

Department of Physics

Morigaon College

Morigaon: Assam: 782105

Email: physics.mc1964@gmail.com

Website: <https://physics.morigaoncollege.online/>

Date: 28th March 2023

To,
The Principal,
Morigaon College,
Morigaon, Assam,

Subject: Asking permission to organize a national Level workshop on "Classical to Quantum world"

Respected sir,

With due respect and humble submission, I want to state to you that, we are going to organize a national workshop on "Classical to Quantum world" on 19th April, 2023. Through this letter, we request to grant the permission for the aforementioned assignment.

With regards,



Mrs. K. Sarmah

Head of the Department,
Department of Physics,
Morigaon College

**H O D. PHYSICS
MORIGAON COLLEGE
Morigaon, 782105**



28/3/23

Principal
MORIGAON COLLEGE

Department of Physics

Morigaon College

Morigaon: Assam: 782105

Email: physics.mc1964@gmail.com

Website: <https://physics.morigaoncollege.online/>

Date: 5 April 2023

To

Dr. Nitu Borgohain
Asst. Professor
Department of Physics
University Of Science & Technology,
Meghalaya

Greetings from Morigaon College.

Sir, we are pleased to inform you that, we are going to organize a National level workshop on "Classical to Quantum world" on 19th April 2023. You are invited as a guest speaker for the same.

Date 19 April 2023

Time 11 A.M

Venue AKG Hall, Morigaon College.

With Regards,



HOD

Department of Physics.
Morigaon College.

H O D. PHYSICS
MORIGAON COLLEGE
Morigaon, 782105



Co-ordinator
National Workshop
Classical to Quantum World.



Department of Physics

Morigaon College

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Email: physics.mcl964@gmail.com

Website: <https://physics.morigaoncollege.online/>

Notice

Date: 18 April 2023

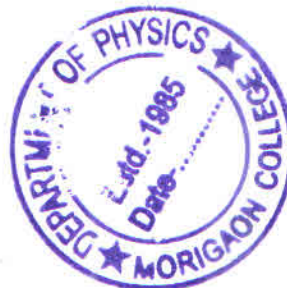
It is hereby informed to all the students of Science stream of Morigaon College that, National Workshop is going to organize on 19th of April, 2023 on “**Classical to Quantum World**” to be conducted by Department of Physics, Morigaon College. Dr. Nitu Borgohain, Asst. Professor, Dept. of Physics, USTM, Meghalaya will present as a resource person.

Therefore, interested students are requested to be present at the workshop.

Date 19 April 2023

Time 11 A.M

Venue AKG Hall, Morigaon College.



With Thanks,

Mrs. K. Sarmah

Head of the Department

Dept. Of Physics

Morigaon College.

H O D. PHYSICS
MORIGAON COLLEGE
Morigaon - 782105

Department of Physics
Morigaon College
Morigaon Assam-782105

Report on National Workshop

Topic: "Classical to quantum world"

Date: 19th April 2023

Resource person: Dr. Nitu Borgohain,
Assistant Professor and Head of the Department,
Department of Physics
University of Science and Technology, Meghalaya

Introduction:

After successful demonstration of classical mechanics and electromagnetism, scientist in 19th Century thought that, they have explored everything in Physics. At the same time, the un-explained facts of Blackbody radiation (Ultra-violet catastrophe), Line emission and absorption of light, appropriate atomic model etc. were sufficient to carry the attention of the scientist at that time. The existing theory was not enough to explain everything in science. This leads the world to the quantum mechanics. In this national workshop, we have addressed the the journey from classical to the quantum world.

About the workshop

The national workshop entitled "Classical to Quantum world" has been organized by Department of Physics, Morigaon College, Morigaon, Assam. With the national anthem of Republic of India the workshop started. Dr. N. Borgohain, the Resource person and Mrs. K. Sarmah, H.O.D., Physics, Morigaon College lighted the lamp. Dr. H.J. Sarmah welcomed the gathering and conducted the session.

Dr. N. Borgohain, the resource person delivered a lecture on the topic "Classical to quantum world". He mainly addressed the failure of classical mechanics and origination of quantum mechanics. The importance of the quantum mechanics is also cited. In addition, there was a practical demonstration of .

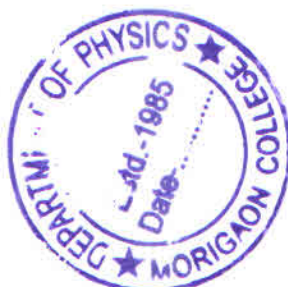
Participants

Total Number of Participants: 34

Participants mostly joined from Assam, Meghalaya etc.

