ASSIGNMENT/ SEMINAR/ GD RECORD

For the session: 2021—22

(SAMPLE)

1. BOTANY
2. CHEMISTRY
3. ENGLISH
4. GEOGRAPHY
5. HINDI
6. HISTORY
7. MATHEMATICS
8. PHYSICS

Department of Botany

Paper: C-3 Date: 23/04/2022

Topic: Affinities of fungi with Plants & Animals.

Roll No.	Name	Signature
27	Brinandita Deb	Brinandita Deb. 3
29	Chayanika Gogoi	Chayanika Gogoi 1
33	Dibakar Bhattarai	Dibakar Bhattarai 2
34	Diksha Upadhaya	Diksha Upadhaya 3
35	Gourab Moran	Gourab Moran 4
38	Geetali Borah	
55	Karina Umbon	Karina Umbon 1
73	~~Nishtha Barnah~~ Nisha Debnath	Nisha Debnath
75	Nishtha Barnah	
79	Pankaj Singh Ghatowal	Pankaj Singh Ghatowal 2
92	Pritom Acharya	Pritom Acharya
93	Pridy chetry	Pridy Chetry 3
132	Susmita chetia	Susmita Chetia 4
144	Akalesh Das	Akalesh Das 4
147	Ankit kumar Singh	Ankit kr. singh 2
180	Nangwitami Moungkang	Witami 1
191	Sahina Parbin.	Sahina parbin 4
~~43~~		
~~27~~		

23.04.2022

PAPER - C12

DATE : 26/04/22

TOPIC - C4 cycle & Photorespiration

Roll No.	NAME	SIGNATURE.
56	NURJAHAN BEGUM	Nurjahan Begum
60	MONALISHA MEDHI	Monalisha Medhi
61	PRAHLAD ~~KHALPAKAR~~ KHARKA	Prahlad Kharka
71	RAHUL KR. SHAH	Rahul Kumar Sah
73	CHANDA NEWAR	Chanda Newar
77	YESEN KHEN	Yesen Khen
86	KONKONA MORAN	Kongkona Moran
91	MADHUJYA CH. PATRA	
103	MUNMI GOHAIN	Munmi Gohain
111	RIKU DAS	Riku Das
114	JANMONI CHETIA	Janmoni Chetia.
116	SUJATA DAS	Sujata Das
124	PRATITI UPADHYA	
132	PRABHAKAR PHUKAN	Prabhakar Phukan
136	MRITUNJOY ROY.	Mritunjoy Roy
~~63~~	~~Da~~	

Sapna Tikkri.
26/04/22.

4th SEMESTER 2022

PAPER - Phylogeny of Angiosperm. DATE - 27/04/2022

TOPIC -

Roll no:	Name.	Student Signature.
26	Anisha Chintey	Anisha chintey
35	Ankita Gupta	Ankita Gupta
49	Bikash Rantia	Bikash Rantia
63	Deboprasad Taye	Deboprasad Taye
84	Gopi Krishan Chetry	Gopi krishna chetry
95	Jiba Jyoti Deori	Jiba Jyoti Deori
96	Jiggas Jyoti Moran	Jigyas Jyoti Moran.
99	Jitendra Deka	Jitendra Deka
106	Khagen Mahanta	Khagen Mahanta
114	Lukumoni Borah	Lukumoni Borah
122	Mollika Chetry	Mollika Chetri
123	Monami Borah	Monami Borah.
130	Nayandeep Moran	Nayandeep Moran
135	Night Englaw Chakma	Night Englaw Chakma
164	Rajan Choudhury	Rajan kr. Choudhary
172	Rohit Chetry	Rohit Chetry
186	Saranga Mech	Saranga Mech
192	Siba Bora	Siba Borah
211	Sweta Kar	Sweta Kar.
213	~~Sweta~~ Shweta Seal	shweta seal

Group A - 122, 123, 135, 186 ✓

Group B - 130, 63, 164, 49 ✓

Group C - 26, 35, 211, 213 ✓

Group D - 95, 96, 84, 106 ✓

Group E - 192, 172, 99, 114. ✓

U. Borah 27/04/22

PAPER : DATE : 30/04/22

TOPIC : PHYTOGEOGRAPHICAL REGIONS OF INDIA

Roll No.	NAME	SIGNATURE
26	ANISHA CHINTEY	Anisha chintey
35	ANKITA GUPTA	Ankita Gupta
49	BIKASH RAWTIA	Bikash Rawtia.
63	DEBO PRASAD TAYE	Debo prasad Taye.
84	GOPI KISHAN CHETRY	Gopi Krishna chetry
95	JIBA JYOTI DEORI	Jiba Jyoti Deori
96	JIBGAS JYOTI MORAN	Jibgas Jyoti Moran.
99	JITENDRA DEKA	
106	KHAGEN MAHANTA	Khagen Mahanta
114	LUKUMONI BORAH	Lukumoni Borah
122	MALLIKA CHETRY	Mallika Chetri
123	MONAMI BORAH	Monami Borah
130	NAYANDEEP MORAN	Nayandeep Moran
135	NIGHT ENGLOW CHAKMA	Night Englow Chakma
164	RAJAN CHOUDHURY	Rajan kr. choudhury
172	ROHIT CHETRY	Rohit Chetri
186	SARANGA MECH	Saranga Mech
192	SIBA BORA	Siba Borah
211	SWETA KAR	Sweta Kar
213	SHWETA SEAL	Sweta Seal

Sapna Tiwari
30/04/22.

B. Sc 2nd Semester Botany (Generic) 2022

Seminar Presentation

Date: 1/7/2022

Topic: Theories of Translocation of Solute.

Roll No.	Name	Signature
187	Rashmi Sharma	Rashmi Sharma
15	Arjun Pradhan	Arjun Pradhan.
64	Migang Doley	Migang Doley
129	Sunita Chouhan	Sunitachauhan.
177	Moumita Dutta	Moumita Dutta.
60	Madhu Sharma	Madhu Sharma
31	Debeshree Deori	Debeshree Deori
20	Barsha chetry	Barsha Chetry.
91	Preshika Chetry	Preshika Chetri
200	Vaswati Ghorphalia	Vaswati Ghorphalia
68	Mridupawan Kachari	Mridupawan Kachari
151	Astomi Baruah	Astomi Baruah
172	Kama Tshewang	Kama Tshewang
110	Ruhama Mungray	Ruhama Mungray
7	Ankita Gupta	Ankita Gupta
78	Palash Phukan	Palash Phukan
49	Kalyan Sonowal	Kalyan Sonowal.
72	Niranjan Tirkey	Niranjan Tirkey.
118	Shivlal Subedi	Shivlal Subedi
127	Sumit Upadhya	Sumit Upadhaya
39	Girin Regon	Girin Regon
21	Bharati Deori	Bharati Deori
19	Babika Neog	Babika Neog
140	Utpal Chetia	utpal chetia
149	Arpan Tudu	Arpan Tudu
04	Amlanjyoti Moran	Amlanjyoti Moran
107	Rohit Choudhury	Rohit Choudhury
1	Abhay Kr. Jaiswal	Abhay Kumar Jaiswal

1.7.22

Paper : DSE : 6 Date : 19/04/2022

Topic : values & threats of Biodiversity

Sl. No	Roll No	Name	Signature
1	56	Nurjahan Begum	Nurjahan Begum
2	60	Monalisha Medhi	Monalisha Medhi
3	61	Prahlad Khakkar	
4	71	Rahul kr. Sah	Rahul kr. Sah
5	73	Chanda Nawaz	Chanda Nawaz
6	77	Yesem Khan	Yesem Khan
7	86	Konkona Hazarika	Konkona Hazarika
8	91	Madhujya Chetia Patra	Madhujya
9	103	Munmi Gohain	Munmi Gohain
10	111	Riku Das	Riku Das
11	114	Janmoni Chetia	Janmoni Chetia
12	116	Sujata Das	Sujata Das
13	124	Prakriti Upadhaya	Prakriti Upadhaya
14	132	Prabhakar Phukan	Prabhakar Phukan
15	136	Mritunjoy Roy.	Mritunjoy Roy

19.04.2022

Date - 29/4/2022

Paper - DSE-5

Topic: Plant Introduction and Acclimatization.

Sl. No	Roll No	Name	Signature with Date
1	56	Nurjahan Begum	Nurjahan Begum 29.4.22
2	60	Monalisha Medhi	Monalisha 29/04/22
3	61	Pralad Kharka	Pralad Kharka 29/04/22
4	71	Rahul Kumar Sah	Rahul kumar Sah 29/04/22
5	73	Chanda Newar	Chanda Newar 29.04.22.
6	77	Yesen Khen	Yesen Khen 29.04.22
7	86	Kongkona Mokan	Kongkona Mokan 29/04
8	91	Madhujya Chetia Patna	Madhujya
9	103	Munmi Gohain	Munmi Gohain 29/4/22
10	111	Riku Das	Riku
11	114	Janmoni Chetia.	Janmoni Chetia 29.4.22
12	116	Sujata Das	Sujata Das 29.4.22
13	124	Prakriti Upadhaya	Prakriti Upadhaya 29.4.21
14	132	Prabhakar Phukan	Prabhakar 29/4/22
15	136	Maitumjoy Roy	Maitumjoy 29/4/2022

29/4/22

Seminar Presentation

B.Sc. 4th Sem : Botany (Generic) 2022

Date : 30/04/2022.

Topic : Ecological Pyramids

Roll No.	Name	Signature
04	Abhinab Chutia	Abhinab Chutia
18	Ankita Konwar	Akhita Konwar
45	Baba Bishal Regon	Baba Bishal Regon
72	Dibumba Khanam Choudhury	Dibumba Khanam
86	Himanjana Deori	Himanjana Deori
87	Himanshi Sharma	Himanshi Sharma
92	Jayanta Borah	Jayanta Borah
101	Jubin Haloi	Jubin Haloi
104	Kabita Bhandari	Kabita Bhandari
112	Lohit Barnah	Lohit Barnah
116	Manasi Dutta	Manasi Dutta.
160	Purbasha Seal	Purbasha Seal
171	Ritija Borah	Ritija Borah
177	Rouchan chetry	Rouchan Chetry
180	Sakina khatoon	Sakina Khatoon
182	Sandhia chetri	Sandhiya Chhetri
209	Susmita Sonar	Susmita Sonar.
~~212~~	~~Sweta Baldar~~	
218	Uma kulsum Nesha	Uma Kulsum Nesha.
126	Nabanita Dey	Nabanita Dey

30.4.22

B.S.C 5th Semester | C12 Plant physiology | 19/09/22

Group-1 Topic - Tropism and plant movement

Rollno-	Name	Signature
26	Anisha chintey	Anisha Chintey
35	Ankita Gupta	Ankita Gupta
192	Siba borah	Siba Borah
211	Suweta Kar	Sweta Kar
213	Sweta seal	Sweta seal

Group2 - Topic - Vernalization & seed doormancy

Rollno-	Name	Signature.
49	Bikash Rawtia	Bikash Rawtia
63	Debo prasad Taye	Debo prasad Taye
164	Rajan choudhary	Rajan Kr. Choudhary
172	Rohit chetry	Rohit Chetri
186	Saranga Mech	

Group-3 Topic - Discovery & role of Auxin, Cytokinnin and ABA.

Rollno-	Name	Signature.
95	Jiba Jyoti Deori	Jiba Jyoti Deori
84	Gopi krishna chetry	Gopi Krishna Chetry
123	Monami Borah	Monami Borah
135	Night Engllow chakma	Night Engllow
130	Nayandeep Moran	Nayandeep Moran

Group-4 Topic - Physiology of flowering (flowering stimulus and florigen.

Rollno-	Name	Signature
96	Jigyas Jyoti Moran	Jigyas Jyoti Moran
106	Khagen Mahanta	Khagen Mahanta
114	Lukumoni Borah	Lukumoni Borah
122	Mollika chetri	Mollika Chetri

Sapna Tiwari
19/9/22

Date: 19th october 2022.

Paper : C4 Microbiology and Phycology.
Seminar Presentation.

Group 1. Topic : Economic Imp. of Bacteria.

Roll No.	Name	Signature
80	Dekhita Gogoi	Deekhita Gogoi
144	Astashree Sonowal	Astharee Sonowal
20	Chayanika Sonowal	Chayanika Sonowal
134	Priyanka chetry	Priyanka Chetry

Group 2 Topic : Growth and Nutrition in Bacteria.

Roll No.	Name	Signature
12	Barbie Bailung	Absent
17	Bijay chetry	Bijay Chetri
71	Sonia Chetry	Absent
70	Shristika chetry	Absent
107	Mukun Baag.	Mukun Baag

Group 3. Topic : Introduction to Algae.

Roll No.	Name	Signature
30	Harsh chandra	Harsh Chandra Rao
32	Luis Dwari	Luis Dwari
60	Rituraj Borah	Rituraj Borah
92	Biki Subba	Biki Subba.
55	Rahul Gorh	Rahul Gorh

Group 4. Topic : Economic Importance of virus.

Roll No.	Name	Signature
39	Lakhimoni Phukan	Lakhimoni Phukan
40	M. Kusum Rao	M Kusum Rao
127	Suman Kumari	Suman Kumari
137	Md. Jaid Khan	Jaidkhan
154	Anita Dohotia.	Anita Dohotia

Sapna Tiwari
19/10/22

Date : 20th October 2022. SEMINAR PRESENTATION

Paper : C5 - Anatomy of Angiosperms.

