

# **Undergraduate Physics Lecture Series (UPLS)**

**An Inter-College Faculty College Exchange Programme**

**Organized by**

**Department of Physics, Bahona College, Jorhat, Assam, India**

**19 - 31 July, 2021**

**Total participants: 57**

**Platform: Google meet**

**Inaugurator: Dr. Prasanna Kumar Dutta (Principal, Bahona College, Jorhat)**

**Chairperson: Dr. Sumbit Chaliha (HOD, Department of Physics)**

**Coordinator: Dr. Aishawnniya Sharma (Assistant Professor, Department of Physics)**

**Resource Persons:**

Dr. Amal Kr. Sarmah, Associate Professor, Department of Physics, D.R. College, Golaghat

Dr. Bhaskar Jyoti Baruah, Associate Professor, Department of Physics, D.R. College, Golaghat

Dr. Jyoti Prasad Gogoi, Assistant Professor, Department of Physics, D.K.D. College, Dergaon

Mr. Utpal Saikia, Assistant Professor, Department of Mathematics, Silapathar College, Dhemaji

**LOC:**

Dr. Sumbit Chaliha

Mr. Digonta Pd. Gogoi

Dr. Himanshu Rajbongshi

Dr. Aishawnniya Sharma

Department of Physics, Bahona College has organised an undergraduate Physics Lecture Series (UPLS) from 19 - 31 July, 2021 with an objective to introduce the students with different undergraduate Physics topics by the experts of those subjects teaching at different colleges of Assam. Total 57 students from different universities and colleges of Assam (Tezpur University, Dibrugarh University, Jorhat Institute of Science and Technology (JIST), Bahona College, Jorhat Engineering College) registered and participated in the lecture series.



UPLS was inaugurated on 19th July, 2021 at 11 am over google meet platform (link: <https://meet.google.com/oti-dkoh-ymy>) in the presence of the Principal of Bahona college, the resource persons from different colleges of Assam, the faculties of Department of Physics, Bahona college and the participants from different colleges and universities of Assam. Dr. Prasanna Kumar Dutta, Principal, Bahona College, Jorhat, provided the inauguration speech. In his short introductory note, he mentioned the objectives and expectations of the lecture series. Dr. Sumbit Chaliha, HOD, Department of Physics, provided the welcome address and introduced the resource persons to the participants. The inauguration ceremony ended at 11.15 am, followed by the initiation of the lecture series. Dr. Aishawnniya Sharma (Assistant Professor, Department of Physics), coordinator of UPLS moderated the inauguration as well as further sessions. The different sessions occurred parallelly and Dr. Himanshu Rajbongshi, Assistant Professor, Department of Physics also moderated a few parallel sessions.

UPLS came to end on 31st July, 2021 followed by a speech by the HOD, Department of Physics, Bahona College and a Vote of Thanks by the coordinator for the successful completion of the programme. Feedbacks were taken from the participants, and e-certificates were given to them. Details of different parallel sessions are given below along with some evidences/screenshots of different aspects associated with the lecture series.

**19.07.2021: Day 1 [11.15 am to 12.30 pm]**

Speaker: Dr. Amal Sarma

Associate Professor, D.R. College, Golaghat

Topic: Quantum statistics

Link: <https://meet.google.com/oti-dkoh-ymy>

**19.07.2021: Day 1 [Parallel session, 11.15 am to 12.30 pm]**

Speaker: Dr. Jyoti Prasad Gogoi

Assistant Professor, D.K.D. College, Dergaon

Topic: Displacement Current

Link: <http://meet.google.com/fpx-idvs-www>

**20.07.2021: Day 2 [11.00 am to 12.30 pm]**

Speaker: Dr Bhaskar Jyoti Baruah

Associate Professor, Department of Physics, D R College, Golaghat

Topic: Diffraction

Link: <http://meet.google.com/ehf-oief-fze>

**20.07.2021: Day 2 [Parallel session, 11.00 am to 12.30 pm]**

Speaker: Dr. Jyoti Prasad Gogoi

Assistant Professor, Department of Physics, D.K.D. College, Dergaon

Topic: Quantum theory of Light

Link: <https://meet.google.com/oti-dkoh-ymy>

**21.07.2021: Day 3 [11.00 am to 12.30 pm]**

Speaker: Dr Bhaskar Jyoti Baruah

Associate Professor, Department of Physics, D R College, Golaghat

Topic: Crystal Structure

Link: <https://meet.google.com/oti-dkoh-ymy>

**28.07.2021 - 31.07.2021: Day 4, 5, 6, 7 [10.30 am to 12.00 noon]**

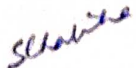
Speaker: Mr. Utpal Saikia

Assistant Professor, Department of Mathematics, Silapathar College, Dhemaji

Topic: C-programming


Platform: Zoom


Link: <https://us02web.zoom.us/j/8486333922?pwd=ZHh1Y3N1SWg4U1E1ZTh3WmUyaEdEQT09>

  
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