Feedback received from the participants

The participants conveyed a satisfactory feedback report to the organizing committee. Most of the participants found it helpful, which may help them for enhancement of knowledge in the said field. The national workshop also enabled to motivate the participants toward scope in quantum technology.





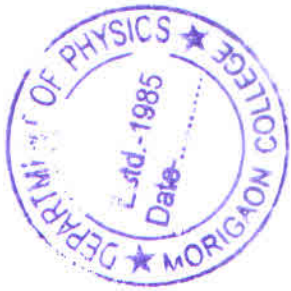
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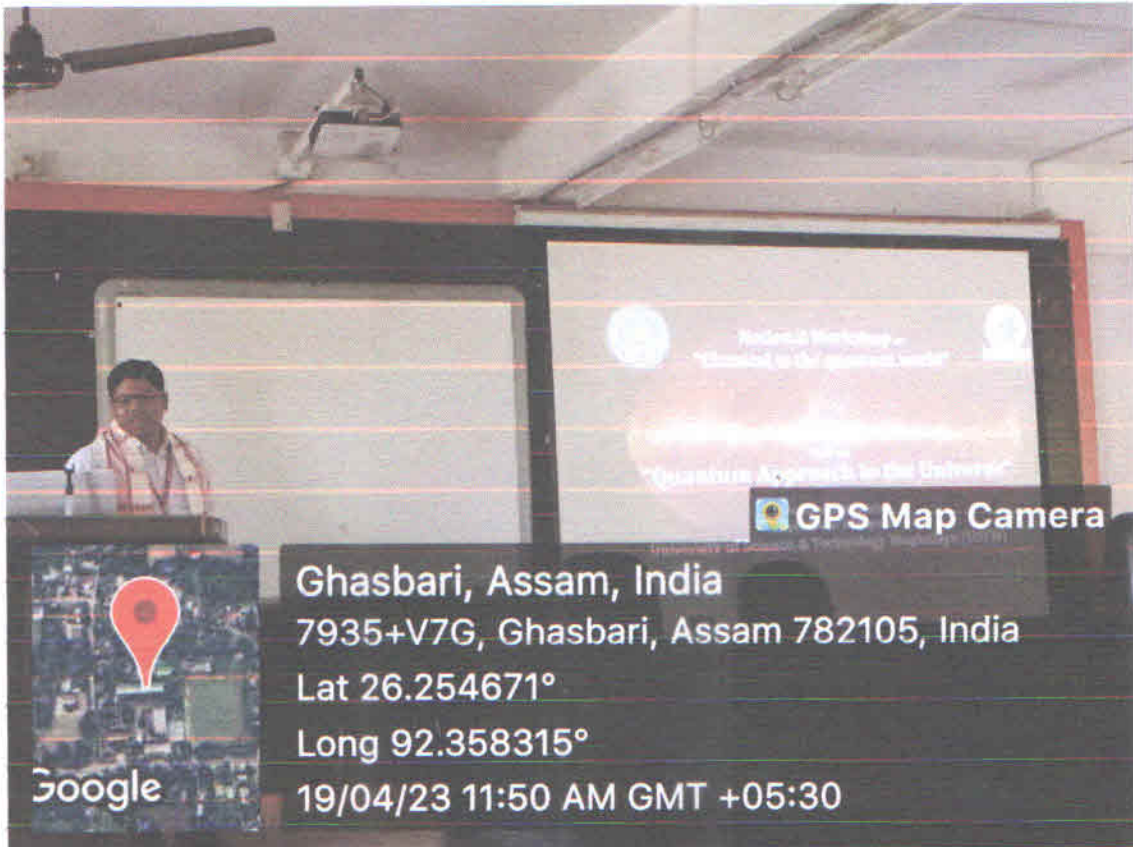


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7935+V7G, Ghasbari, Assam 782105, India
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Long 92.358336°
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Google