Group 1 TOPIC : Types of tissue system

Roll No.	Name	Signature.
55	Karina Umbon	Karina Umbon.
73	Nisha Debnath	Nisha Debnath
132	Susmita chetia	Susmita chetia
92	Pritom Acharya	Pritam Acharjya.
35	Gaurab Moran.	Gaurab Moran

Group 2 : TOPIC - Anatomical adaptation of Hydro & Phyto.

Roll No.	Name	Signature.
180	Witani Moungkang	Witani
191	Sahina Parbin	Sahina Parbin
34	Diksha upadhyay	Diksha Upadhaya
33	Dibakar Bhattarai	Dibakar Bhattarai
144	Akkalesh Das.	Akalesh Das.

Group 3 : TOPIC - Types of tissues.

Roll No.	Name	Signature.
27	Brinandita Deb	Brinandita Deb
29	chayanika Gogoi	Chayanika Gogoi
93	Prity chetry	Prity Chetry.
147	Ankit Kumar Singh.	Ankit Kr. Singh

Supra Tiwari
20/10/22.

Seminar Presentation : 3rd Sem Botany Honours.

Paper : 306

Title : Economic botany. Date : 29/10/22.

Group 1 : Morphology and Cultivation of Potato.
Topic :

Roll NO.	Name	Signature
58	Karina Umbar	Karina Umbar
180	Witani Maungkang	Witani

Group 2 : Extraction, processing of cane sugar and
Topic : by products of sugar industry.

Roll NO	Name	Signature
132	Susmita Chetia	Susmita chetia
35	Gaurab Moran	Gaurab Moran

Group 3 :
Topic : Morphology and uses of Chickpea.

Roll NO.	Name	Signature
93	Prity Chetry	Prity Chetry
34	Diksha Upadhyay	Diksha Upadhyay

Group 4 :
Topic : Economic importance of natural rubber.

Roll NO.	Name	Signature
33	Dibakar Bhattarai	Dibakar Bhattarai
144	AKlesh Das	Aklesh Das
27	Prinandita Deb	Prinandita Deb.

Group 5 : Chickpea : Its morphology and economic
Topic : importance.

Roll NO.	Name	Signature
147	Ankit Kr. Singh	Ankit Kr. Singh
92	Pritam Acharjya	Pritam Acharjya

Group 6 :
Topic :

Roll NO.	Name	Signature
73	Nisha Debnath	Nisha Debnath

Roll NO.	Name	Signature
29	Chayanika Gogoi	Chayanika Gogoi
191	Sahina Parbin	Sahina parbin

29/10/22.

Special Paper.

Msc. 3rd Semester. Date : 2/12/22.

Paper 306 F & 306 E.

Roll No - 13 Signature.
Ananya Dutta Ananya Dutta
Topic : Antigen - Antibody reaction.

Roll No - 14. Signature
Anju Mahanta Anju Mahanta
Topic : Hybridoma Technology

Roll No - 15: Signature.
Barsa Moran Barsha Moran.
Topic : Microorganisms in rDNA technology

Roll No - 16 Signature
Mayurima Handique Mayurima Handique
T: Use of generic engineering in human welfare.

Roll No. 17 - Signature.
Prastuti Bordoloi Prastuti Bordoloi
Topic : Milestone in Immunology.

Roll No : 20 Signature.
Velishna Doley Velishna Doley
Topic : Basic steps of rDNA technology.

Sapna Tiwari.
1/11/22.

Department of Chemistry

From Jan 2022 to ~~Dec~~ May 2022 continued to July 22

2nd Sem (GE) (CBCS) Core

Sl No	Roll No	Name	organic	physical	Student's Signature
1	186	Rajen chetry	✓	✓	[signature]
2	136	Topan Duwarah	✓	✓	Topan Duwarah
3	83	Probin kr. Yadav	✓	✓	[signature]
4	141	Vicky Gupta	✓	✓	[signature]
~~5~~	~~57~~	~~Kanchan Gurung~~	✓	✓	
6	171	Kalpana Dhakal	✓	✓	Kalpana Dhakal
7	166	Janmani Handique	✓	✓	Janmani Handique
~~8~~	~~152~~	~~Barsha Bamshata~~	✓	✓	
9	95	Priya thakur	✓	✓	[signature]
10	135	Tushna Gogoi	✓	✓	[signature]
11	105	Rimfli Das	✓	✓	[signature]
12	36	Gaurav Kashyap	✓	✓	G. Kashyap
13	57	Kemling Tonglum	✓	✓	Kemling T.
14	126	Subhojit Nath	✓	✓	Subhajit Nath
15	53	Karanjit Kumar	✓	✓	[signature]
16	64	Mrigang Doley	✓	✓	MD
17	188	Riya chaudhary	✓	✓	[signature]
18	139	Uttpal Buragohain	✓	✓	Utpal Bura
19	5	Anisha Saikia	✓	✓	Anisha Saikia
20	15	Arjun Pradhan	✓	✓	Arjun Pradhan
21	18	Abhishek Yadav	✓	✓	[signature]
22	47	Jemuna Darjee	✓	✓	Jemuna Darjee
23	54	Karina Sah	✓	✓	[signature]
24	56	Kasmiri Dutta Gupta	✓	✓	[signature]
25	63	Md. Masum Ahmed	✓	✓	Masum
26	65	Mintu Hazarika	✓	✓	MH.
27	78	Polash Phukan	✓	✓	P. Phukan
28	81	Parikhit Das	✓	✓	P. Das
29	85	Promisha chetry	✓	✓	[signature]
30	89	Preety Pandey	✓	✓	[signature]
31	96	Prajit Das	✓	✓	[signature]
32	108	Rohit Sarmah	✓	✓	Rohit Sarmah
33	116	Sejal Sah	✓	✓	S. Sah
34	122	Sauvik Das	✓	✓	Souvik
35	142	Vinoto Sema	✓	✓	Vinoto

Sl No	Roll No	Name	organic	physical	Student's Signature
34	146	Anirudh Borthakur	✓	✓	A. Borthakur
35	184	Puja Nandi	✓	✓	P. Nandi

Total = 35.

[signature] 1/4/22 [signature] 5/4/22

From Jan 2022 to ~~Dec~~ May 2022 continued to July 22

2nd Sem (~~Gen~~) (CBCS) Core

Sl No	Roll No	Name	organic	physical	Students Signature
1	186	Rajeichetry	✓	✓	[signature]
2	136	Topan Duwarah	✓	✓	Topan Duwarah
3	83	Probin kr. Yadav	✓	✓	[signature]
4	141	Vicky Gupta	✓	✓	[signature]
~~5~~	~~57~~	~~Karisha Gurung~~	~~✓~~	~~✓~~	
6	171	Kalpana Dhahal	✓	✓	Kalpana Dahal
7	166	Janmani Handique	✓	✓	Janmoni Handique
~~8~~	~~152~~	~~[illegible]~~	~~✓~~	~~✓~~	
9	95	Priya thackur	✓	✓	[signature]
10	135	Tushna Gogoi	✓	✓	[signature]
11	105	Rimpli Das	✓	✓	[signature]
12	36	Gaurav Kashyap	✓	✓	GKashyap
13	57	Kemling Tonglum	✓	✓	[signature]
14	126	Subhajit Nath	✓	✓	Subhajit Nath
15	53	Karanjit Kumar	✓	✓	[signature]
16	64	Mrigang Doley	✓	✓	MD
17	188	Riya chaudhary	✓	✓	[signature]
18	139	Uttpal Buragohain	✓	✓	Utpal Buragohain
19	5	Anisha Saikia	✓	✓	Anisha Saikia
20	15	Arjun Pradhan	✓	✓	Arjun Pradhan
21	18	Abhishek. Yadav	✓	✓	[signature]
22	47	Jemung Dorjee	✓	✓	Jamuna Darjee
23	54	Kareina Sah	✓	✓	[signature]
24	56	Kasmiri Dutta Gupta	✓	✓	[signature]
25	63	Md. Masum Ahmed	✓	✓	Masum
26	65	Mintu Hazarika	✓	✓	MH.
27	78	Polash Phukan	✓	✓	P.Phukan
28	81	Prikhit Das	✓	✓	P. Das
29	85	Pramisha chetry	✓	✓	[signature]
30	89	Praty Pandey	✓	✓	Pranty Pandey
31	96	Prajit Das	✓	✓	[signature]
32	108	Rohit Sarmah	✓	✓	Rohit Sarmah
33	116	Sejal Sah	✓	✓	S.sah
34	122	Sauvik Das	✓	✓	Sauvik
35	142	Vinoto Sema.			Vinoto.
34	146	Animesh Borthakur	✓	✓	[signature]
35	184	Puja Nandi	✓	✓	Puja Nandi

Total = 35.

[signature] 1/4/22 [signature] 5/4/22

From Jan 2022 to May 2022 (to July 22).

4th Sem (C) (CBCS)

Sl No	Roll No	Name	Organic P-C9	Physical P-C10	Inorganic P-C-8
1	196	Simi Moran	✓	✓	✓
2	94	Jessica Barbaruah	✓	✓	✓
3	60	Dalisha Milli	✓	✓	✓
4	68	Dhiraj Moran	✓	✓	✓
5	121	Megha Samuah	✓	✓	✓
6	222	Rinky Moran	✓	✓	✓
7	16	Kamal Chetri	✓	✓	✓
8	120	Ritu Chetry	✓	✓	✓
9	223	Jyoti Ranjan Sarmah	✓	✓	✓
10	216	Tureen Chetia	✓	✓	✓
11	132	Nayana Lamah	✓	✓	✓
12	88	Hritika Larmah	✓	✓	✓
13	153	Preety Lamah	✓	✓	✓
14	97	Ankur Das	✓	✓	✓
15	71	Dipjoyjy Borgohain	✓	✓	✓
16	159	Priyankachetry	✓	✓	✓
17	54	Barkatullah Mazumder	✓	✓	✓
18	79	Gaurav Chetry	✓	✓	✓
19	72	Dilkeeba Khatun Choudhury	✓	✓	✓
20	17	Akhilesh Rai	✓	✓	✓
21	39	Anshik Dey	✓	✓	✓
22	162	Rahul Sonar	✓	✓	✓
23	19	Alekh Baruah	A	A	X
24	117	Manisha Adhikari	✓	✓	✓
25	06	Abhishek Paudel	✓	✓	✓
26	38	Ankurjyoti Moran	✓	✓	✓
27	16	Akash Agarwal	✓	✓	✓
28					
29					
30					
31					
32			2/9/22	6/5/22	Nilanjana 6/5/22
33					
34					
35					

From Jan 2022 to May 2022 (July 22)

4th Sem (Ge) (CBCS)

Sl No.	Roll no	Name	Inemic	Physical
1	131	Nayan Jyoti Moran		
2	169	Rita Moni Moran		
3	26	Anisha Cintey		
4	62	Debangshee Paul		
5	118	Mayur Raj Haniduje		
6	201	Shruti Sharma		
7	10	Aanchal Sah		
8	156	Preety Sah		
9	70	Dibesh Agarwal		
10	114	Lukumoni Borah		
11	138	Nilakhi Saikia		
12	22	Amisha Dohutia		
13	139	Nipu Kalita		
14	11	Aditi Gurung		
15	122	Mallika Chetry		
16	208	Susmita Gogoi		
17	211	Suweta Kar		
18	213	Sweta Seal		
19	89	Indrakshi Boruah		
20	95	Jibajyoti Deori		
21	183	Sandipan Choudhury		
22	100	Joydeep Sur		
23	217	Uddabh Upadhyaya		
24	143	Pankaj Dahal		
25	106	Khagen Mahanta		
26	192	Siva Boruah		
27	135	Night Engllow Chakma		
28	108	Kusum Chetry		
29	51	Biraj Deori		
30	31	Ankit Kumar Mahato		
31	14	Ajoy Deori		
32	84	Gopi Krishna Chetry		
33	205	Sumit Dhakal		
34	172	Rohit Chetry		
35	152	Preety Ghosh		

Nbdyn 8/4/22

4/4/22

From Jan 2022 to May 2022

6th Sem (C) (CBCS)

Sl No	Roll No	Name	Organic	Inorganic	DSE-	Student Signature
1	110	M Nancy Rao	✓ ✓	✓	✓	M. Nancy Rao
2	85	Ankur Das	✓ ✓	✓	✓	Ankur Das
3	50	Himangkuryoti Baruah	✓ ✓	✓	✓	Himangkuryoti Baruah
4	106	Priya chanda	✓ ✓	✓	✓	Priya Chanda
5	115	Ankit chetry	✓ ✓	✓	✓	Ankit chetry
6	36	Himanshu Saikia	✓ ✓	✓	✓	Himanshu Saikia
7	142	Prabal Das	✓ ✓	✓	✓	Prabal Das.
8	126	Subham Thapa	✓ ✓	✓	✓	Subham Thapa
9	70	Prahlad Chetry	✓ ✓	✓	✓	Prahlad Chetry
10	17	Geeta Upadhaya	✓ ✓	✓	✓	Geeta Upadhyaya.
11	98	Sanchita Giri	✓ ✓	✓	✓	Sanchita Giri
12	39	Mohan chetry	✓ ✓	✓	✓	Mohan Chetry.
13	128	Rashmita Bora	✓ ✓	✓	✓	Rashmita Borah.
14	129	Violina Bora	✓ ✓	✓	✓	Violina Borah.
15	42	Bikram Kotoky	✓ ✓	✓	✓	Bikram Kotoky
16	121	Saurav Debnath	✓ ✓	✓	✓	Saurav Debnath
17	4	Abhishek Das	✓ ✓	✓	✓	Abhisek Das
18	58	Abhijit Borah	✓ ✓	✓	✓	Abhijit Borah
19	69	Sayanika Borpujari	✓ ✓	✓	✓	Sayanika Borpujari
20	51	Akash Deep Das	✓ ✓	✓	✓	Akash Deep Das
21	20	Rohit Kr. Gupta	✓ ✓	✓	✓	Rohit Kr Gupta

