



গড়গাঁও মহাবিদ্যালয়  
GARGAON COLLEGE

## **2.5. Evaluation Process and Reforms**

### **2.5.1.**

#### **a) Mechanism of Internal Assessment**

**DEPARTMENT OF MATHEMATICS  
SESSION 2023-24**





## A. Minutes of departmental Meeting Regarding Internal Assessment

**Departmental Meeting: Date: 17.04.24**

A departmental meeting has been conducted today on 17.04.24 at 10.00 am and take the following decisions:

1. Discussion related to 4<sup>th</sup> semester practical examination.
2. Discussion related to submission of internal assessment of all semester.

**1. Dr. Kabita Phukon:**

*Phukon*

**2. Mr. Harekrishna Mili:**

*Mili*

**3. Miss Sujata Goala:**

*Goala*

*Phukon*

Dr. Kabita Phukon  
Assistant professor &H.O.D.  
Deptt. Mathematics  
Gargaon college ,simaluguri

Head  
Deptt. of Mathematics  
Gargaon College



## Minutes of Meeting

A Departmental meeting was held on 18/05/2023 at the Department of Mathematics under the presidentship of Dr. Kabita Phukon. The meeting was organised to give the internal marks for the students.

All the faculty members are decided to give the internal marks for the students on the basis of the following topics:

1. Firstly, On the basis of percentage of attendance.
2. Secondly, On the basis of sessional examination marks/class test marks.
3. Thirdly, On the basis of seminar presentation /group discussion.

*Phukon*

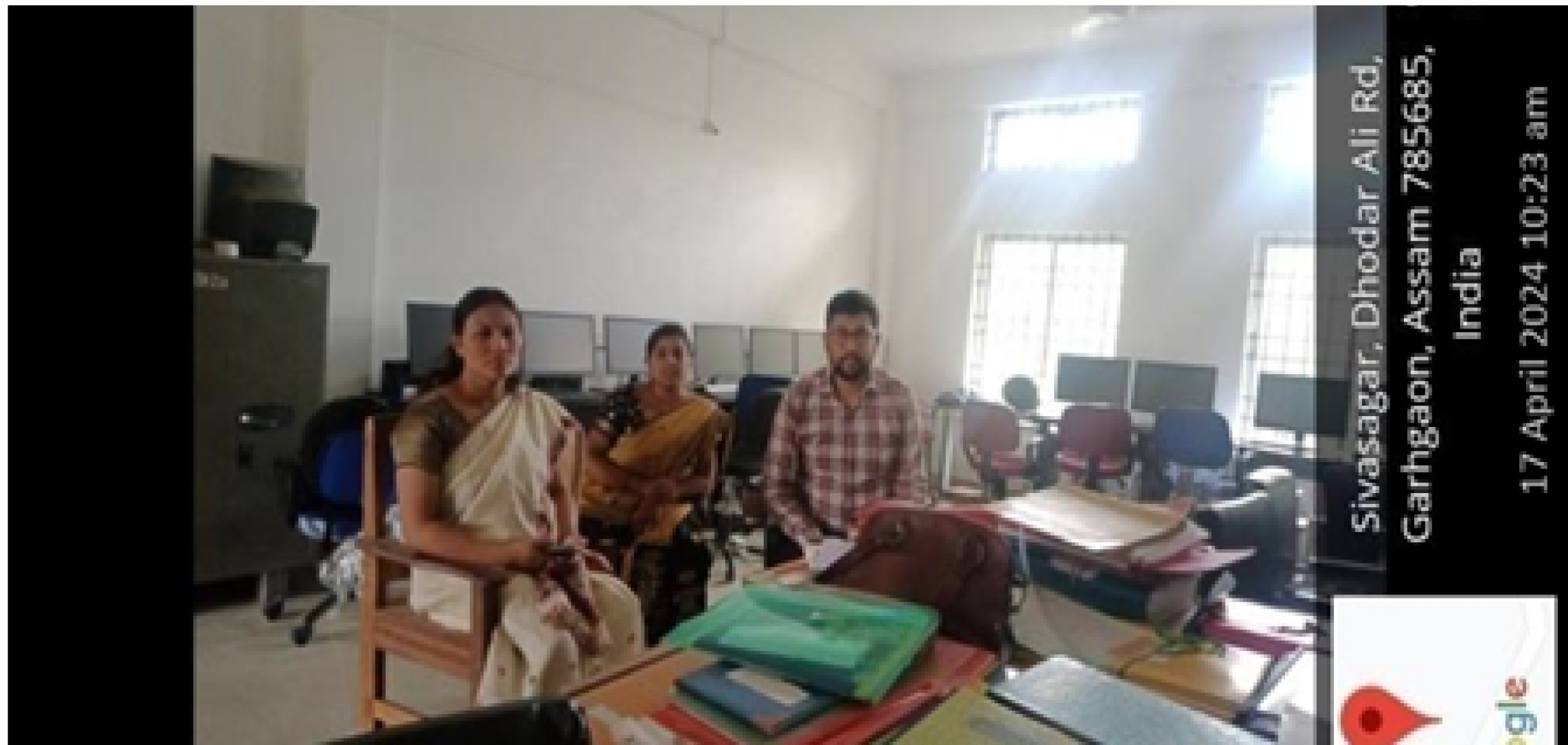
Dr. Kabita Phukon  
Assistant professor &H.O.D.  
Deptt. Mathematics  
Gargaon college ,simaluguri

