

“Celebration of National Science Day, 2024”

Date: 28.02.24

Activity: International Webinar on Science for A Sustainable Future



**International webinar on
Science for a Sustainable Future**
On the occasion of National Science Day
28th February, 2024

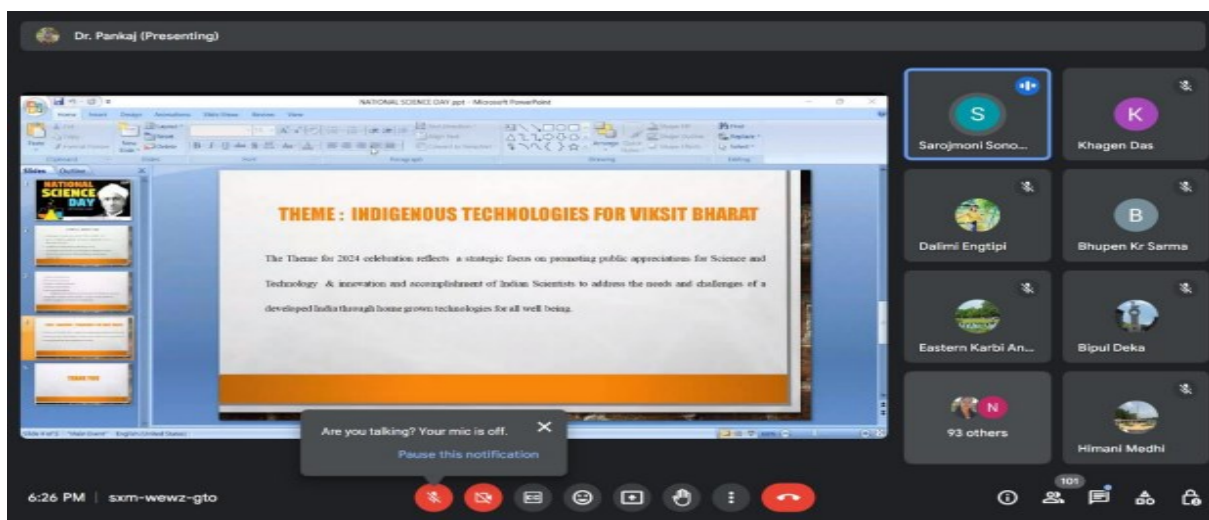
Organized by
Research and Development Cell, Eastern Karbi Anglong College
In collaboration with Zoology Department and Science Forum, Pub Kamrup College

Speaker: Dr. Jayanta Sarmah Baruah
Complex Fluids Laboratory, School of Mechanical Engineering,
Korea University of Technology and Education, Cheonan 31253, South Korea

Topic: Importance of Nanomaterials in biology: An Insight on Biomedical Applications

Registration link: <https://forms.gle/k3GG9KC4w34ooYsu6>
Webinar Link: <https://meet.google.com/sxm-wewz-gto>

Contact: Dr. Joyashree Baruah, Convener, Research and Development Cell, EKAC. Email Id: rtidsa2023@gmail.com. Mobile No.: 8638801293



Dr. Pankaj (Presenting)