13/5/22

30/5/22

21/4/22

26/4/22

22/4/22

21/4/22

From Jan 2022 – ~~May~~ June 2022

2nd Sem (Generic)

.	Roll no	Name	Organic	Inorganic	Physical
1	9	Anupama Chetry	✓	✓	✓
2	11	Anushikha Rai Cowdhari	✓	✓	✓
3	12	Arati Chetry	✓	✓	✓
4	22	Bibek Sharma	✓	✓	✓
5	40	Giteema Kishan	✓	✓	✓
6	42	Harik Bhushan Deori	✓	✓	✗
7	44	Himani Guerung	✗	✗	✓
8	75	Nishtha Baruah	✓	✓	✓
9	76	Nitish Kr Sah	✓	✓	✓
10	82	Pabitra Chetry	✓	✓	✓
11	87	Prasanta Chetia	✓	✓	✓
12	90	Prerona Newpany	✓	✓	✓
13	94	Priya Sen	✓	✓	✓
14	98	Rahul Koiri	✓	✓	✓
15	102	Resma Majhi	✓	✓	✓
16	103	Rhitum Limbo	✓	✓	✓
17	115	Sankar Dhakal	✓	✓	✓
18	121	Siddhika Newar	✓	✓	✓
19	124	Sristy Sonar	✓	✓	✓
20	132	Susmita Chetia	✓	✓	✓
21	133	Tanushree Baruah	✓	✓	✓
22	138	Umadevi Moran	✓	✓	✓
23	150	Arunangshu Das Tariang	✓	✓	✓
24	155	Ch. Priyanka	✓	✓	✓
25	161	Dipandita Baidya	✓	✓	✓
26	169	Joyshril Moran	✓	✓	✓
27	170	Kobita Sonar	✓	✓	✓
28	173	Karunika Mayee Deori	✓	✓	✓
29	174	Kaushik Karmakar	✓	✓	✓
30	179	Nang Palita Marrow	✓	✓	✓
31	204	Rishta Thakuri			

11/8/22

16/8/22

27/6/22

DEPARTMENT OF ENGLISH
DIGBOI COLLEGE

DEPARTMENT OF ENGLISH

B A Sem II (H) PAPER C3 & C4

ASSIGNMENT

JAN - JUNE 2022

AN	UNIVERSITY ROLL		C3	C4	
17		Ankita Mohan	Ankita	Ankita	269
18		Bhabin Sonowal	Bhabin	Bhabin	273
26		Bobita Sharma	Bobita	Bobita	278
42		Dalia Baruah	Dalia	Dalia	280
41		Deb Chetry	Deb	Deb	288
45		Debojit Gogoi			289
50		Dipanti Mahato	Dipanti	Dipanti	296
57		Ghisa Gurung			301
101		Merina Moran	Merina	Merina	303
110		Mrinmoyee Sonowal	Mrinmoyee	Mrinmoyee	306
114		Myitung Jakhar Ending	Myitung	Myitung	307
123		Nikita Gurung			269
127		Nirmita Bhattacherjee	Nirmita	Nirmita	
132		Pankaj kr Timsina	Pankaj	Timsina	~~46~~
135		Palismita Das	P. Das	P. Das	
150		Pratikhya Gogoi	Pratikhya Gogoi	Pratikhya Gogoi	57
152		Preeti Das	Preetiss	Preetiss	
177		Rashmita Das	Rashmita	Rashmita	
180		Rima Sharma	Rima	Rima	
181		Rituparna Saikia	Rituparna	Rituparna	
193		Rosni Pradhan	Rosni	Rosni	
205		Santanu Kaushik Borgohain	Santanu	Santanu	
207		Shagufan Upadhaya	Shagufan	Shagufan	
212		Smita Sharma			
216		Stephen Lucian Gomes	Stephen	Stephen	
226		Suvam Balmiki	Suvam		
240		Tablima Begam	Tablima	Begum	
243		Anarya Bhattacharjee	Anaryaa	Anaryaa	
245		Anil Kumar	Anil	Kumar	
248		Anushka Chanda	Anushka Chanda	Anushka Chanda	
2		Bodhi Mitra Chetia	Bodhi Mitra	Bodhi Mitra	
4		Deepjyoti Deb	Deepjyoti	Deepjyoti	
		Karina Akhtar	Karina	Karina	

	C3	C4
~~Madhurjya Sharma~~		
Naina Thapa	Naina Thapa	Naina Thapa
Phamai Wakhum	Phamai	Phamai
Prem Gupta	Prem	Prem Gupta
Sahil Ghosh	Sahil Ghosh	Sahil Ghosh
Saloni Rani Jain		
Swosona Chetia		
Junsiam Mamai		
Violina Das		Violina Das
Sneha Singha		
Abdul Samad	A. Samad	
Madhurjya Sharma	Madhurjya	Madhurjya
Nirmita Bhat		
~~Stephen Lucian Gomes~~		
Ghisa Gurung	Ghisa Gurung	Ghisa Gurung

B.A. 4th Sem (H) PAPER C8, & C9 & C10

ASSIGNMENT

JAN-JUNE 2022

ROLL NOS	UNIVERSITY ROLL	NAME	SIGN C8	C9	C10	
12		Ankita Debnath	Ankita Debnath		Ankita	223
22		Anurag Paul				230
17		Ankosh Debnath	C-10		C-8	231
23		Aparajita Saikia	Alaikia		Alaikia	260
29		Arpita Devi	Arpita Devi		Arpita Devi	263
34		Beauty Sarkar	Beauty Sarkar		Beauty Sarkar	191
66		Debajit Dey	Debajit Dey		Debajit Dey	276
67		Debajit Hazarika	[illegible]		[illegible]	64
70		Deepjyoti Bora				144
76		Dhiraj Kr Gupta	Dhiraj		Dhiraj	~~205~~
87		Dipti Upadhaya	Dipti Upadhaya		Dipti Upadhaya	230
89		Diya Das	Diya Das		Diya Das	180
93		Gargi Paul	Gargi		Gargi Paul	
108		Isha Sonowal	Isha		Isha Sonowal	
109		Ishwari Kafley	Ishwari Kafley		Ishwari Kafley	
111		Janmi Borpatra Gohain	Janmi		Janmi Borpatra Gohain	
113		Jasmi Neog	Jasmi Neog		Jasmi Neog	
116		Jayashree Baruah	Jayashree Baruah		Jayashree Baruah	
118		Jupitara Borah	Jupitara Borah		Jupitara Borah	
121		Kaberi Gohain	Kaberi Gohain		Kaberi Gohain	
142		Manisha Rajak			Manisha Rajak	
144		Minerva Thapa				
180		Pema Tsheden				
184		Perna Bhowmik	[illegible]		Purna Bhowmik	
187		Priya Dey	Priya Dey		Priya Dey	
189		Priyanka Debnath	Priyanka Debnath		Priyanka Debnath	
190		Priyanki Devi	Priyanka Devi		Priyanka Devi	
200		Ravi Saheni				
201		Reshma Pradhan	Reshma Pradhan		Reshma Pradhan	
204		Ripika Choudhury	Ripika Choudhury		Ripika Choudhury	
205		Rishikesh Buragohain	R		R	
216		Sabita Chetry	Sabita Chetry		Sabita Chetry	
218		Sagarika Sen	Sagarika Sen		Sagarika	
219		Sahana Khatoon				

NAME	C8	C9	C10
Sandhya Gautam	Sandhya Gautam		Sandhya Gautam
Sanu Rana			
Sushikant Koiri	Sushikant Koiri		Sushikant Koiri
Surajit Gogoi	Surajit Gogoi		
Tania Phukon	Tania Phukon		Tania Phukon
Priyanka Dutta	Priyanka Dutta		Priyanka Dutta
Nabanita Nandi			
Darshan Sonowal	Darshan		Darshan Sonowal
Minerva Thapa	Minerva		[illegible]
~~Rishikesh Buragohain~~			[illegible]
Sanu Rana	Sanu		Sanu
Pema Tsheden	Pema		Pema

DEPARTMENT OF GEOGRAPHY
DIGBOI COLLEGE

Group Discussion 2022
2nd Sem (25/06/2022)

TOPIC: REGIONAL PLANNING IN INDIA - SUCCESS & FAILURE

Sl Nos	Roll Nos	Name	Signature	Group
1.	259	Garima Mishra	Garima Mishra	A
2.	19	Arali Rai	Arali Rai	
3.	178	Reema Passi	Reema Passi	
4.	141	Pooja Rai	Pooja Rai	
5.	204	Sanjana Gupta	Sanjana Gupta	
1.	159	Priyanka Mahato	Priyanka Mahato	B
2.	225	Surakshi Moran	Surakshi Moran	
3.	149	Pratiksha Chetia	Pratikha chetia	
4.	21	Arpita Sonowal	Arpita Sonowal	
1.	158	Priyanka Karmakar	PriyankaK.	C
2.	166	Pujan Gurung	Pujan Gurung	
3.	148	Pratikha Borah	Pratikha Borah	
4.	63	Isha chetry	Isha chetry	
1	27	Bharat Chetri	Bharat Chetri	D
2	270	Abilas Urang	Abilas Urang	
3.	294	Subhankar Sarkar	Subhankar	
1	290	Sanjay gohain	Sanjay gohain	E
2.	299	Tina Chakma	Tina Chakma	
3	137	Pawan Khaowka	Pawan khaowka	
4.	28	Bhaskin Sonowal	Bhaskin Sonowal	
1	Man 96	Manju Gupta	Manju Gupta.	F
2	182	Rinky Thakur	Rinky Thakur	
3	07	Anisha Singh	Anisha Singh	
4	119	Nasima khatun	Nasima khatun	
1	296	Susana chakma	Susana	G
2	282	Bodhisitra chakma	Bodhisitra	
3	272	Monalisha chakma	Monalisa	

Sl. No.	Roll no.	Name	Signature	Group
1	293	Soni Kumari Gupta	Soni Kumari G.	H
2	95	Manisha Yadav	Manisha Yadav	
3	284	Renu Yadav	Renu Yadav	
4	260	Hifazat Ali	Hifazat Ali	
5	207	Vinay Kr. Das	Vinay Kr. Das	
1.	145	Pranjal Paul	Pranjal	I
2.	155	Prithishikha Gogoi	Prithishikha	
3.	153	Preeti Thapa	Preeti Thapa	
4.	267	Khushbu Kumari	Khushbu	

Date: 01/11/2022 GROUP DISCUSSION 1st Sem 2022.

TOPIC: Developmental activity increases the rate and intensity of disaster.

Roll Nos	Against the Topic	Signature
37	Dali Sonowal	Dali Sonowal
32	Dhiraj Sonowal	Dhiraj Sonowal
~~27~~	~~Rakash~~	
149	Gita Ghimire	Gita Ghimire
12	Anoli Phadkan	Apnadhan
189	Sweta Sonar	Sweta Sonar
117	Ritu Moni Karmakar	R Karmakar
71	Maina Mahutia	Mahutia
27	Chandana Kapley	Chandana
166	Anwita Upadhyay	Anwita.
195	Puja Sahu	Puja Sahu
85	Anish Chetry	
18	Barsha Thapa	Barsha.
83	Monalisha chetry	Monalisha chetry
89	Muskan Newar	Muskan Newar
62	Karisma Gurung	Karisma Gurung
123	Saleha Begum	Saleha Begum
194	Sandhya Thakur	Sandhya Thakur
192	Khusbu Sah	Khusbu Sah
150	Gaurav Chetry	Gaurav Chetry
14		

Roll Nos	For the Topic	Signature
63	Krishna Moran	Krishna Moran
49	Happy Saikia	Happy
52	Jit Bahadur Chetry	Jit
21	Bikash Das Wadi	Bikash.
77	Manab Chetry	Manab
100	Lobitra Sonowal	Lobitra
155	Nazrul Alam	Nazrul
169	Samuel Sewa	Samuel
141	Vinit Gurung	Vinit Gurung
206	Pritom Nitra	Pritom
223	Subhojit Das	Subhojit
219	Bonali Kurketta	B. Kurketta
230	Tanisha Chakraborty	Tanisha. C
211	Rakshe Bansal	Rakshe Bansal
171	Thangjam Pammy Singha	Th. Pammy Singha
14	Asish Baidya	Asish Baidya