Head  
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## Sample Photograph of Departmental Meetings







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## B. Departmental Timetable of Internal Examination

Gargaon College

Sessional Examination-2023

Department of Mathematics

1<sup>st</sup>, 3<sup>rd</sup> & 5<sup>th</sup> Semester

It is hereby informed that the 1<sup>st</sup> Sessional Examination of odd Semester, 2023 will be held from 16th October, 2023 as per the following schedule. All are directed to attend the exam otherwise marks will be deducted from Internal assessment.

Date	9.00 AM-10.30 AM	11.00 AM -12.30 PM	2.00 PM -3.30 PM
Monday 16/10/2023		1 <sup>ST</sup> Sem (Major) DR: MTHC1 3 <sup>RD</sup> Sem (H) DR: C5 5 <sup>TH</sup> Sem (H) DR: C11	1 <sup>ST</sup> Sem AEC Science-4,5,6 Arts- 8,9,10,11,12,13,14,15
Tuesday 17/10/2023	1 <sup>ST</sup> Sem (Minor) DR MINMTH1	3 <sup>RD</sup> Sem (H) DR: C6 5 <sup>TH</sup> Sem (H) DR:C12	1 <sup>ST</sup> Sem(GEC) All Subjects
Thursday 19/10/2023	3 <sup>RD</sup> Sem (GE) DR GE-3.1	3 <sup>RD</sup> Sem (H) DR: C7 5 <sup>TH</sup> Sem (DSE 1) DR	1 <sup>ST</sup> Sem (SEC) Room No- All Science Departments
Friday 20/10/2023	3 <sup>RD</sup> Sem (SEC)	5 <sup>TH</sup> Sem (DSE 2) DR	

(Dr. Kabita Phukon)

HoD, Department of Mathematics

Gargaon College, Simaluguri

Head  
Deptt. of Mathematics  
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DEPARTMENT OF MATHEMATICS			
Gargaon College			
Sessional Examination, 2024			
2nd, 4th & 6th Semester (SCIENCE)			
Date /Day	Time		
	9:00 AM - 10:30 AM	11:00 AM - 12:30 PM	2:00 PM - 3:30 PM
23-04-2024 TUESDAY	2nd Sem. (Major) C2 DR		2nd Sem. (AEC) SCIENCE- 04, 05, 06
	4th Sem. (H) C8 DR		
	6th Sem. (H) C-13 DR		6th Sem. (H) C-14 DR
24-04-2024 WEDNESDAY	2nd Sem. (Minor) M2 DR		2nd Sem. (GEC) Physics-DR/15 Chemistry-DR/12 Stats-DR Botany-DR Zoology-DR
	4th Sem. (H) C-9 DR		
25-04-2024 THURSDAY	4th Sem. (GE) DR		2nd Sem. (SEC) DR
	6th Sem. DSE 3 DR		4th Sem. (H) C-10 DR
			6th Sem. DSE 4 DR
26-04-2024 FRIDAY	4th Sem. (SEC) TTM-08,09,10,12 Library Inf.-11 Web Design-03,04 Enterp. Dev.-05 NSS-ICM Vermicompost-Zoo. Dept.		





