

Report on Student Seminar



গড়গাঁও মহাবিদ্যালয়

GARGAON COLLEGE

NAAC accredited with 'B' Grade

Odd Semester
August-December 2022



DEPARTMENT OF PHYSICS

GARGAON COLLEGE

NAAC accredited with 'B' grade

PO: SIMALUGURI; DIST-SIVASAGAR ASSAM-785686

Email ID: physicsdepartmentgc@gmail.com

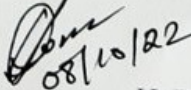
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Date: 08/10/2022

Notice

Seminar presentation for I, III and V Semester (H) students will be held at 9 AM as per following schedule. Students are asked to contact Mr. Jayanta Sonowal for their seminar topic.

<u>Date</u>	<u>Sem</u>	<u>Venue</u>
12/10/2022	V (H)	Electronics
17/11/2022	I (H)	Lab
18/11/2022	III (H)	


08/10/22

HoD

Dept of Physics
Department of Physics
Gargaon College

Date: 17/11/2022

B.Sc. 1st Semester

Sl. no.	Roll no.	Name	Signature	Marks
1	10	Aman Lensua Baruah	Aman Lensua Baruah	5
2	12	Ankita Pralim Borah	Ankita Pralim Borah	5
3	13	Ankita Borah	Ankita Borah	7
4	74	Abhilakha Boruah	Abhilakha Boruah	6
5	291	Ehitrananjan Dutta	Ehitrananjan	3
6	112	Bhakti Jyoti Borogohain	Bhakti	4
7	113	Himadri Arandhara	Himadri Arandhara	6
8	116	Mousumi Crogoi	Mousumi	6
9	197	Sayanika Likehon	Sayanika	2
10	162	Amar Jyoti Chetia	Chetia	4
11	218	Chandeep Borogohain	Chandeep	2
12	269	Siddharthaproti Borogohain	Siddharthaproti	5
13	141	Pooja Jyoti Borah	Pooja	5
14				

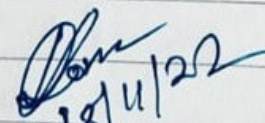
17/11/22

HOD
Department of Physics
Gargaon College

Date: 18/4/2022

B.Sc. 3rd Sem (H)

Sl. no.	Roll.	Name	Signature	Marks
1 ✓	36	Rahul Konwar	Rahul Konwar.	5
2 ✓	66	Gayatri Borgohain	Gayatri Borgohain	5
3 ✓	119	Satyabrata Ray Dowaali	Satyabrata Ray Dowaali	4
4 ✓	20	Swaraj Konwar	Swaraj Konwar	6
5 ✓	127	Bhaskar Jyoti Chitla	Bhaskar jyoti chitla	4
6 ✓	150	Udit Dowaali	Udit Dowaali	4
7 ✓	211	Uday Patra	U Patra	3
8 ✓	251	Kashmiri Boruah	Kashmiri	6
9 ✓	341	Nishu Kumari Singh	Nishu Kumari singh.	5
10 ✓	289	Jintu Bhuyan	Jintu Bhuyan	4
11 ✓	292	Mintu Boruah	Mintu Boruah.	5
12 ✓	46	Ram Ratan Tiwari	Ram Ratan Tiwari	6
13 ✓	347	Pradyan Phukan	Pradyan Phukan	5
14 ✓	343	Horush Kurmi	Horush kurmi	3
15 ✓	246	Kaushik Pratim Neog	Kaushik K.P. Neog	3
16				


 18/4/22
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 Department of Physics
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Date: 12/10/2022