Seminar 2022 4th Sem

Impact of Industrialization on Environment & Human Sectors

Group	Roll no.	Name	Date	Signature	Topic
8	16	Ankita Saha	07-06-2022	Ankita Saha	Impact of industrialization on Environment
8	57	Barakha Deka	07-06-22	Barakha Deka	〃
8	115	Jayanta Roy	07-06-22	Jayanta Roy	
8	246	Sourav Phukan	07-06-22	Sourav Phukan	
8	66	Debojit Dey	07-06-22	Debojit Dey	
8					
9	174	Pankaj Shah	07-06-22	Pankaj Shah	Impact of Industries & Industrialization on economy.
9	07	Amritesh Rai	07-06-22	Amritesh Rai	〃
9	233	Sazzad Ahmed	07/06/2022	Sazzad Ahmed	
9	76	Dhiraj Kumar Gupta	07/6/22	Dhiraj Kumar	economy
10	194	Puja Singha	08/6/22	Puja Singha	Impact of Industrialization on Environment
10	74	Deina Sonowal	08/06/22	Deina Sonowal	〃
10	278	Rupam Sharma	08/06/22	Rupam Sharma	
10	137	Loknath chetry	08/06/22	Loknath Chetry	impact of Industrialization
10	176	Parajyoti Moran	08/06/2022	Parajyoti Moran	〃

Seminar 2022 4th Sem

IMPACT OF INDUSTRIALIZATION ON ENVIRONMENT & HUMAN SECTOR

Group	Roll No	Name	Date	Signature	Topic
1.	5	Ambika Kapar	01/06/2022	Akapar	Impacts of Industrialisation on economy.
1.	36	Bharati Chetri	01/06/2022	Bharati Chetri	
1.	40	Bidikha Gogoi	01/06/2022	Bidikha Gogoi	
1.	62	Chitra Upadhayay	01/06/2022	Chitra Upadhayay	
2.	230	Sanu Rana	01/06/2022	Sanu Rana	Impacts of Industrialisation on environment
2.	180	Pema Tsheden	"	Pema Tsheden	
2.	47	Biku Chetry	"	Biku Chetry.	
2.		Tania Phukan	"	Tania Phukan.	
3	151	Monisha Sonar	2/06/2022	Monisha Sonar	Impact of industrialisation on environment.
3	227	Santosh Yadav	2/06/2022	Santosh Yadav	
3	252	Suman Yadav	2/06/2022	Suman Yadav	
3	21	Anupam Gogoi	2/06/2022	Anupam Gogoi	
4	04	Akash Mandal	3/06/2022	Akash Mandal	Impact of industrialisation on environment in India.
4	29	Arpita Devi	3/06/2022	Arpita Devi	
4	109	Iswara Kafley	3/06/2022	Iswara Kafley	
4	189	Priyanka Debnath	3/06/2022	Priyanka Debnath	
4	223	Sandhya Gautam	3/06/2022	Sandhya Gautam.	
5	64	Darshan Sonowal	3/06/2022	Darshan Sonowal	Impact of Industrialization in Economy
5	181	Plabita Baruah	3/06/2022	Plabita	Impact of industrialisation of Economy
5	23	Aparajita Saikia	3/06/2022	Aparajita Saikia	
5	86	Dipshikha Deka	3/06/2022	Dipshikha Deka.	
6	43	Bijoy Kanti Nath	4/06/22	Bijoy K. Nath.	Impact of industrialisation on Social welfare.
6	132	Lakhan Dhingana	4/06/22	L. Dhingana	
6	135	Laxman Dorjee	4/06/22	D.rjee	
6	211	Rohit Thapa	4/06/22	R. Thapa	
7	69	Debajit Hazarika	4/06/22		Impact of Industrialization on Society.
7	215	Chinmoy Boragohai	4/06/22	Pinu	
7	209	Robina Chakma	04/06/22	Robina Chakma.	
7	129	Arati Thapa	04/06/22	Arati Thapa	

HUMAN

2nd Semester -2022

Home Assignments

Roll no	Students Name	Date	Signature
263	Julee Gogoi	19/04/22	Julee Gogoi
193	Rosni Pradhan	20/04/22	Rosni Pradhan
255	Esha Gogoi	20/04/22	Esha Gogoi
272	Monalisa chakma	20/04/22	Monalisa
252	Badli mitra chakma	20/04/22	Badlimitra
296	Sussona chakma	20/04/22	Chakma
159	Priyanka Mahato	20/04/22	Priyanka Mahato
95	Manisha Yadav	20/04/22	Manisha Yadav
213	Soni kumari Gupta	20/04/22	Soni kumari Gupta
149	Bratikha chetia (Edu)	22/04/22	Bratikha chetia (6003199757)
225	Swrabhi Moran (Economics)	22/04/22	Swrabhi moran 8822790521
119	Nasima khatun (Hindi)	22/04/22	N.khatun 6900659337
81	Arpita Sonowal (Education)	22/04/22	Arpita Sonowal 8638760281
182	Rinky Thakur (Hindi)	22/4/22	Rinky Thakur 9957019710
204	Sanjana Gupta (Hindi)	22/4/2022	Sanjana Gupta 6001935486
148	Pratikha Borah (Edu)	22/4/2022	Pratikha Borah 8822797783
110	Mrinmoyee sonowal (Eng)	22/4/2022	Mrinmoyee sonowal 8136041944
171	Raj kumar chetry (Edu)	22/4/2022	Raj 9395708376
244	subhankar sarkar	22/04/2022	subhankar 8419918618
28	Bhanbin Sonowal (Eng)	25/04/2022	Bhanbin 6001797533
240	Abilas Uraon (Pol.Sc)	25/04/2022	Abilas 9862581446
153	Bweeti Thapa (Hindi)	25/04/22	Bweeti Thapa 6003707436
267	khushbo kumari (ECO)	25/04/22	khushbo 7630961901
111	Mukesh kr. singh (H)	25/4/22	Mukesh Singh 6002648835
63	Isha chetry (ECO)	25/4/22	Ishachetry 6003055297
27	Bharat Chettri (Pol)	25/04/22	Bharat 8432742445
141	Pooja Rai (Hindi)	25/04/22	Pooja Rai 8822755847
19	Shirali Rai (Hindi)	25/04/2022	Shirali Rai 9635557492
270	Reema Rasi (Hindi)	25/04/2022	Reema Rasi 8413094515
299	Tyon chakma	26/04/2022	Tyonchakma 6001978485
158	Priyanka Karmakar (Edu)	26/04/2022	Priyanka Karmakar 8453391996
199	Sandhya Saikia	26/4/2022	Sandhya Saikia 8472910384 (Edu)
259	Garima Mishra (Edu.)	26/4/2022.	Garima Mishra. 9395561849
237	Vinay kumar das (Hin)	26/04/2022	Vinay kr. das 6003698694
166	Pujan Gurung (Pol.s)	27/04/2022	Pujan Gurung 6003240613
54	Emon Gogoi (Philo)	27/04/2022	Emon Gogoi 6002848533

Roll	Students Name	Date	Signature	Contact No
79	Kiran Yadav (Hindi)	28/04/2022	Kiran Yadav	
80	Renu Yadav (Hindi)	29/04/2022	Renu Yadav	9954692793
386	Rinki Chetia (Education)	30/04/2022	Rinki Chetia	6000014982
137	Pawan khanka (Pol.science)	2/5/22	Pawan khanka	6001705717
188	Prittishikha Gogoi (Pol.Science)	4/5/22	Prittishikha Gogoi	6003577192
290	Jawwad gohain (Pol.Science)	9/5/22	Jawwad gohain	8453449374
145	Pranjal paul (pol.sc)	17/05/22	Pranjal paul	8133865392
96	Manju Gupta (Hindi)	18/05/2022	Manju Gupta	9864529723
07	Awisha Singh (Pol. Sc.)	20/05/2022	Awisha Singh	9395746327
260	Hifazat Ali (Pol. Sci.)	20/05/2022	Hifazat Ali	6000701018.

DEPARTMENT OF HINDI

DIGBOI COLLEGE

2nd Semester B.A.
Session Jan. – May, 2022.
Home Assignment - C-3, C-4
Subject- Hindi Honourse

Roll No.	Name	Home Assignment - Signature		Remarks / Date
		C-3	C-4	
15	Ankita Bishwakarma	Ankita Bishwakarma	Ankita Bishwakarma	30/04/2022
19	Arati Rai	Arati Rai	Arati Rai	30/04/2022
79	Kiran Kumari Yadav	Kiran K. Yadav	Kiran K. Yadav	30/04/2022
95	Manisha Yadav	Manisha Yadav	Manisha Yadav	30/04/2022
96	Manju Gupta	Manju Gupta	Manju Gupta	2/05/2022.
111	Mukesh Kr Singh	Mukesh Kr Singh	Mukesh Kr Singh	30/04/2022
119	Nasima Khatun	Nasima khatun	Nasima khatun	30/04/2022
128	Nuri Begum	Nuri Begum	Nuri Begum	30/04/2022
134	Pappu Gupta			Left the College.
141	Pooja Rai	Pooja Rai	Pooja Rai	30/04/22
153	Preeti Thapa	Preeti Thapa	Preeti Thapa	30/04/22
178	Reema Passi	Reema Passi	Reema Passi	30/04/22
182	Rinky Thakur	Rinky Thakur	Rinky Thakur	30/04/22
188	Rohit Jaiswal	Rohit Jaiswal	Rohit Jaiswal	30/04/22
204	Sanjana Gupta	Sanjana Gupta	Sanjana Gupta	30/04/22
237	Vinay Kr. Das	Vinay Kr. Das	Vinay Kr. Das	30/04/22.
239	Abhishek kr. Mourya	Abhishek kr Maurya	Abhishek kr Maurya	30/04/2022
284	Renu Yadav	Renu Yadav	Renu Yadav.	1/05/2022

G.G.Bharali

H.O.D. Hindi
G.G.Bharali
Digboi College, Digboi

B.A. 4th Semester 2022
Session Jan.- May, 2022
Home Assignment C-8, C-9, C-10.
Subject- Hindi Honours

Roll No.	Name	Home Assignment - Signature			Remarks
		C-5	C-6	C-7	
199	Ranjan Chetry	Ranjan chetry	Ranjan chetry	Ranjan chetry	28/04/22
210	Rohit Sharma	Rohit Sharma	Rohit Sharma	Rohit Sharma	30/04/22
211	Rohit Thapa	Rohit Thapa	Rohit Thapa	Rohit Thapa	30/04/22
228	Santoshi Yadav	Santoshi Yadav	Santoshi Yadav	Santoshi Yadav	30/04/22
240	Sima Limbu	Sima Limbu	Sima Limbu	Sima Limbu	29/04/22
251	Suman Yadav	Suman Yadav.	Suman Yadav	Suman Yadav.	30/04/22
252	Suman Yadav	Suman Yadav	Suman Yadav	Suman Yadav	25/04/22
279	Afrin Fatema	Afsin Fatema	Afsin Fatema	Afsin Fatema	02/05/22

02.05.2022

HOD. Hindi
Digboi College, Digboi

B.A.6th Semester
Session Jan.- May, 2022
Home Assignment – C-13, C-14, DSE-3, DSE-4.
Subject- Hindi Honours

Roll No.	Name	Home Assignment. Signature				Remarks
		C-13	C-14	DSE-3	DSE-4	
2	Kampita Sonowal	Kampita	Kampita	Kampita	Kampita	02/05/22
3	Kashmiri Moran	Kashmiri	Kashmiri	Kashmiri	Kashmiri	02-05-22
4	Puja Chetry	Puja	Puja	Puja	Puja	02/05/22
5	Jainab Khatoon	Jainab	Jainab	Jainab	Jainab	02/05/22
6	Leepika Moran	Leepika	Leepika	Leepika	Leepika	02/05/22
7	Phenus Purti	Phenus	Phenus	Phenus	Phenus	05/05/22
51	Neha Das	Neha Das	Neha Das	Neha Das	Neha Das	02/05/22
80	Manoj Kumar Yadav	Manoj Kr. Yadav	Manoj Kr. Yadav	Manoj Kr. Yadav	Manoj Kr. Yadav	02105122
81	Purnima Chetry	Purnima Chetry	P. Chetry	P. Chetry	P. Chetry	02/05/22
83	Priya Goriya	Priya Goriya	Priya Goriya	Priya Goriya	P. Goriya	02/05/22
84	Hema Thapa Chetry	H.T. Chetry	H.T. Chetry	H.T. Chetry	H.T. Chetry	02/05/22
99	Roshan Kumar Yadav	Roshan K. Yadav	Roshan K. Yadav	Roshan K. Yadav	Roshan K. Yadav	02/05/22
103	Savitry Chetry	Savitri Chetry	Savitri Chetry	Savitri Chetry	Savitri Chetry	02/05/22
165	Anit Pradhan	Anit Pradhan	Anit Pradhan	Anit Pradhan	Anit Pradhan	02/05/22
202	Prerana Verma	P. Verma	P. Verma	P. Verma	P. Verma	02/05/22
203	Vivek Verma	Vivek Verma	Vivek Verma	Vivek Verma	Vivek Verma	02/05/22
219	Shamima Aktar	Shamima	Shamima	Shamima	Shamima	Shamima