### C. Distribution of Examinations Duties

#### Department of Mathematics

#### Gargaon College

#### Notice

It is hereby informed the following faculty members are entrusted with the invigilation duty for the smooth conduction of the sessional examination for the odd semester 2023-2024 which is going to be held from 16.10.23 to 20.10.2023. Teachers are requested to kindly note down the dates allotted and extend every possible cooperation in this regard.

Date	9:00-10:30	INVIGILATOR	11:00-12:30	INVIGILATOR	02:00-03:30	INVIGILATOR
16.10.23			1 <sup>st</sup> SEM MTHC1	KABITA PHUKON		
			3 <sup>rd</sup> SEM C5	HAREKRISHNA MILI		
			5 <sup>th</sup> SEM C11	SUJATA GOALA		
17.10.23	1 <sup>st</sup> SEM MINMTH2	HAREKRISHNA MILI	3 <sup>rd</sup> SEM C6	KABITA PHUKON		
			5 <sup>th</sup> SEM C12	SUJATA GOALA		
19.10.23	3 <sup>rd</sup> SEM GE 3	KABITA PHUKON	3 <sup>rd</sup> SEM C7	RITWICK DUWARAH	1 <sup>st</sup> SEM SEC 1	HAREKRISHNA MILI
			5 <sup>th</sup> SEM DSE 2	SUJATA GOALA		
20.10.23			5 <sup>th</sup> SEM DSE 2	RITWICK DUWARAH		

*Kabita Phukon*

Dr. Kabita Phukon  
Assistant professor &H.O.D.  
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Gargaon college ,simaluguri

Head  
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Gargaon College



Department of Mathematics

Gargaon College

Notice

It is hereby informed that the following faculty members are entrusted with the invigilation duty for the smooth conduction of the sessional examination for the even semester 2023-2024 which is going to be held from 23.04.24 to 25.04.24. Teachers are requested to kindly note down the dates allotted and extend every possible cooperation in this regard.

Date	09:00 - 10.30 AM	Invigilator	02:00 – 03:30 PM	Invigilator
23.04.24	2 <sup>nd</sup> SEM MTHC2	KABITA PHUKON	6 <sup>TH</sup> SEM C14	HAREKRISHNA MILI
	4 <sup>TH</sup> SEM C8	PARTHA PRATIM GOGOI		
	6 <sup>TH</sup> SEM C13	SUJATA GOALA		
24.04.24	2 <sup>nd</sup> SEM MINMTH2	PARTHA PRATIM GOGOI		
	4 <sup>TH</sup> SEM C9	SUJATA GOALA		
25.04.24	4 <sup>TH</sup> SEM GE	KABITA PHUKON	2 <sup>nd</sup> SEM SEC 2	SUJATA GOALA
	6 <sup>TH</sup> SEM DSE 3	HAREKRISHNA MILI	4 <sup>TH</sup> SEM C10	PARTHA PRATIM GOGOI
			6 <sup>TH</sup> SEM DSE 4	HAREKRISHNA MILI

