist, she now worked in Adlershof, Germany She encourages students to choose biophysics as a field of research.

**Vote of thanks:** The vote of thanks was given by our Principal-In charge Dr. Subrata Sharma.

At the end of the session with national anthem the organising team conclude the E- conference.

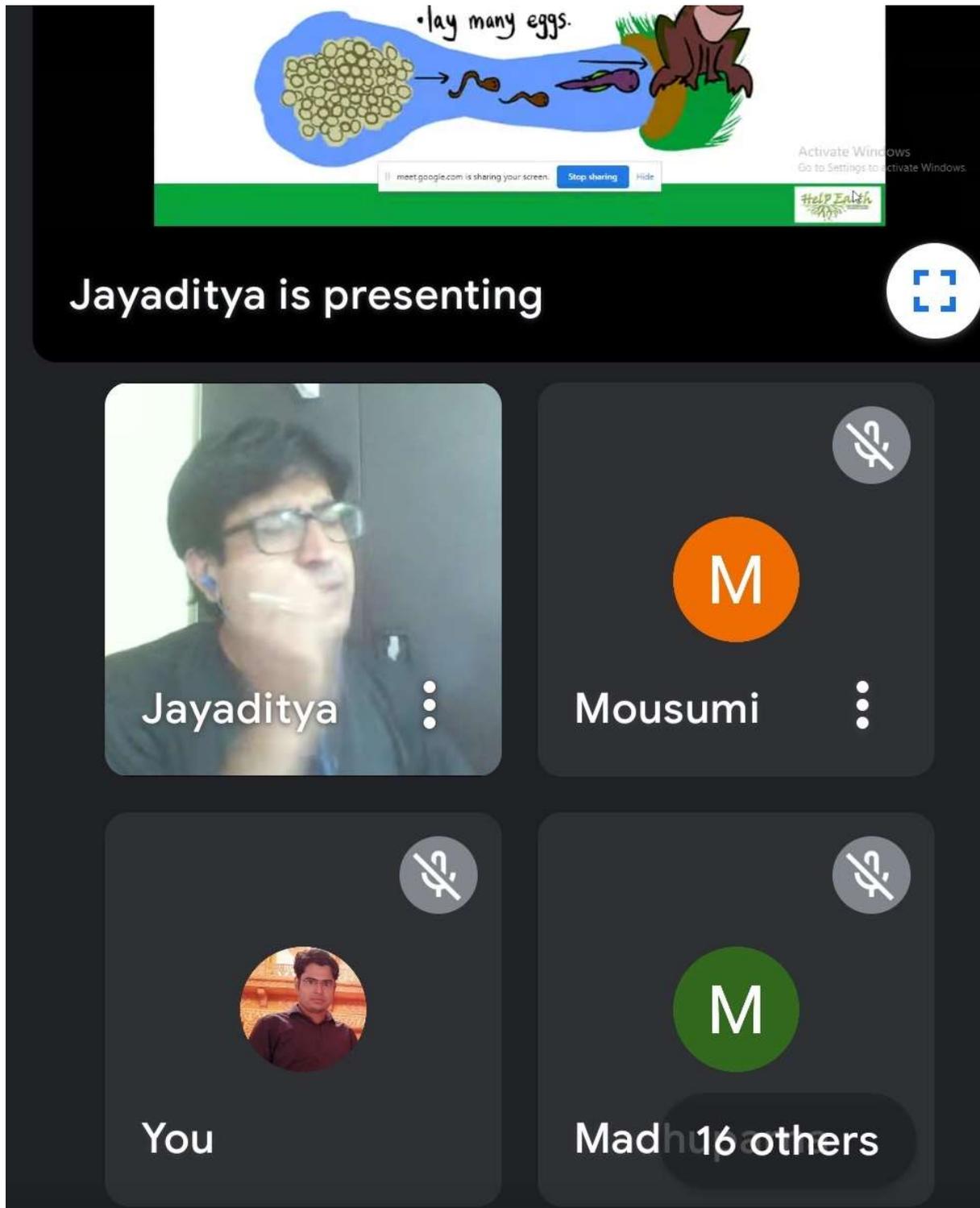


Figure 4: Deliberation of Dr. Jayaditha Purkhayastha on herpeto fauna of NE India.

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