B.Sc. 5th Semester

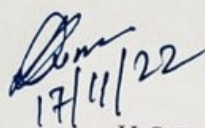
Sl. No.	Roll No.	Name	Signature	Remarks
1.	326	Shyamal Rajkonwar	Shyamal Rajkonwar.	05
2.	277	Devajyoti Bharali	Devajyoti Bharali	22
3.	358	Tushar Dey	Tushar Dey.	185
4.	180	Nikulpal Das	Nikulpal Das.	24
5.	200	Nayan Jyoti Borgohain	Nayan Jyoti Borgohain	011
6.	202	Rajdeep Bora	Rajdeep Bora	021
7.	224	Dhiraj Boruwate	Dhiraj Boruwate	115
8.	310	Sayed Syed Suhail Haque	Suhail Haque	122
9.	360	Shahid Hussain	Shahid Hussain	128
10.	86	Somirani Kalita	Somirani Kalita.	132
11.	351	Debasish Gogoi	Debasish Gogoi	142
12.	272	Nabajyoti Doudraha	Nabajyoti Doudraha.	152
13.	307	Sirangan Konyak	Sirangan Konyak	152
14.	65	Sunit Singha	Sunit Singha.	155
15.	37	Wazifa Khanam	Wazifa Khanam	158
16.	235	Ruma Guwala	Ruma Guwala	118
17.	324	Nishita Phukan	Nishita Phukan	148
18.	22	Hong Kong Baruah	Hong Kong Baruah	151
19.	209	Rishav Gogoi	Rishav Gogoi	151
20.	167	MD Ali Arshad Hazarika	Arshad	05
21.	359	Manab Hatimuria	Manab Hatimuria	16
22.	354	Ujjal Jyoti Konwar	Ujjal Jyoti Konwar	25
23.	309	Hirak Jyoti Konwar	Hirak Jyoti Konwar	25
24.	255	Gurin Chittrakar	Gurin Chittrakar	
25.				
26.				
27.				
28.				
29.				
30.				

12/10/22

HOD PHYSICS

1st Semester
Dept of Physics
Seminar Presentation
Date: 17/11/2022

Sl No	Roll No	Name of the Student	Topic
1	10	Aman Sensua Boruah	Kepler's Law
2	12	Ankur Pratim Borah	Centre of Mass
3	13	Ankita Borah	Simple Harmonic Motion
4	74	Abhilakha Boruah	Collision
5	112	Bhargav Jyoti Borgohain	Michelson-Morley Experiment
6	113	Himadri Arandhara	Gauss's Law
7	116	Mousum Gogoi	Frame of reference
8	141	Parag Jyoti Borah	Global Positioning System
9	162	Amar Jyoti Chetia	Newton's Law Motion
10	197	Sayanika Likchon	Induction
11	218	Chandeep Borgohain	Principle of Conservation of Linear Momentum
12	269	Siddarthaprotim Borgohain	Principle of Conservation of Angular Momentum
13	291	Chitraranjan Dutta	Gravity

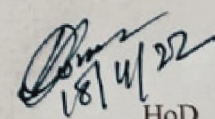

17/11/22

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Gargaon College

3rd Semester
Dept of Physics
Seminar Presentation
Date: 18/11/2022

Sl No	Roll No	Name of the Student	Topic
1	211	Uday Patar	Heat Engine
2	020	Swaraj Konwar	Carnot Engine
3	036	Rahul Konwar	Carnot Theorem
4	043	Maina Panging	First law of thermodynamics
5	046	Ram Ratan Tiwari	Cathode Ray Tube
6	066	Gayatri Borgohain	Computer Memories
7	119	Satyabrat Raj Dowari	Refrigerator
8	127	Bhaskar Chetia	Reversible and Irreversible Process
9	150	Udit Dowari	Thermodynamic Equilibrium
10	246	Kaushik Protim Neog	Zeroth Law of Thermodynamics
11	281	Kashmiri Boruah	Thermodynamics and its various processes
12	292	Mintu Boruah	Conservative and Nonconservative forces
13	341	Nishu Kumari Singh	Entropy changes in reversible and irreversible process
14	347	Progyan Phukan	Architecture of microprocessor 8085


18/11/22

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Even Semester

January-June 2023



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Email ID: physicsdepartmentgc@gmail.com

Ref no. :

Date: 10/04/2023

Notice

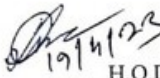
Seminar presentation for VI, IV and II Semester (H) students will be held at 9 AM as per following dates. Students are asked to contact Dr. B.B. Hazarika for their seminar topic.

