



গড়গাঁও মহাবিদ্যালয়
GARGAON COLLEGE
NAAC accredited with 'B' Grade

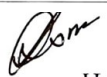
Add-on Course
Department of Physics
2022-2023



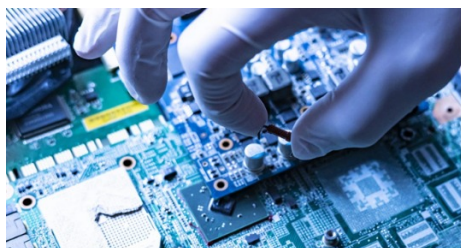
Add-On Course
Dept of Physics
GARGAON COLLEGE

Details of the Course:

1.Name of the course	Electrical Instrumentation
2. Course Code	CCEI
3. Course Objective	The objective of this Add-On course is to familiarize and develop understanding of students with the basic components of electric circuits used in daily essential equipments.
4. Course Content	<p>Unit 1: Fundamentals of electronics Electronics and electricity, Electric charge, voltage, potential difference. Electric current, properties of electric current, Kirchhoff's law and its application in electrical circuits, simplification of electrical circuits.</p> <p>Unit 2: Essential electronic components Basic principle and application of Ammeter, voltmeter, multimeter, power supply, conductors, insulators, semiconductors, resistors, capacitors, series and parallel combination of resistors, capacitors.</p> <p>Unit 3: Basic electrical circuits Rectifiers: principles and application of full and half wave bridge rectifiers, principle and application of filter circuits,</p> <p>principle and application of power supply: step up and step down transformer, identification of basic electrical circuits in complex circuits and PCB.</p> <p>Unit 4: Practical Identify and repair basic electrical circuits/PCB boards, Restoration of old fused LED bulbs and other electrical circuits, design a few basic electric circuits and develop the same in the laboratory and try to develop a prototype using these circuits: making of new LED bulbs etc.</p>
5. Course Outcome	After completion of the course the students will be able to identify the circuits and components of basic electrical appliances and also they can handle and repair these equipments.


HOD
Dept. of Physics
Gargaon College

Flyer



About the course

Add-on course on Electrical Instrumentation offered by Gargaon College along with other regular courses is an initiative to train the students and youths to tackle the common glitches in our day-to-day electrical equipments. This course aims to practice and provide understanding over the following elements:

- Fundamental of electrical circuitry
- Commonly used electronic devices on PCB board
- Detection and repairing of glitches in circuit board

Future Opportunities

After completion of the course the students will have an opportunity to

- Develop understanding over electrical circuitries
- Become a self employee
- Design basic electrical models



Department of Physics
Gargaon College
Simaluguri, Sivasagar

**Add-on
certificate course
on
Electrical
Instrumentation**
*Approved by
Dibrugarh University*

For more details contact

Course Coordinator
Jayanta Sonowal
Department of Physics
Contact No.: 8638263458
Email Id: physicsdepartmentgc@gmail.com



Course Duration
1-Month (30 Hours)

** Additional special sessions with experts*

Eligibility: 10+2 Standard

Course Intake Capacity

Limited to 30 seats

** First come first served basis*

Course Fees: NIL

Tentative Date for Admission:

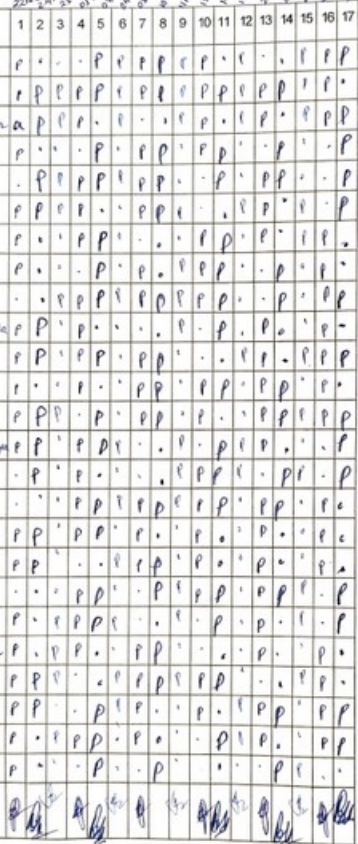
16th Feb, 2023

Register at

<https://forms.gle/7P4rXyHtsUADQx8N6>

Attendance Sheet

GARGAON COLLEGE Students Attendance Register

Roll No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
7	Himashree Hazarika	P	.	.	P	P	P	P	P	P	.	.	.	.	P	P	P	P
25	Subhangi Boruah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Kaustavmoni Bhuyan	P	P	P	P	.	.	.	P	P	.	.	.	.	.	.	.	P
50	Ritufonna Chutia	P	.	.	P	P	P	P	P	P	.	.	.	.	.	.	.	P
52	Anushka Devi	.	P	P	P	P	P	P	P	P	.	.	.	.	.	.	.	P
53	Kutkil Chaugmai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	Koushik Saikia	P	.	.	P	P	.	.	.	P	P	P	P	P	P	P	P	P
70	Anjana Sonowal	P	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
79	Wasik Jahan	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
98	Gaurav Kashyap Dutta	P	P	P	.	.	.	.	.	P	P	P	P	P	P	P	P	P
104	Bastov Rajkhowa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
104	Snaha Kalita	P	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
114	Konki Hazarika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
118	Anabijyoti Bhattacharya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
123	Aastya Sahu	.	P	P	P	.	.	.	.	P	P	P	P	P	P	P	P	P
128	Himashree Borgohain	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
136	Biplab Gogoi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
140	Trishna Moni Kalita	P	P	.	.	.	P	P	P	P	P	P	P	P	P	P	P	P
155	Tinkin Boruah	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
159	Nitakshi Gogoi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
161	Emonjyoti Buragohain	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
167	Saranga Chutia	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
171	Ritika Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
173	Biswanjit Rajkhowa	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
195	Chinmay Boruah	P	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Signature of Lecturer																		

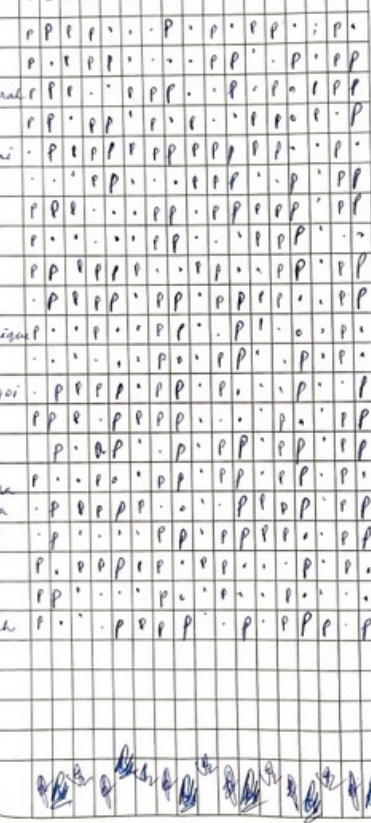
: SIMALUGURI

For the month of February & March 2023.....
 TOTAL LECTURES DELIVERED.....

18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL ATTEN DANCE	P.C. OF ATTEN DANCE	REMARKS	
P	P	P															
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Signature of Lecturer																	

GARGAON COLLEGE

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179	Baishali Devi	P	P	P	P	.	.	.	P	P	P	P	P	P	P	P	P	P
183	Hrishikesh Boruah	P	P	P	P	.	.	.	P	P	P	P	P	P	P	P	P	P
191	Aakash Kusum Bora	P	P	P	P	.	.	.	P	P	P	P	P	P	P	P	P	P
193	Sadikur Ahmed	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
203	Bhaskar Chaugmai	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
189	Puja Gogoi	.	.	P	P	.	.	.	P	P	P	P	P	P	P	P	P	P
204	Tonmoy Boruah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
209	Rajpal Gogoi	P	.	.	.	.	P	P	P	P	P	P	P	P	P	P	P	P
247	Subhaski Gogoi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
251	Biplab Gogoi	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
254	Chagyashree Handique	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
256	Charanya Boruah	.	.	.	.	.	P	P	P	P	P	P	P	P	P	P	P	P
257	Partha Pratim Gogoi	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
238	Eshan Boruah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
258	Lipin Sonowal	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
252	Karishma Karali	P	.	.	.	.	P	P	P	P	P	P	P	P	P	P	P	P
264	Sourav Jyoti Deka	.	P	P	P	P	.	.	.	P	P	P	P	P	P	P	P	P
268	Aoika Bhagwati	.	.	.	.	.	P	P	P	P	P	P	P	P	P	P	P	P
189	Puja Gogoi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
278	Shantanu Dutta	P	P	.	.	.	P	P	P	P	P	P	P	P	P	P	P	P
287	Aibyajyoti Boruah	P	.	.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
Signature of Lecturer																		

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For the month of Feb, March & April 2023.....
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Signature of Lecturer																	