



Department of Physics  
Morigaon College  
Morigaon, Assam-782105



Email: [phy@morigaoncollege.ac.in](mailto:phy@morigaoncollege.ac.in)

Website: [www.morigaoncollege.ac.in](http://www.morigaoncollege.ac.in)

### Report on Popular Talk: "Einstein's Insight, Light, Relativity and Beyond"

Date: 17 Aug. 2024

Venue: Morigaon College

Organized by: Department of Physics, Morigaon College

Under the banner of: Star College Scheme

The Department of Physics, Morigaon College, organized a popular talk on "Einstein's Insight, Light, Relativity and Beyond" under the Star College Scheme. The invited speaker was Dr. Nitu Borgohain, Head of the Department of Physics, University of Science and Technology, Meghalaya (USTM).

The program was attended by 42 students, as well as alumni members of the college. Dr. Borgohain delivered an insightful lecture on Albert Einstein's groundbreaking work on light, relativity, and its implications on modern physics.

#### Key Highlights of the Talk:

- Dr. Borgohain explained Einstein's famous equation  $E=mc^2$  and its significance in understanding the relationship between energy and mass.
- He discussed the concept of special relativity and how it challenged traditional notions of space and time.
- The speaker also touched upon the topic of general relativity and its application in understanding gravity and the behavior of celestial bodies.
- Dr. Borgohain highlighted the impact of Einstein's work on the development of modern physics and its influence on various fields, including astrophysics, cosmology, and particle physics.

#### Outcome:

- The talk provided students with a deeper understanding of Einstein's contributions to physics and their relevance in today's scientific landscape.
- The program encouraged students to explore the wonders of physics and inspired them to pursue careers in scientific research.
- The event also served as a platform for alumni members to reconnect with their alma mater and engage with current students.

Overall, the popular talk was a resounding success, and the Department of Physics, Morigaon College, looks forward to organizing more such events in the future.

Program: Popular talk program

(Under the banner of Star College Scheme)

organized by Dept. of Physics, Morigaon College.

Date: 17-08-2024. (Saturday)

Topic: Einstein's Insight: Light, Relativity and beyond.

Resource person: Dr. Nilu Borgohain

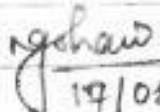
H.O.D and Asst Prof.

Dept. of Physics

University of Science and Technology  
Meghalaya

Signature of Resource person

Dr. Nilu Borgohain

  
17/08/2024.



Signature of participants :->

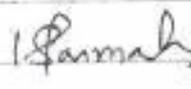
1. Dr. D. Kusre

2. M. Parshana Gogoi

3. Kabita Saikia

4. Babul Talukder

5. 

6. Dr. Hemanga Jyoti Samah  17/08/24

7. Nil Aze Ahmed

## Students sig. -

- |                                    |                                  |
|------------------------------------|----------------------------------|
| 1. Jannoni Dewari (3rd sem)        | 35. Apurba Baruah (1st sem)      |
| 2. सत्यदी सती (5th sem)            | 36. Baburroni Nath (5th sem)     |
| 3. Dipankar Sarka (5th sem)        | 37. Abinash Kr Nath (5th sem)    |
| 4. Biku Moui Deka (5th sem)        | 38. Rasidul Ali (5th sem)        |
| 5. Chinmoy Boruah (5th sem)        | 39. Baishnab Kumar Das (5th sem) |
| 6. Jhumoni Hina (5th sem)          | 40. Debashish Kalita (5th sem)   |
| 7. Jyotish Hazareika (5th sem)     | 41. Sakil Ahmed (Alumni)         |
| 8. Sachin Bora (5th sem)           | 42. Abhijit Sijam (R.S. USTM)    |
| 9. Nishamoni Bora (5th Sem)        |                                  |
| 10. Suhana Sultana (5th Sem)       |                                  |
| 11. Shamim Akter (5th sem)         |                                  |
| 12. Farhina Sultana (5th sem)      |                                  |
| 13. Pakiza Farhina Sarit (5th sem) |                                  |
| 14. Kishanu Kr. Deka (5th sem)     |                                  |
| 15. Hiran, Jyoti Sanmah (5th sem)  |                                  |
| 16. Shahmiran Ahmed (5th Sem)      |                                  |
| 17. Anah Jyoti Kashyap (5th sem)   |                                  |
| 18. Arjun Das (5th sem)            |                                  |
| 19. Subonnoaj Deka (3rd sem)       |                                  |
| 20. Uday Kumare Nath (3rd sem)     |                                  |
| 21. Manab Jyoti Nath (3rd sem)     |                                  |
| 22. Biki Deka (3rd sem)            |                                  |
| 23. Khadyot Kishore Nath (3rd sem) |                                  |
| 24. Hafijuddin Ahmed (1st sem)     |                                  |
| 25. Rihan Ullah (1st sem)          |                                  |
| 26. Atikur Ahmed (1st sem)         |                                  |
| 27. Ayan Jyoti Sarma (1st sem)     |                                  |
| 28. Prabal Benkakati (1st sem)     |                                  |
| 29. Bhargab Jyoti Nath (1st sem)   |                                  |
| 30. Anantan Nath (1st sem)         |                                  |



## Feedback on the program:

- (1) Informative seminar
- (2) Excellent Seminars.
- (3) Good talk
- (4) So interesting & informative.
- (5) Knowledge gaining seminar.
- (6) Its gain over knowledge in physics.
- (7) Excellent
- (8) Its give me an another view view of physics.
- (9)  $\sqrt{10000}\%$  profited.
- (10) Informative and its a good seminar.
- (11) ~~Its~~ Excellent
- (12) Thank the teachers for their time and effort.
- (13) We appreciate Sir.
- (14) The speaker's enthusiasm and passion for the topic were evident and engaging.
- (15) The use of visual aids efficiently illustrated the complex concepts.
- (16) Thank to the Sir for his valuable information
- (17) Informative and very knowladgable
- (18) Good and informative talk for physics.
- (19)