P. Bharati
02.05.2022

H.O.D. Hindi
Digboi College, Digboi

हिंदी दिवस
14 . सितम्बर 2022

आज दिनांक 14 सितम्बर 2022 को हिंदी विभाग के कमरा संख्या M-2. में दोपहर 1 बजे से हिंदी दिवस मनाया गया। कार्यक्रम के मुख्य वक्ता के रूप में आमंत्रित थे- रिंगाल्डो महाविद्यालय के नेपाली विभाग के भूतपूर्व विभागाध्यक्ष श्री देवी चरण खड़ाई। इस कार्यक्रम में हिंदी विभाग के 2nd sem, 3rd sem और 5th sem. के छात्र छात्राएँ उपस्थित थी। कार्यक्रम की अध्यक्षता हिंदी विभागाध्यक्ष डॉ प्रदीप कु० भारती ने की तथा उद्देश्य व्याख्या भी रखा। इसके बाद 3rd sem की छात्रा- मंजू गुरूंग ने हिंदी दिवस पर से संबंधित कविता पाठ किया। अंकिता विश्वकर्मा ने अपना विचार रखा। प्रीति थापा ने भी अपना विचार रखा।

मुख्य अतिथि श्री देवी चरण खड़ाई ने हिंदी को संविधान सभा में स्वीकृति और संविधान लागू होने के बाद होने वाले विरोध पर विस्तार से अपना पक्ष रखा। साथ ही राष्ट्रभाषा प्रचार समिति के सिफारिश पर 1953 से प्रत्येक 14 सितम्बर को हिंदी दिवस मनाने की सहमति बनने की भी चर्चा की। हिंदी को राजभाषा बनाने में दक्षिण के राज्यों का विरोध करते हुए का जिक्र करते हुए उन्होंने कहा कि बेंगलुरु में हिंदी का प्रचार प्रसार बढ़ा है। अंत में डॉ० अनुराधा कुमारी साहु सहायक अध्यापिका ने धन्यवाद ज्ञापन देकर सभा की समाप्ति की घोषणा की।

मुख्य वक्ता - श्री देवीचरण खड़ाई - [signature] 14/9/22

अध्यक्ष - डॉ प्रदीप कुमार भारती - प्रदीप कु० भारती

कार्यक्रम संयोजक - डॉ० अनुराधा कुमारी साहु - [signature]

हिंदी दिवस - 14.09.2022

Sl. No	Class Roll No	Name.	Semester	Signature.
1.	3rd sem-284	Renu Yadav.	3rd Sem	Renu Yadav.
2	182	Rinky Thakur	3rd Sem	Rinky Thakur
3	96	Manju Gupta	3rd sem	Manju Gupta
4	141	Pooja Rai	3rd Sem	Puja Rai
5	119	Nasima. khatun	3rd sem	Nasima. khatun.
6	153	Buti Thapa	3rd Sem	Buti Thapa
7	879	Afsin Fatema.	5th Sem	Afsin Fatema.
8	240	Sima Limbu	5th SEM	Sima Limbu
9	95	Manisha Yadav	3rd Sem	Manisha Yadav
10	265	Suman Yadav	5th SEM	Suman yadav.
11	228	Santoshi Yadav	5th SEM	Santoshi Yadav
12	19	Arali Rai	3rd SEM.	Arali Rai
13	15	Ankita Bishwakarma	3rd SEM.	Ankita Bishwakarma
14	128	Nuri Begum	3rd SEM.	Nuri Begum
15	204	Sanjana Gupta	3rd SEM.	Sanjana Gupta
16	211	Rohit Thapa	5th SEM	Rohit Thapa
17	210	Rohit Sharma	5th Sem	Rohit Sharma
18	02	Abhay Gupta	1st Sem	Abhay Gupta
19	237	Vinay Kumar Das	3rd sem	Vinay Kr. Das
20	188	Rohit Jaiswal	3rd sem	Rohit Jaiswal
21	129	Shubham Gupta	BA 1st Sem	Shubham Gupta
22	192	Khusbu Sah	1st sem	Khusbu Sah.
23	134	Suman Das	1st sem	Suman Das
24	108	Priyanka Rana	1BA 1st Sem	Priyanka Rana
25	157	priyanka Majhi	1st Sem	Priyanka Majhi
26	124	Sandhya Thakur	1st Sem	Sandhya Thakur
27	49	Jasmin khatun	1st sem	J. khatun
28	133	Sova Thapa	1st Sem	Sova Thapa
29	50	Jasmindar kaur	1st sem	Jasmindar kaur
30	117	Rikumani Karmakar	1st Sem	Rikumani Karmakar.
31	07	Anjali Verma	1st Sem	Anjali Verma.
32	79	Mayna Dohotia	1st Sem	Mayna
32	198	Meblin Deori	1st Sem	Meblin Deori
33				
34	105	Puja Sahu	1st Sem	Puja Sahu
35	21	Bikash Jaiswal	1st Sem	Bikash Jaiswal
36				

DEPARTMENT OF HISTORY
DIGBOI COLLEGE

Semester – II Home Assignment Submission

Session – 2022.

S.No.	R.No.	Names	Signatures.
1.	5.	Aman Sonowala	Aman Sonowala
2	9	Anisha Upadhyaya	Anisha Upadhyay
3	18	Api Doley	Api Doley
4	23	Babita Upadhyaya	Babita Upadhyay
5	24	Babul Chakma	Babul Chakma.
6	29	Bibek Pradhan	–
7	51	Dipika Mech	Dipika Mech
8	52	Dristimoni Buragohain	Dristimoni Buragohain.
9	68	Juganta Baoman	Juganta Baoman
10	71	Juri Gogoi	Juri Gogoi
11	85	Lijamoni Borah	Lijamoni Borah
12	90	Madhusmita Sonowal	Madhusmita Sonowal.
13	106	Mandira Chetry	Mandira Chetry
14	109	Monisha Thakuri	monisha Thakuri
15	116	Nakul Santhal	Nakul santhal.
16	129	Pabitra Mishra	Pabitra mishra
17	130	Pakhi Phukan	Pakhi Phukan
18	157	Priyanka Debnath	Priyanka Debnath
19	173	Rajib Chintey	Rajib chintey
20	192	Rosida Begum Tapadar	Rosida Begam Tapadar
21	217	Subrata Sonowal	Subrata Sonowal
22	231	Torali Saikia	Torali Saikia.
23	232	Tushar Prasad	Tushar Prasad
24	236	Vikato Lema	Vikato lema
25	238	Vishma Jyoti Sonowal	Vishma Jyoti Sonowal
26	246	Anil Mura	Anil mura
27	251	Azad Gorh	Azad
28	265	Kakuli Nath	Submitted
29	281	Project Sonowal	P. Sonowal
30	282	Rahul Gini	Rahul. GINI
31	283	Rajesh Sharma	Rajesh Sharma.
32	295	Sudipta Khaklari	Sudipta Khaklari
33	302	Victor Raj Chetia	Victor Raj Chetia
34	305	Yasmin Konsar	Yasmin Konsar

S.No.	R. No.	Names.	Signature.
35	308	Boʻoka Lena	Lena.
36	312	Trishna Sharma	Trishna Sharma
37	313	Biswajit Das.	Biswajit Das
	~~309~~	~~#~~	

Session - 2022. Home Assignment Submission.

Semester IV

S.No.	R.No.	Names.	Signature.
1	3.	Ajay Hasda	Ajay Hasda
2	11	Anjali chetry	Anjali Chetry
3	27	Arindam chetia	Arindam Chetia
4	41	Bidisha Upadhyay	Bidisha Upadhyay
5	49	Bindu chetry	Bindu chetry
6	39	Bhobesh Sonowal	Bhobesh Sonowal
7	59	Chandra chetry	chandra chetry
8	58	Buddheswar Chowtal	—
9	44	Bijoya Sarkar	Bijoya
10	79	Dickdarshit Phukan	Rickdarshit Phukan
11	101	Gulshana Begum Majumdar	Submitted
12	133	Lakhi Baruah	Lakhi Baruah
13	140	Manash Pratim Dihingia	Manash pratim Dihingia
14	144	Minerva Thapa	Minerva thapa.
15	162	Naina Roy	NAPuch Roy
16	166	Nikita chetry	Nikita chetry
17	192	Priyom Limboo	Priyom limboo
18	197	Pushpanjali Baruah	
19	97	Geeta Limboo	Geeta Limbad
20	202	Rina Dangal	Rina Dangal
21	204	Ripika Chowdhury	Ripika Chowdhury
22	214	Rumana Akhtara	Submitted
23	226	Sanjeev Sen	Sanjib Sen
24	229	Sanu Limbu	Sanu Limbu
~~25~~	~~264~~	~~Tanuja Rajbongshi~~	
25	273	Violina Moran	Violina Moran
		~~Bijoy~~	

DEPARTMENT OF MATHEMATICS
DIGBOI COLLEGE

Department of Mathematics
Digboi College
Records of Home assignment
And Seminar
Session January to May, 2022

SEM-2 MATH (GENERIC)
HOME-ASSIGNMENT
(GE-2)
SESSION: JAN-JUNE, 2022

R.NO	Name	
18	AVISHEK YADAV	24/05/22
53	KARANJIT KONWAR	24/05/22
54	KARINA SAH -	24/05/22
74	NISHI SONOWAL	24/05/22
77	NORTU HEMANT	24/05/22
80	PARI GOGOI	24/05/22
84	PRAKASH MANDAL	24/05/22
85	PRAMISHA CHETRY	24/05/22
95	PRIYA THAKUR	24/05/22
100	RAJNI SHARMA	24/05/22
* 106	RITIK KUMAR SINGH	24/05/22
108	ROHIT SHARMA	24/05/22
119	SHRIYA PAUL	24/05/22
126	SUBHAJIT NATH -	24/05/22
- 131	SUSHANTA BANIK	24/05/22
134	TARA KONWAR	24/05/22
136	TUSHNA GOGOI	24/05/22
141	VICKY GUPTA	24/05/22
- 142	VINOTO SEMA YETHO	24/05/22
156	CHOW TANONG MANNOW	24/05/22
* 182	PARTHA PRATIM BORKATAKI	24/05/22
184	PUJA NANDI	24/05/22
* 185	PURABI SONOWAL	24/05/22
186	RAJU CHETRY	24/05/22
- 188	PRIYA CHOUDHARY	24/05/22
189	RUMI DAS	24/05/22
193	SHIVAM KUMAR SAH	24/05/22
196	SUNITA SONOWAL	24/05/22
	ARTS	
* 185	ROHAN DEY	24/05/22

SEM-2 MATH (GENERIC)
HOME-ASSIGNMENT
(GE-2)
SESSION: JAN-JUNE, 2022

R.NO	Name	
18	AVISHEK YADAV	24/05/22
53	KARANJIT KONWAR	24/05/22
54	KARINA SAH -	24/05/22
74	NISHI SONOWAL	24/05/22
77	NORTU HEMANT	24/05/22
80	PARI GOGOI	24/05/22
84	PRAKASH MANDAL	24/05/22
85	PRAMISHA CHETRY	24/05/22
95	PRIYA THAKUR	24/05/22
100	RAJNI SHARMA	24/05/22
* 106	RITIK KUMAR SINGH	24/05/22
108	ROHIT SHARMA	24/05/22
119	SHRIYA PAUL	24/05/22
126	SUBHAJIT NATH -	24/05/22
- 131	SUSHANTA BANIK	24/05/22
134	TARA KONWAR	24/05/22
136	TUSHNA GOGOI	24/05/22
141	VICKY GUPTA	24/05/22
- 142	VINOTO SEMA YETHO	24/05/22
156	CHOW TANONG MANNOW	24/05/22
* 182	PARTHA PRATIM BORKATAKI	24/05/22
184	PUJA NANDI	24/05/22
* 185	PURABI SONOWAL	24/05/22
186	RAJU CHETRY	24/05/22
- 188	PRIYA CHOUDHARY	24/05/22
189	RUMI DAS	24/05/22
193	SHIVAM KUMAR SAH	24/05/22
196	SUNITA SONOWAL	24/05/22
	ARTS	
* 185	ROHAN DEY	24/05/22

SEM-2, Math (H)
Home - Assignment
Session - Jan June, 2022

R.NO.	Name	C-3	C-4
10	ANURAG NATH	03/06/22	23/4/22
11	ANUSIKHA RAJ CHOWDHURY	03/06/22	22/4/22
13	ARCHANA SONARI BISWAKARMA	03/06/22	18/4/22
16	ARPANA SONARI BISWAKARMA	03/06/22	18/4/22
17	AVINASH SAHANI	03/06/22	25/4/22
24	BISHAL BORBORUAH	03/06/22	25/4/22
26	BISHAL NATH	03/06/22	23/4/22
28	BULBUL MANN	03/06/22	24/4/22
32	DEEP CHAKRABORTY	03/06/22	29/4/22
42	HARIK BHUSHAN DEORI	03/06/22	23/4/22
59	KUNJIT DOHUTIA	03/06/22	23/4/22
61	MANASH KHATOWAL		
62	MD ALBAB HUSSAIN	03/06/22	25/4/22
67	MONDIRA BARUAH	03/06/22	18/4/22
82	POBITRA CHETRY	03/06/22	23/4/22
86	PRANJAL SHARMA		23/4/22
113	SAIKOT CHAKRABORTY		25/4/22
114	SANJOY GIRI		23/4/22
115	SANKAR DHAKAL	03/06/22	20/4/22
120	SHUBHAM SHARMA		23/4/22
128	SUMITH DEBNATH		
153	BHARATI THAPA	03/06/22	20/4/22
154	BIPLOB MORAN	03/06/22	25/4/22
158	DEAM SHARMA	03/06/22	19/4/22
159	DEEPAK LAL UPADHAYA	03/06/22	19/4/22
169	JOYSHRIL MORAN	03/06/22	19/4/22
175	KRISHSNANJAL SHARMA	03/06/22	19/4/22
178	NANDITA DUTTA	03/06/22	18/4/22
192	SARMISTHA SINGHA	03/06/22	20/4/22
194	SNEHA SHARMA	03/06/22	20/4/22
99	RAHUL SINGHA	03/06/22	25/4/22
145	AMAN BARUAH	03/06/22	25/4/22