*Phukon*

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**D. Students' Seminar**

6<sup>TH</sup> SEMESTER SEMINAR TOPIC (2024 JAN -JUNE)  
EVEN SEM

05/03/2024

SL NO.	ROLL NO	NAME	TOPIC	SIGNATURE
1	12	INDRANI DUTTA	METRIC SPACE DEFINITION AND EUCLIDEAN METRIC	Indrani Dutta
2	13	UDAYAN KHANIKOR	CONVOLUTION THEOREM OF LAPLACETRANSFORMATION AND INVERSE LAPLACETRANSFORMATION	Udayan Khanikor
3	17	PRASUJYA DIHINGIYA	ADJECENCY MATRIX	Prasujya Dasingia
4	18	SUKANYA PHUKON	YOUNG'S INEQUALITY	Sukanya Phukon
5	33	HRIYIKRAJ PHUKON	TRANSPOSE OF A LINEAR TRANSFORMATION	Hriyikraj Phukon
6	48	RITURAJ SAIKIA	PROPERTIES OF GRAPHS	Rit Sankar
7	49	UJJWAL LAHON	TYPES OF GRAPHS	Ujjwal Lahon
8	67	MOUSUM GOGOI	A NON-ZERO IDEMPOTENT CANT BE A NIILPOTENT	Mousum Gogoi
9	152	URBASHI BORAH	1 <sup>ST</sup> AND 2 <sup>ND</sup> SHIFTING THEOREM OF LT AND INVERSE LT.	Urbashi Boruah
10	155	RUMONDEEP BORAH	SET A IS CLOSED IFF CLOSURE OF A IS EQUAL TO A	Rumon Deep
11	158	PRODYUT BORAH	CLOSURE OF SET DEFINITION AND CLOSURE OF A SET IS CLOSED	Prodyut Borah
12	162	TINASHREE DUTTA	A SUBSET OF A METRIC SPACE IS CLOSED IFF IT CONTAINS ALL OF ITSLIMIT POINTS	Tinashree Dutta
13	178	DIPJYUTI BORPATRA GOAHAIN	EULERIAN GRAPHS AND RELATED RESULTS	Dipjyuti Borpatra
14	179	BIBEKANANDA GOGOI	EVEN ODD FOURIER SERIES WITH EXAMPLE	Bibekanda Gogoi
15	185	GAURANGA RAJ KONWAR	FOURIER TRANSFORM WITH EXAMPLE	Gauranga R.K
16	194	TINAMONI PANGING	ANIHILATOR AND RELATED RESULTS	Tinamoni Panging
17	207	DIMPAL GOGOI	INDUCED METRIC SPACE WITH EXAMPLE	Dimpal Gogoi
18	215	ANKUR PHUKON	INVERSE FOURIER TRANSFORM	Ankur Phukon
19	235	NIKITA GOGOI BORBOHAIN	DEFINITIONS AND EXAMPLES OF GRAPHS	Nikita Gogoi
20	248	MILUTPAL GOGOI	HAMILTONIAN GRAPHS	Milutpal Borbohain
21	254	LUCKY HATIBARUAH	CHANGE OF SCALE PROPERTY OF FOURIER TRANSFORM	Lucky Hatiboruah
22	276	GAURANGA BISHAL BURAGOHAIN	PROPERTIES OF LAPLACE TRANSFORMATION	
23	279	RITUPORNA GOGOI	HALF RANGE SINE AND COSINE SERIES WITH EXAMPLE	Rituporna Gogoi
24	345	ANURAG SAIKIA	CHANGE SCALE PROPERTIES OF LT AND INVERSE LT	Anurag Saikia
25	346	ANUBHAV KONWAR	EUCLIDEAN PLANE $R^2$ IS A METRIC SPACE	

*[Signature]*  
Head  
Dept. of Mathematics  
Gargaon College





2<sup>ND</sup> SEMESTER SEMINAR TOPIC (2024 JAN -JUNE)  
EVEN SEM

05/03/2024

SL NO.	ROLL NO.	SNAME	TOPIC	SIGNATURE
1	2	BIKRAM NATH	LINEAR EQUATIONS AND INTEGRATING FACTORS	Bikram Nath
2	4	SANGITA GOGOI	ARCHIMEDIAN PROPERTY	Sangita Gogoi.
3	6	KARINA SAIKIA	LIMIT OF SEQUENCE	Karina Saikia.
4	11	GUNASAGAR PHUKON	LIMIT SUPREMUM, LIMIT INFIMUM	Gunasagar Phukon
5	12	PLABON DAS	INTERVAL	plabon das.
6	16	CHANDAN SHARMA	CONVERGENT SEQUENCE	Chandan Sharma
7	20	HEMANGA RAG BORAH	MONOTONE SEQUENCES	Hemanga Rag Borah
8	56	MOUKUM BORAH	BOUNDED SEQUENCE	
9	68	NAVAJYUTI KONWAR	LIMIT THEOREMS	Navajyuti Konwar
10	76	ARUNAV KONWAR	TYPES OF DIFFERENTIAL EQUATION DEFINITIONS AND 5 EXAMPLES	Arunabh Konwar.
11	86	RITUPALLAV DAS	COUNTABLE /UNCOUTABLE SET	Ritupallav Das
12	228	PARBOTI KURMI	SEQUENCE	Parboti Kurmi
13	231	SIMRANA BEGUM	PROPERTIES OF REAL NUMBER	Simrana Begum.
14	236	PRIYANUJ PHUKON	DEFINITION AND EXAMPLE OF DIFFERENTIAL EQUATIONS	Priyanuj Phukon
15	239	PARISHMITA HANDIQUE	EXACT DIFFERENTIAL EQUATION	
16	251	LONY ARANDHARA	GENERAL AND PARTICULAR SOLUTION OF A DIFFERENTIAL EQUATION	Loni Arandhara..
17	259	RIMLY RAJKUMARI	PARTICULAR SOLUTION OF A DIFFERENTIAL EQUATION	Rimly Rajkumari
18	261	ANKUR GOGOI	COMPLETENESS PROPERTIES OF R	