NATIONAL SCIENCE DAY ppt - Microsoft PowerPoint

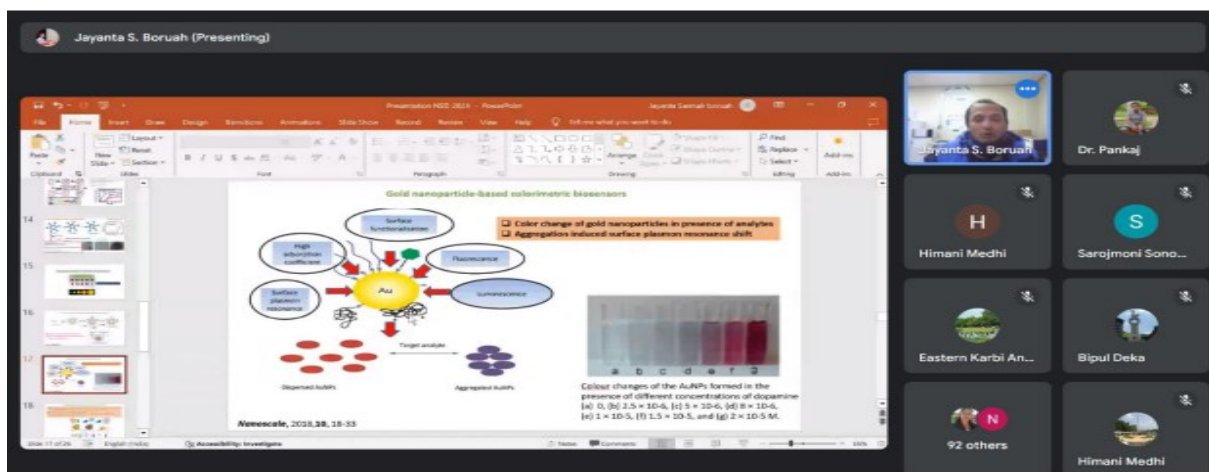
THEME : INDIGENOUS TECHNOLOGIES FOR VIKSIT BHARAT

The Theme for 2024 celebration reflects a strategic focus on promoting public appreciations for Science and Technology & innovation and accomplishments of Indian Scientists to address the needs and challenges of a developed India through home grown technologies for all well being.

Are you talking? Your mic is off.
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6:26 PM | sxm-wewz-gto

Participants: Sarojmoni Sono..., Khagen Das, Dalimi Engtupi, Bhupen Kr Sarma, Eastern Karbi An..., Bipul Deka, 93 others, Himani Medhi



Jayanta S. Baruah (Presenting)

PowerPoint 2013 - Presentation

Gold nanoparticle-based colorimetric biosensors

Color change of gold nanoparticles in presence of analytes
Aggregation induced surface plasmon resonance shift

High adsorption coefficient
Surface plasmon resonance
Target analyte
Dispersed AuNPs
Aggregated AuNPs

Color changes of the AuNPs formed in the presence of different concentrations of dopamine [a] 0, [b] 2.5 × 10⁻⁶, [c] 5 × 10⁻⁶, [d] 8 × 10⁻⁶, [e] 1 × 10⁻⁵, [f] 1.5 × 10⁻⁵, and [g] 2 × 10⁻⁵ M.

Wenecale, 2023.08.18-33

Participants: Jayanta S. Baruah, Dr. Pankaj, Himani Medhi, Sarojmoni Sono..., Eastern Karbi An..., Bipul Deka, 92 others, Himani Medhi

Celebration of National Science Day, 2024

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Activity: International Webinar on Science for a Sustainable future.

Resource Person: Dr. Jayanta Samraha Baurah (Post Doc Fellow, South Korea)
Host Organiser: Research and Development Cell, Eastern Karbi Anglong College.

Collaboration: Department of Zoology, Eastern Karbi Anglong College.
Students Participants: 120

On 28.02.2024, an International Webinar on "Science for a Sustainable future" was organized in collaboration with Eastern Karbi Anglong College. The Programme started with a welcome address delivered by Dr. Anil Ch. Das, Principal, Eastern Karbi Anglong College. The event was inaugurated by Dr. Chupen K. Samraha, Principal, Pub Kamrup College, Bailhata Chariali, also gathering was addressed by Dr. Khagen Das, coordinator, IQAC. Mr. Sarojmoni Sarma, Head of Zoology Dept, Pub Kamrup College delivered a lecture on the significance of National Science Day.

Dr. Pankej Kalita of Eastern Karbi Anglong College introduced the invited speaker for the webinar in terms of his academic and research background.

Dr. Jayanta Samraha Baurah, Post Doctoral Fellow in the Complex fluids laboratory, School of Mechanical Engineering, Korea University and Education, Cheonan, South Korea, delivered his lecture on the topic "Importance of Nanomaterials in Biology: An insight on Biomedical Applications." In his lecture, he described how nanomaterials can be used for drug delivery & can be used in Biomedical field for treatment of various diseases.

At the end, interactive session between with the Resource Person from both faculties and students was held followed by formal vote of thanks by Dr. Pankej Kalita, department of zoology, Eastern Karbi Anglong College.