<u>Date</u>	<u>Sem</u>	<u>Venue</u>
17/04/2023	VI (H)	Electronics
18/04/2023	IV (H)	lab
19/04/2023	II (H)	

Done
10/4/2023
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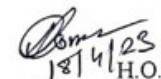
**2nd Semester
Dept of Physics
Seminar Presentation
Date: 19/04/2023**

Sl No	Roll No	Name of the Student	Topic	Signature
1	10	Aman Sensua Boruah	Wave Motion	Aman Sensua Boruah
2	12	Ankur Pratim Borah	Polarization	Ankur Pratim Borah
3	13	Ankita Borah	Holography	Ankita Borah
4	112	Bhargav Jyoti Borgohain	Superposition of Collinear Harmonic Oscillator	Bhargav Jyoti Borgohain
5	113	Himadri Arandhara	Wave Motion	Himadri Arandhara
6	116	Mousum Gogoi	Electromagnetic Induction	Mousum Gogoi
7	141	Parag Jyoti Borah	Magnetic field	Parag Jyoti Borah
8	162	Amar Jyoti Chetia	Simple Harmonic Motion	Amar Jyoti Chetia
9	197	Sayanika Likchon	Introduction of Interference	Sayanika Likchon
10	291	Chitraranjan Dutta	Huygens Principle	Chitraranjan Dutta


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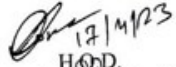
**4th Semester
Dept of Physics
Seminar Presentation
Date: 18/04/2023**

Sl No	Roll No	Name of the Student	Topic	Signature
1	211	Uday Patar	Compton effect	Uday Patar
2	020	Swaraj Konwar	Photoelectric effect	Swaraj Konwar
3	036	Rahul Konwar	LED	Rahul Konwar
4	043	Maina Panging	De-Broglie wavelength and Matter waves	Maina Panging
5	046	Ram Ratan Tiwari	Half wave rectifier	Ram Ratan Tiwari
6	066	Gayatri Borgohain	Zener Diode as a Voltage regulator	Gayatri Borgohain
7	119	Satyabrat Raj Dowari	Lasers	Satyabrat Raj Dowari
8	150	Udit Dowari	Blackbody Radiation	Udit Dowari
9	246	Kaushik Protim Neog	Energy band theory of solid (crystal)	Kaushik P. Neog
10	281	Kashmiri Boruah	The structure of nucleus and its constituents	Kashmiri Boruah
11	292	Mintu Boruah	Photodiode	Mintu Boruah
12	341	Nishu Kumari Singh	Two slit experiment with experiment with electron	Nishu Kumari Singh
13	347	Progyan Phukan	Devisson- Garmer experiment	Progyan Phukan


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**6th Semester
Dept of Physics
Seminar Presentation
Date: 17/04/2023**

SI No	Roll No	Name of the Student	Topic	Signature
1	022	Hong Kong Boruah	Atomic Force Microscopy	Hong Kong Boruah
2	037	Wazifa Khanam	Van-de graff generator	Wazifa Khanam
3	086	Samiran Kalita	Sol Gel Process	Samiran Kalita
4	167	Ali Archad Hazarika	Scanning Electron Microscopy	Ali Archad
5	180	Nilutpal Das	Chemical Vapour deposition	Nilutpal Das
6	200	Nayanjyoti Borgohain	Physical vapour deposition	Nayanjyoti Borgohain
7	209	Rishav Gogoi	Scanning Tunneling Microscopy	Rishav Gogoi
8	224	Dhiraj Baruwati	Transmission Electron Microscopy	Dhiraj Baruwati
9	272	Nabajyoti Dowarah	Pulsed Laser Deposition	Nabajyoti Dowarah
10	277	Devajyoti Bharali	Photolithography	Devajyoti Bharali
11	307	Siranku Konyak	Hydrothermal Synthesis	Siranku Konyak
12	310	Syed Suhail Hauque	The Quantum dance of Fermi gas Model	Suhail Hauque
13	324	Nishita Phukan	Geiger-Muller Counter	Nishita Phukan
14	326	Shyamol Rajkonwar	Liquid drop Model	Shyamol Rajkonwar
15	351	Debashish Gogoi	Ball Milling	Debashish Gogoi
16	358	Tushar Dey	E-Beam evaporation	Tushar Dey
17	360	Shahid Hussain	Liquid drop Model	Shahid Hussain


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Photographs of Student's Participation