Total 31

Seminar - Sem II (H)
Date : 26/5/2022 Time : 9:00
Session: January - May, 2022

Sl no	Roll No	Name	Seminar TOPIC	Signature
1	11	Anusikha Rai Chaudhury	Calculus	Anusikha Rai Chaudhury
2	153	Bharati Thapa	Phase plane Analysis	Bharati Thapa
3	194	Sneha Sharma	Exact differential equation	Sneha
4	178	Nandita Dutta	Real Analysis	Nandita
5	67	Mandira Baruah	Matrix	Mandira
6	16	Anpara Sonari Biswakarma	Differential equation	Anpara
7	13	Archana Sonari Biswakarma	introduction to sets	Archana
8	192	Sanajistha Singha	Sequence & Series	Sanajistha Singha
9	57	Kunjit Doluti	Euler formula and Euler Identity	Kunjit Doluti
10	42	Hank Bhushan Deori	Circle	Hank Bhushan Deori
11	169	Joyshree Moran	Hyperbola	Joyshree Moran
12	17	Avinash Sahani	Battle Model	Avinash Sahani
13	145	Aman Baruah	Trigonometry	Aman Baruah
14	24	Bishal Barbarauah	Differential equation and its application	Bishal Barbarauah
15	10	Anurag Nath	Drugs assimilation into the blood	Anath
16	26	Bishal Nath	Newton's Law of Cooling	Bishal
17	128	Sumith Debnath	Euclid's division Lemma	Sumith
18.	~~Leave~~		26/5/2022	

Seminar - Sem II (H)
Date: 26/5/2022 Time: 9:00 am
Session January - May, 2022

Sl no	Roll No	Name	Seminar TOPIC	Signature
18	159	Deepak lal Upadhyay	LAKE POLLUTION MODEL	
19	115	Sanka Dhakal	Mathematical modelling	
20	32	Deep Chakraborty	Fibonacci series	
21	28	Bulbul Mann	Applications of Matrices	Bulbul Mann
22	60	Md Abab Hussain	Battle Model	
23	175	Krishnanjal Sharma	Wronskian	
24	82	Pobitra Chetry	Triangle	Pobitra
25	86	Pranjal Sharma	Trigonometry	
26	158	Deam Sharma	Differential equation	
27	154	Biplab Moran	Trigonometry	Biplab
28				
29				
30				
31				

Absent: Shubham Sanjay Patil
Carried

26/5/22

26/5/2022

4th Sem, 2022
Home assignment
Session- Jan – June '22

R.No	Name	
21	Amarendra Singh	22/04/22
23	Amon Bhandari	22/04/22
37	Ankur Das	22/4/22
39	Anshik Dey	22/4/22
47	Barsha Kurmi	23/4/22
48	Barun Kumar Chetry	23/4/22
50	Bikrom Gogoi	23/4/22
× 54	Biswarup Mazumdar	23/4/22
66	Deepjyoti Debnath	22/4/22
71	Digbijoy Borgohain	22/4/22
73	Dinchen Pakhrin	22/4/22
79	Gaurav Chakraborty	22/4/22
81	Gayatri Thapa	23/4/22
83	Gopal Dutta	23/4/22
94	Jesica Borbora	23/4/22
132	Nayna Sharma	23/4/22
148	Prakash Thapa	22/4/22
151	Pradyumna Sharma	22/4/22
153	Preety Sharma	23/4/22
166	Rideep Suttadhar	23/4/22
175	Rohit Kumar Sah	22/4/22
181	Samujjal Sarkar	23/4/22
193	Sibu Sharma	
119	Kawser Ali Hazarika	
~~120~~	~~Deepjyoti Debnath~~	

Home Assignment
Session - Jan - June - 2022

Roll No	Name	C-8	C-9	C-10
2	Aaryan Chetri	Received 6/6/22	20/05/22	24/06/2022
8	Abhishek Chetri	9/6/22	20/5/22	24/06/2022
12	Aditya Prasad Thak	9/6/22	23/5/22	23/06/2022
52	Bishal Bhattarai	6/6/22	23/5/22	23/06/2022
56	Bitu Debroy	6/6/22	23/5/22	24/06/2022
70	Dibesh Agarwal	6/6/22	23/5/22	23/06/2022
76	Drishi Sharma	6/6/22	26/5/22	23/06/2022
91	Jasmin Chowrak	6/6/22	26/5/22	23/06/2022
110	Lambit Dohotia	6/6/22	26/5/22	24/06/2022
124	Mousumi Mohan	6/6/22	26/5/22	23/06/2022
139	Nipu Kalita	6/6/22	26/5/22	24/06/2022
154	Princeka Singh	7/6/22	26/5/22	24/06/2022
199	Sanjay Limbu	7/6/22	27/5/22	23/06/2022
205	Sumit Dhakal	10/6/22	27/5/22	24/06/22
210	Sushmita Mainal	6/6/22	27/5/22	23/06/2022

Seminar - Sem IV(H)

Date: 25/5/2022 Time: 9:00am-12:00

Session: January - May 2022

Sl no	Roll No	Name	Seminar Topic	Signature
1	91	Jasmine Chowrak	Radius of Convergence of power series	Jasminchowrak
2	124	Mousumi Mohan	Riemann integration	Mousumi Mohan
3	76	Drishti Sharma	Ideal of a Ring	Drishti Sharma
4	70	Dibesh Agarwal	Vector Space & Subspace	Dibesh Agarwal
5	188	Sanjoy Lembar	Secant method	Sanjoy Lembar
6	130	Nipu Kalita	Gauss Jordan elimination Method	Nipu Kalita
7	12	Aditya Prasad Thakur	Transcendental and polynomial equation	Aditya Prasad Thakur
8	56	Bitu Debroy	Gauss Seidal Method	Bitu Debroy
9	525	Sumit Kishal	Gaussian Elimination Method	Sumit
10	2	Narayan Chhetri	Algorithm & Flowchart	Narayan
11	52	Bishal Bhattarai	Rings and Subrings	Bishal Bhattarai
12	8	Abhishek Chetry	Trapezoidal rule	Abhishek Chetry
13	110	Sambit Dohotia	Linear Combination Span of vector Sector	Sambit Dohotia
14	210	Sushmita Mainali	Linear Transformation	Sushmita Mainali
15				

Mathur
25/5/2022

25/5/2022

Seminar - Sem VI (H)
Date : 25/5/2022 Time : 12.00 - 1.30 PM
Session - January-May, 2022

Sl.no	Roll No	Name	Seminar Topic	Signature
✓1	72	Alimpika Medhi	Laplace Transformation	Alimpika.
✓2	83	Sourik Roy.	Metric Space	Sourik. Roy.
✓3	27	Trinanka Hagoi	The infinite series $1-\frac{1}{3^3}+\frac{1}{5^3}-\frac{1}{7^3}+$ and the cotangent function	Trinanka Hagoi
✓4	28	Pallavi Gogoi	Metric Space	Pallavi Gogoi
✓5	104	Shoaib Hussain	Fourier Series	Shoaib Hussain
✓6	75	Ankur Dekatia	Fibonacci Sequence	Ankur Dekatia.
✓7	45	Ajay Adhikari	Open ball & closed ball	Ajay Adhikari
✓8	87	Somnath Dahal	Fourier series	Somnath Dahal
9				

Mahbub
25/5/22

25/05/22

DEPARTMENT OF PHYSICS
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ASSIGNEMENT
ON
ASTRONOMY AND ASTROPHYSICS

(BSC. 5TH SEMESTER)

TOPIC : HUBBLE'S LAW AND ITS VARIOUS ASPECTS

SUBMITTED TO
DR. RASHMI PATOWARY

SUBMITTED BY
SIBU SHARMA
ROLL NO. : 193

Hubble's LAW AND ITS VARIOUS ASPECTS :-

Hubble's law is probably the single most important step in our attempt to understand the Universe. This law discovered by Edwin Hubble and it relates the distances of galaxies with the velocities with which they are receding away from us

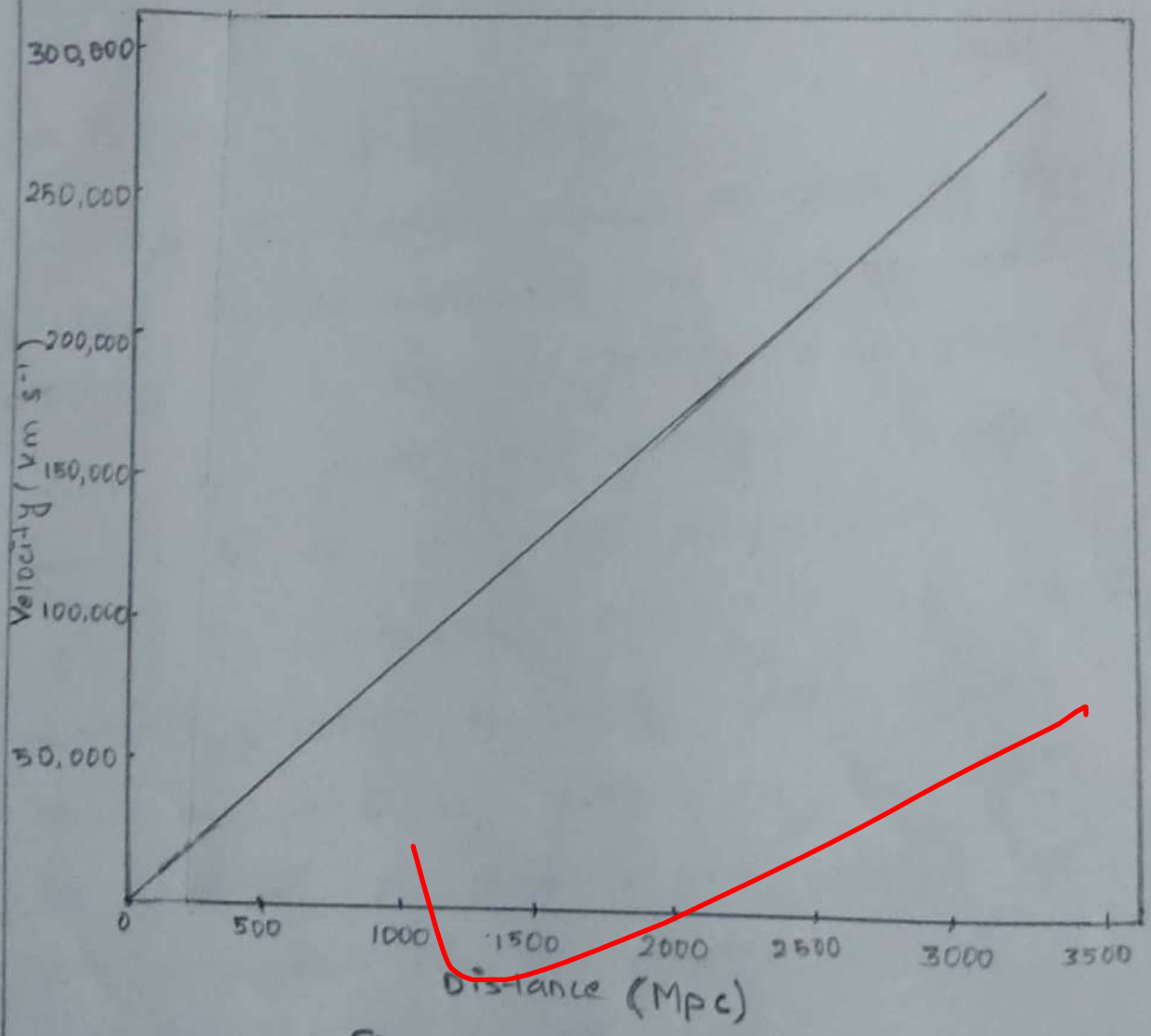


Fig: Hubble's law

The velocity of any object can be split into a component that is along the line-of-sight and another component that is transverse the line-of-sight. The line-of-sight component of the velocity can be determind by Doppler shift of the light that we received from the object. Hence this gives the velocity with which the object is coming towards us or receding away from us.

* Distance - Velocity Relation :-

Using the methods similar to those mentioned above, Hubble estimated the distance and velocity of a set of galaxy and plotted them. He found that galaxies in general seem to be receding away from us. This is popularly known as the expanding universe. Further, the velocity with which they are receding away, are directly proportional to their distances from us. This prompted him to propose a law, now known by his name.

Edwin Hubble's discovered that "light from actual galaxy is symmetrical increased in wave length is proportional to 'r' from the observer."

Thus red shift

$$\frac{\Delta\lambda}{\lambda} = z \propto r \quad \text{—} (1)$$

If 'z' expressed as due to doppler's effect arising from V velocity 'v' of the galaxy recessional

then

$$V = cz \quad \text{—} (2)$$

where 'c' is the length of the light

From (1) and (2)

$$V \propto r$$

$$\Rightarrow \boxed{V = Hr}$$

where the constant of proportionality 'H' is known as Hubble's law Constant and the relation is known as Hubble's law.

Hubble Constant $H = 70\ (km/s)/Mps$

$\Rightarrow 70\ (km/s)/Mps \leq H \leq 130\ (km/s)/Mps$

Still its actual value is not known.