  
Head  
Dept. of Mathematics  
Gargaon College





4<sup>TH</sup> SEMESTER SEMINAR TOPIC (2024 JAN -JUNE)  
EVEN SEM

05/03/2024

SL NO.	ROLL NO	NAME	TOPIC	SIGNATURE
1	7	HIMASHRRE HAZARIKA	PARTITIONS OF INTERVAL	Himashree Hazari Ka.
2	11	PARTHA PROTIM GOGOI	PROPERTIES OF RING THOERY	Partha Protim Gogoi
3	18	BISHNU SAIKIA	NEWTON RAPHSON METHOD	Bishnu Saikia
4	23	SOLONI BORDOLOI	LINEAR TRANSFORMATION	Soloni Bordoloi
5	25	SUBHANGI BARUAH	DEFINITION AND EXAMPLES OF RINGS.	Subhangi Baruah
6	30	AIME PHOME	PROPERTIES OF RING.	Aime Phome
7	40	HIMADRI MOHAN	POWER SERIES DEFINITION WITH EXAMPLE, RADIUS OF CONVERGENCE OF A POWER SERIES	Himadri Mohan
8	50	RITUPORNA CHETIA	LIINEAR TRANSFORMATION: DEFINITION AND EXAMPLE	Rituporna Chetia
9	57	BIDYUT GOGOI	GAUSS JORDAN METHOD	
10	59	IRFAN ROHMAN	RIEMANN CRITERION FOR IINTEGRABILITY	Irfan Rohman.
11	68	PROTOYJIT DJHINGIA <small>Devasharma</small>	IDEAL AND RELATED RESULTS	Pratyajit Devasharma.
12	96	BISHWA BURAGOHAIN	SUBRINGS AND ITS THEOREMS.	Bishwa Buragohain
13	105	RUPAM HANDIQUE	THE RANK NULLITY THEOREM WITH EXAMPLE	Rupam Handique.
14	121	SAMIR AHMED	INTREGRAL DOMIAINS AND THEOREM.	
15	139	RAJA GHATUWAR	VECTOR SPACE AND SUBSPACE: DEFINITION AND EXAMPLE	Raja Ghatuwar.
16	146	PRANJIT GOGOI	BISECTION METHODE	Pranjit Gogoi
17	166	RAJ KONWAR	FIELDS AND THEOREM	Raj Konwar
18	191	AKASH KUSHUM DOWARAH	INTRODUCTION TO RING THEORY	Akash K. Dumarak
19	204	AMLAN BURAGOHAIN	LIMIT SUPERIOR AND LIMIT INFERIOR	
20	242	MANABJYOTI PHUKON	MATRIX REPRESENTAION OF A LINEAR TRANSFORMATION: EXPLANATION AND EXAMPLES	Manabjyoti Phukon
21	283	BHARGIV CHETIA	GAUSS ELIMINATION METHOD	Bhargiv Chetia
22	295	HARIPTIYA GOGOI	IDEAL AND FACTOR RING	Hariptiya Gogoi

  
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**D. Display of Sessional Marks on Notice Board**