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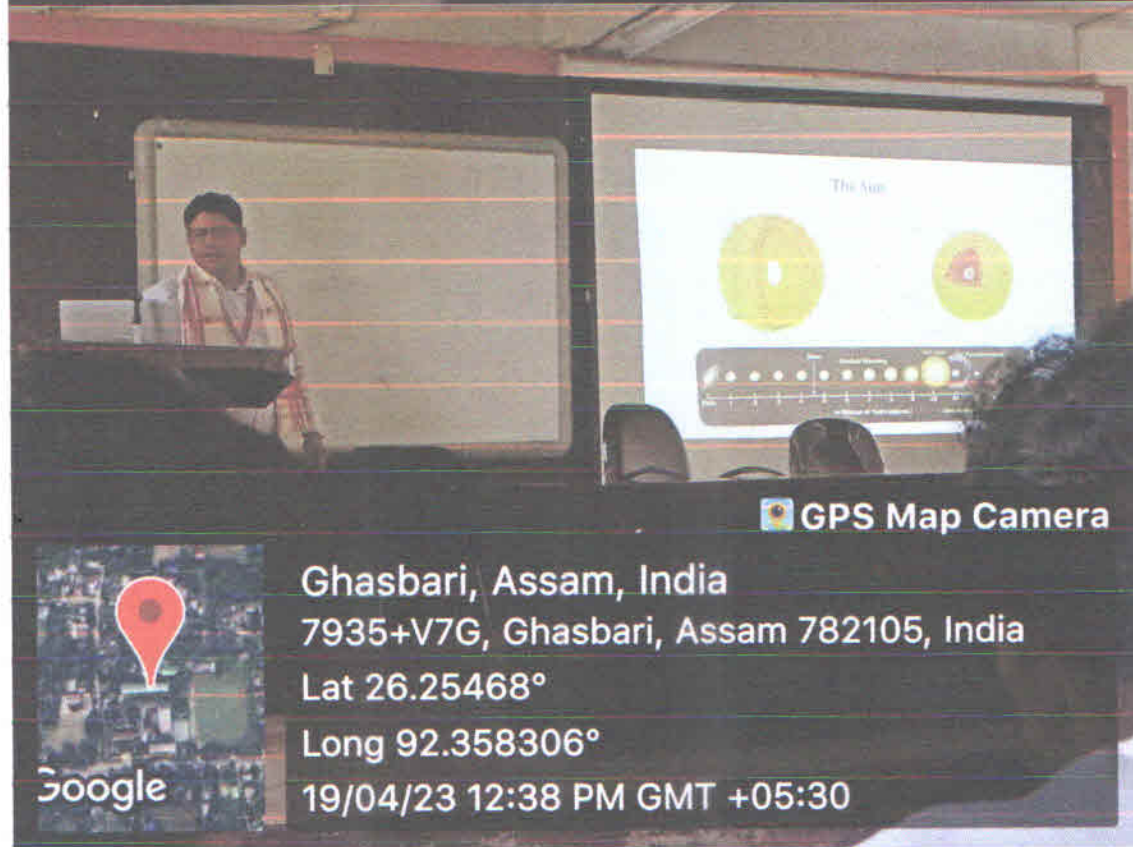
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National workshop on "Classical to Quantum world"

Date: 19th April 2023.

Venue: Department of Physics, Moriganj College,

Resource Person: Dr. Nitu Borgohain.

Asst. Professor & Head of the Department
Department of Physics

University of Science & Technology,
Meghalaya, India.

Signature

Principal Leha K. Bunting

Rhali
IOAC co-ordinator

Borgohain
(Dr. Nitu Borgohain)
Resource person

Sarmah
Convener

Co-ordinator
Kabita Sarmah

Members

1. N. I. Ali Akbar
2. Sabul Khundor
3. Anumima Sarma.

Signalur

1. Chandan Nath
2. Satyajit Bondoloi
3. Jyoti Sankar Nath (Bsc 2nd Sem)
4. Suhana Sultana "
5. Shahmiran Ahmed "
6. Simanta bondoloi "
7. Bikram Bhuyan (Bsc 6th Sem)
8. Wazid Akhtar (Bsc 6th Sem)
9. Anunav Das (B.Sc 6th Sem)
10. Kapil Madur (B-Sc 6th Sem)
11. Chittamandra Bora (B.Sc. 6th Sem)
12. Deep Jyoti Nath (B.Sc. 6th Sem)
13. Lakhya Jyoti Bora "
14. Gijamul Hoque "
15. Riki Mazumder (B-SC 4th sem)
16. Naba Jyoti Sankar (B-SC. 4th Sem)
17. Harshajit Chouhan (" " ")
18. Abir Hazarika (B.Sc 4th Sem)
19. Arnab Jyoti Kashyap (B.Sc. 2nd Sem)
20. Malina Begum (4th sem)
21. Kabyashree Devi (4th sem)
22. Pranab K Das (4th Sem)
23. Minanga Das (4th Sem)
24. Laxmikant Nath (4th Sem)
25. Debajit Nath (4th Sem)
26. Kabir R. Deka (4th sem)
27. Bikash Raja (2nd Sem)
28. Riksharani Das (2nd Sem)
29. Jitumoni Hitea (2nd sem)
30. Imam Mahdi (2nd Sem)
31. Sukanya Devi (2nd sem)
32. Garima Doloi (2nd Sem)