* Importance of Hubble's law :-

With the help of this relation, once we know the velocity of a galaxy, we can calculate the distance at which it is located. It is important to point out here that Hubble's law holds even if we were on some other galaxy. Our location in the universe does not have any special importance.

All the galaxies which are today moving away from one another were at some time in the past together at one point. Some event occurred at that time which triggered the expansion of the universe. This event is usually called the Big Bang. The quantity $1/H$ measures the time since that event, or the age of the universe.

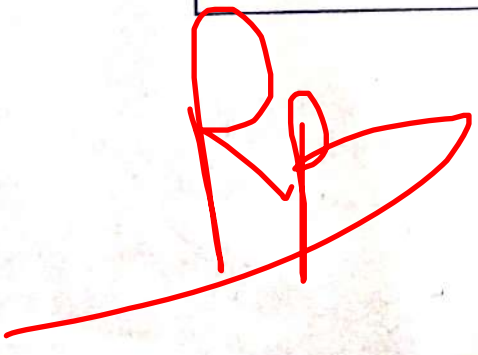
ASSIGNMENT ON ASTROPHYSICS (DSE-2)

Name : Sruti Sharma

Class : B.Sc. 5th Sem. (Physics)

Roll no. : 201

Sub : DSE - 2



Nature Of Rotation Of The Milky Way:-

In the early nineteenth century, Jan Oort and Bertil Lindblad studied the motion of a large number of stars located near the Sun. Their study indicated that stars in the Galaxy constitute a gravitational system. Like many other gravitating systems, our galaxy also rotates, though very slowly. The rotational velocity enhances the stability of the Galaxy since the outward centrifugal force can counterbalance the inward pull due to gravity.

As early as in the late eighteenth century, Sir William Herschel's investigation on the distribution of stars in the solar neighbourhood revealed that our stellar system is a very flattened one. In order to maintain stars and gas in their orbits the Galaxy should possess a very high rotation which develops the centrifugal force necessary to balance the gravitational attraction exerted by the large mass of the central core.

The Milky Way Galaxy is a large disk-shaped system of several hundred billion stars with associated interstellar gas and dust surrounded by a diffuse spherical halo having a relatively low density of stars. The rotation of the disk of the Milky Way Galaxy is analysed. It rotates neither as a solid disk nor in accordance with individual Keplerian orbits. Rather the

disk executes a form of differential rotation which suggests that a considerable fraction of its mass resides in the outer portions of the Galaxy.

The assumption that the Galaxy is a gravitating system is at the core of the traditional hypothesis about how the Galaxy came into being. Since, the centrifugal force is only along the equatorial plane, there is no obstacle for matter (other than the pressure) to fall along the vertical direction. As a result, the initially spherical distribution of matter has become, after over 10 billions years, the highly flattened galaxy of today.

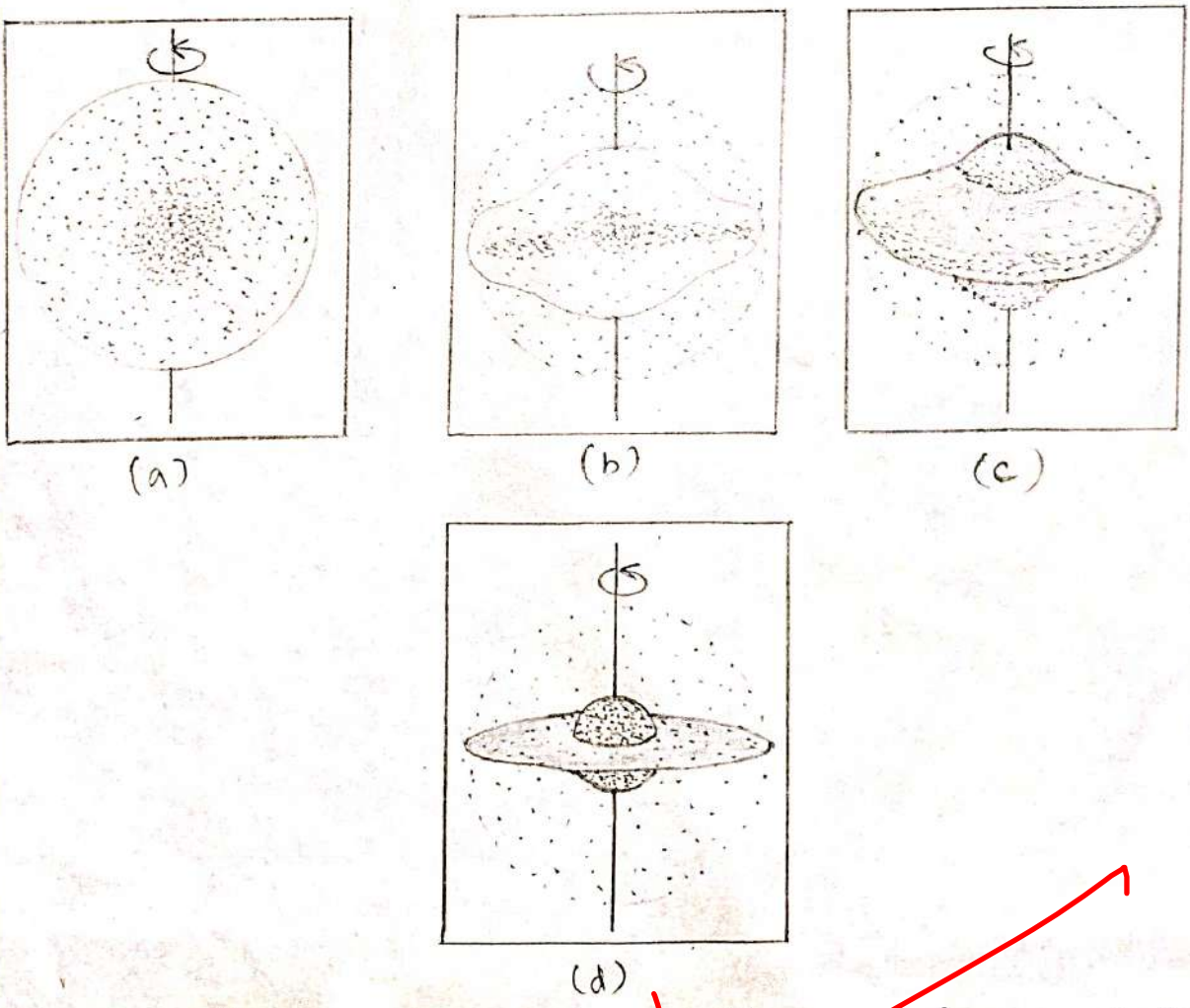


Fig.: Evolution of galaxy from ('a' to 'd') starting from a spherical cloud of gas and settling into the flattened disk shape of today.

DIFFERENTIAL ROTATION OF THE GALAXY & OORT CONSTANT:

The flatness of the Milky Way is already suggestive of a general rotation about an axis normal to the galactic plane. Observations of the motions both of stars and of interstellar gas have confirmed this rotation and shown it to be differential. This means that the angular velocity of rotation depends on the distance from the galactic centre. Thus the Milky Way does not rotate like a rigid body. Near the sun, the rotational velocity decreases with radius.

To understand the concept of differential rotation, let us consider the motion of a star in the Galaxy. Suppose, the whole mass of the galaxy is concentrated at its centre and the stars moves like planets round the Sun on orbits called the Keplerian orbits.

Thus, the angular velocity of a star at a distance r from the centre is,

$$\omega_{kep}(r) = \left[\frac{G M_{gal}}{r^3}\right]^{1/2} \quad \text{——— (1)}$$

where, M_{gal} is the mass of the Galaxy.

We know, $v = \omega r$

So, Rotational velocity of the star is,

$$V_\phi(r) \propto r^{-1/2} \quad \text{——— (2)}$$

Now, if the stars in the Galaxy are embedded as particles in a rigid body, then the angular velocity

ω of stars would have been constant, independent of its distance from the centre and the rotational velocity $V_\phi(R)$ of a star in a such a system is,

$$V_\phi(R) \propto R \quad \text{——— (3)}$$

Comparing (2) and (3), shows that the nature of the dependence of rotational velocity on the distance from the centre is different in the two cases – the Keplerian motion and rigid body rotation.

When different components of a system rotate independently, the rotation is known as differential rotation.

Oort constants :

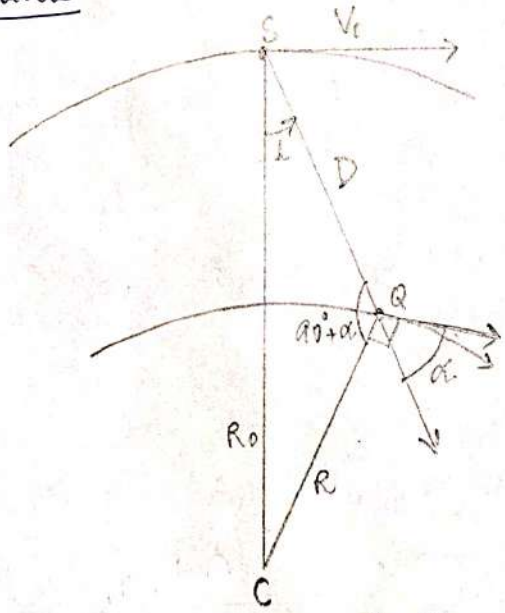


Fig: Geometry of the differential galactic rotation for stars closer to the sun.

Consider the velocity vectors of the Sun (S) and a star (Q) with respect to the galactic centre (C). Let us assume that the Sun and the star are at a distance of R_0 and R from C and let D be the distance between the Sun and the star. Let V_0 be the Sun's rotational speed

and V be the star's rotational speed; both assumed here to be on circular orbits for simplicity.

Let us also assume that 'l' is the angle between the direction of the galactic centre and the direction of the star from the Sun. This is known as the galactic longitude of the star. The Sun-star direction makes an angle α with the velocity vector of the star. If 'ω_0' and 'ω' be the angular velocities of the Sun and the star.

Then, we can write,

$$\omega_0 = \frac{V_0}{R_0} \quad \text{——} (1)$$

and $$\omega = \frac{V}{R} \quad \text{——} (2)$$

The Radial velocity of star with respect to the Sun, V_R is,

$$V_R = V\cos\alpha - V_0 \sin l \quad \text{——} (3)$$

Using (1), (2) in (3), we get,

$$V_R = \omega R\cos\alpha - \omega_0 R_0 \sin l \quad \text{——} (4)$$

In ΔQSC, ~~the a~~

$$\angle SQC = 90^\circ + \alpha .$$

Using law of sines, we have,

$$\frac{\sin(90+\alpha)}{R_0} = \frac{\sin l}{R}$$

$$\Rightarrow \cos\alpha = \frac{R_0}{R}\sin l \quad \text{——} (5)$$

Using (5) in (4), we get,

$$V_R = (\omega - \omega_0)R_0 \sin l \quad \text{——} (6)$$

lly, the tangential component of the velocity of star with respect to the Sun Ps,

$$V_t = V \sin\alpha - V_0 \cos l$$

$$\Rightarrow V_t = (\omega - \omega_0) R_0 \cos l - \omega D \quad \text{——— (7)}$$

In solar neighbourhood, $D << R_0$, so the angular velocity of the star Ps,

$$\omega = \omega_0 + \left(\frac{d\omega}{dR}\right)_{R_0} (R - R_0) \quad \text{——— (8)}$$

If we define constant A as,

$$\boxed{A = -\frac{R_0}{2}\left(\frac{d\omega}{dR}\right)_{R_0} = \frac{1}{2}\left[\frac{V_0}{R_0} - \left(\frac{dV}{dR}\right)_{R_0}\right]}$$

then, the radial component of the velocity of a nearby star Ps,

$$V_R = -2A(R - R_0)\sin l = AD \sin(2l)$$

For $D << R_0$, $(R_0 - R) \sim D \cos l$

So, the tangential velocity of the star Ps,

$$V_t = D[A\cos(2l) + B]$$

where, $B = -\frac{R_0}{2}\left(\frac{d\omega}{dR}\right)_{R_0} - \omega_0$

Since, $V_0 = \omega_0 R_0$, so,

$$\boxed{B = -\frac{1}{2}\left[\frac{V_0}{R_0} + \left(\frac{dV}{dR}\right)_{R_0}\right]}$$

The constants A and B are called Oort constants.