SESSIONAL EXAMINATION MARKS (2024)				
6 <sup>th</sup> SEMESTER				
Sl No.	Roll No.	Name	C-13	C-14
1.	12	Indrani Dutta	10	10
2.	13	Udayan Khanikar	19	19
3.	17	Prasurjya Dehingia	18	00
4.	18	Sukanya Phukon	14	18
5.	33	Hritikraj Phukon	16	15
6.	48	Rituraj Saikia	05	12
7.	49	Ujjwal Lahon	20	20
8.	67	Mousum Gogoi	09	15
9.	152	Urbashi Borah	11	13
10.	155	Rumon Deep Borah	18	15
11.	158	Pradyut Borah	09	05
12.	162	Tinashree Dutta	18	23
13.	178	Dipjyoti Borpatra Gohain	13	00
14.	179	Bibekananda Gogoi	04	10
15.	185	Gauranga Rajkonwar	11	05
16.	194	Tinamoni Panging	23	39
17.	207	Dimpal Gogoi	16	17
18.	215	Ankur Phukon	08	05
19.	235	Nikita Gogoi	12	10
20.	248	Milutpal Borgohain	06	10
21.	254	Lucky Hatibaruah	10	08
22.	274	Rituparna Gogoi	Absent	Absent
23.	276	Gaurango Vishal	Absent	Absent
24.	345	Anurag Saikia	09	05
25.	346	Anubhab Konwar	Absent	Absent

*Bhukon*  
25/04/24





SESSIONAL EXAMINATION MARKS (2024)  
6<sup>th</sup> SEMESTER

Sl No.	Roll No.	Name	DSE-3	DSE-4
1.	12	Indrani Dutta	04	14
2.	13	Udayan Khanikar	11	29
3.	17	Prasurjya Dehingia	08	13
4.	18	Sukanya Phukon	06	20
5.	33	Hritikraj Phukon	10	03
6.	48	Rituraj Saikia	09	13
7.	49	Ujjwal Lahon	11	29
8.	67	Mousum Gogoi	Absent	Absent
9.	152	Urbashi Borah	06	17
10.	155	Rumon Deep Borah	08	20
11.	158	Pradyut Borah	10	13
12.	162	Tinashree Dutta	05	25
13.	178	Dipjyoti Borpatra Gohain	01	04
14.	179	Bibekananda Gogoi	04	13
15.	185	Gauranga Rajkonwar	04	20
16.	194	Tinamoni Panging	20	30
17.	207	Dimpal Gogoi	06	13
18.	215	Ankur Phukon	04	09
19.	235	Nikita Gogoi	06	20.5
20.	248	Milutpal Borgohain	07	03
21.	254	Lucky Hatibaruah	06	21.5
22.	274	Rituparna Gogoi	Absent	Absent
23.	276	Gaurango Vishal	Absent	Absent
24.	345	Anurag Saikia	11	13
25.	346	Anubhab Konwar	Absent	Absent

*Shukra*  
26/04/2024



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**E. Home Assignment/Seminar Discussion through ICT**

**Link to the online seminar held on Google Meet**

1. Seminar Presentation link 1
2. Seminar Presentation link 2
3. Seminar Presentation link 3
4. Seminar Presentation link 4

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## F. Grievance Redressal Report

**Department of Mathematics**

**Gargaon College, Simaluguri**

**Departmental Grievance Examination Form Report: (During 2023-2024)**

No Grievance form was received from the Students during the Session 2023-2024. So no particular action is taken during this period.

Dr. Kabita Phukon  
Assistant professor &H.O.D.  
Deptt. Mathematics  
Gargaon college ,simaluguri

Head  
Deptt. of Mathematics  
Gargaon College



Sample of Grievance Redressal Form

DEPARTMENT OF MATHEMATICS  
Examination Grievance Redressal Form

Grievance Raised By

Name of the student-		
Branch:	Semester:	Sign of Student

Description of Grievance:-

.....  
.....  
.....

Investigation of Grievance:-

.....  
.....  
.....

Investigation done by

Name:	Name:
Designation:	Designation:
Contact No.	Contact No.
Sign:	Sign:

Corrective Action Taken:-

.....  
.....

Preventive Action Taken:-

.....  
.....

Committee Member Name & sign:-

- 1.
- 2.
- 3.

HoD, Mathematics