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ASSIGNMENT
ON
ASTRONOMY AND ASTROPHYSICS

(BSC. 5TH SEMESTER)

TOPIC : STARS FROM BIRTH TO DEATH

SUBMITTED TO

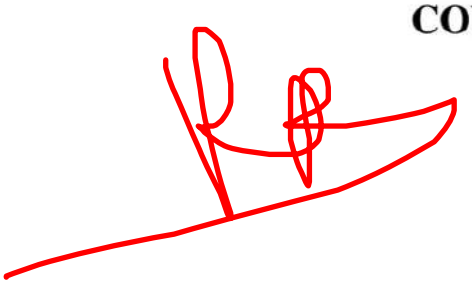
DR. RASHMI PATOWARY

SUBMITTED BY

ROHIT KUMAR SAH

ROLL NO. : 175

COURSE : DSE 2



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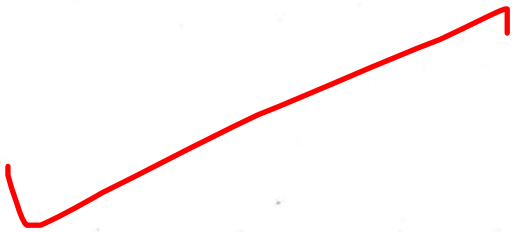


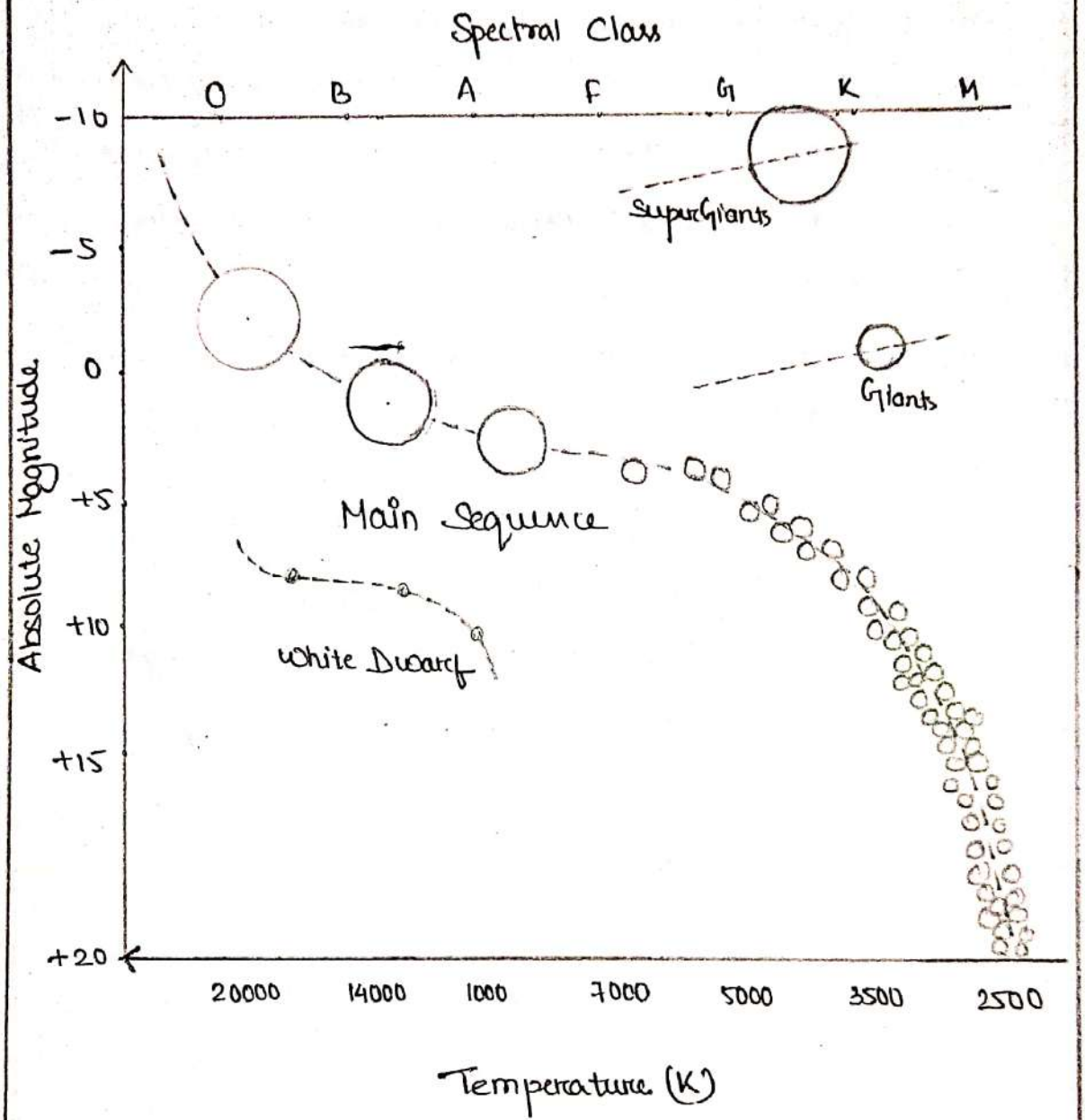
1. WHAT IS A STAR ?

Stars are hot bodies of glowing gas that start their life in Nebulae. They vary in size, mass and temperature, diameters ranging from 450x smaller to over 1000x larger than that of the sun.

The colour of a star is determined by its temperature, the hottest stars are blue and the coolest stars are red. The sun has a surface temperature of 5000°c, and its colour appears yellow.

The energy produced by the star is by nuclear fusion in the stars core. The brightness is measured in magnitude, the brighter the star the lower the magnitude goes down.

Stars can be plotted on a graph using the Hertzsprung Russel Diagram.



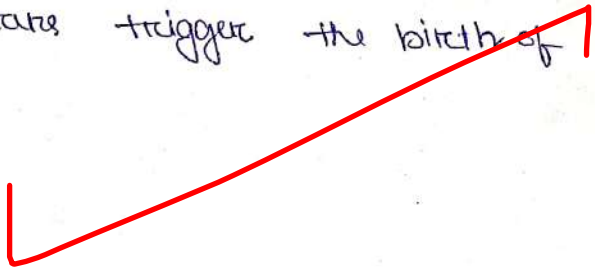
2. HOW STARS ARE BORN

Stars are born within the clouds of dust and scattered throughout most galaxies. A familiar example of such as a dust cloud is the Orion Nebula. Turbulence deep within these clouds give rise to knots with sufficient mass that the gas and dust can begin to collapse under its own gravitational attraction.

As the cloud collapses, the material at the centre begins to heat up known as protostar, It is the hot core at the heart of the collapsing cloud that will one day become a star.

3. DEATH OF A STAR

After the formation of a star. All stars eventually run out their hydrogen gas fuel and die. The way a star dies depends on how much matter it's contains — its mass. As the hydrogen runs out, A star with similar mass to our sun will expand and become a red giant. When a high-mass stars has no hydrogen left to burn. It expands and become a red supergiant. While most stars quietly fade away, the supergiants destroy themselves in a huge explosion, called a supernova. The death of massive stars trigger the birth of other stars.



4. LIFE CYCLE OF A STAR

5. THE LIFE OF A STAR (VARIOUS STAGES)

1. Small Stars

Stage-1 :- Stars are born in the region of high density Nebula, and condenses into a huge globe of gas and dust and contracts under its own gravity.

Stage-2 :- A region of condensing matter will begin to heat up and start to glow forming protostar. If a protostar contains enough matter the central temperature reaches 15 million degree centigrade.

Stage-3 :- At this temperature, nuclear reactions in which hydrogen fuses to form helium can start

Stage-4 :- The star begins to release energy, stopping it from contracting even more and causes it to shine. It is now a Main Sequence Star.

Stage-5 :- A star of one solar mass remains in main sequence for about 10 billion years, until all of the hydrogen has fused to form helium.

Stage-6 :- The helium core now starts to contract further and reactions begin to occur in a shell around the core.

Stage-7 :- The core is not enough for the helium to fuse to form carbon. The outer layers begin to expand, cool and shine less brightly. The expanding star is now called a Red Giant.

Stage-8 :- The helium core runs out, and the outer layers drift of away from the core as a gaseous shell, this gas that surrounds the core is called a Planetary Nebula.

Stage-9 :- The remaining core (that 80% of the original star) is now in its final stages. The core becomes a white Dwarf the star eventually cools and dims. when

It stops shining, the now dead star is called a Black Dwarf.

2. Massive Stars

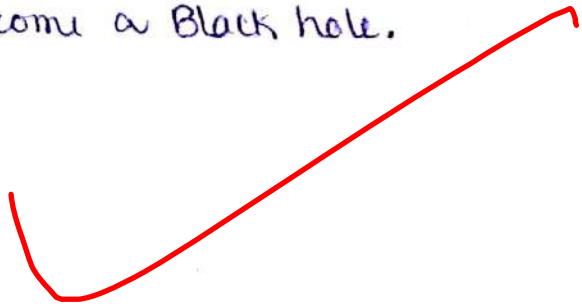
Stage-1:- Massive stars evolve in a similar way to a small stars until it reaches its main sequence stage. The stars shine steadily until the hydrogen has fused to form helium (It takes billions of years in a smaller star, but only millions in a massive star).

Stage-2:- The massive star then becomes a Red Supergiant and stars of with a helium core surrounded by a shell of cooling, expanding gas. The massive star is much bigger in its expanding stage.

Stage-3:- In the next million years a series of nuclear reactions occure forming different elements in shells around the iron core.

Stage-4 :- The core collapses in less than a second, causing an explosion called a Supernova, in which a shock wave blows off the outer layers of the star. (The actual supernova shines ~~bigger~~ brighter than the entire galaxy for a short time).

Stage-5 :- Sometimes the core survives the explosion. If the surviving core is between 1.5 - 3 solar masses it contracts to become a tiny, very dense Neutron star. If the core is much greater than 3 solar masses, the core contracts to become a Black hole.



Assignment on

The Celestial Sphere:-

(Mention about the coordinate Systems)

Submitted by

Name :- Priti Sah

Class :- BSc 5th Sem

Roll No :- 156

Sub :- DSE - II

(Astronomy and Astrophysics)

CELESTIAL SPHERE

When we look at the clear sky at night, the stars appear to be distributed on the inside surface of a vast sphere centred on the observer. This sphere is called the celestial sphere.

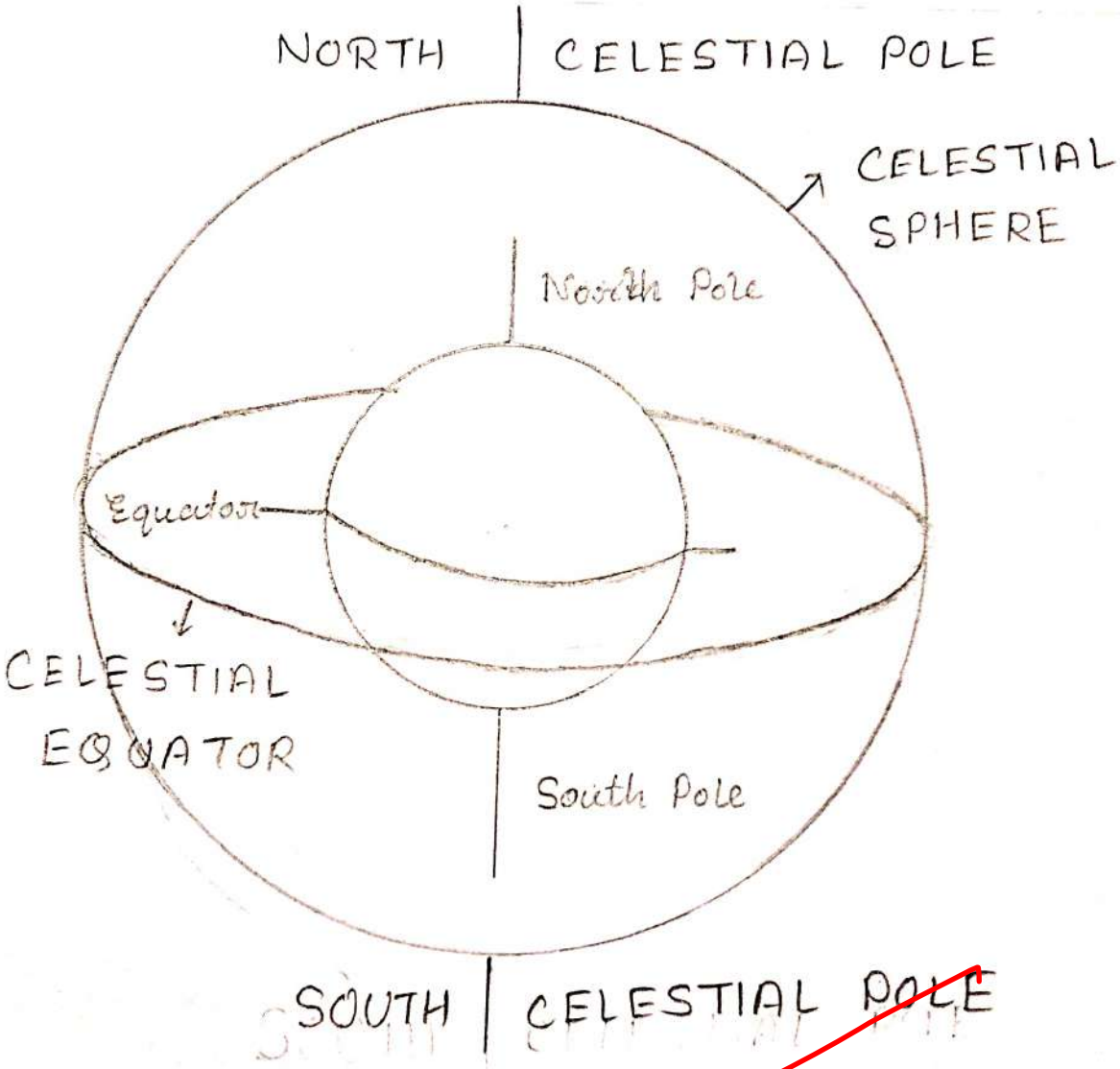


Fig :- The celestial sphere centred on the observer

ASTRONOMICAL COORDINATE SYSTEMS

Geographical Coordinates :-

Any place on the Earth is specified by two coordinates :- geographical latitude and geographical longitude.

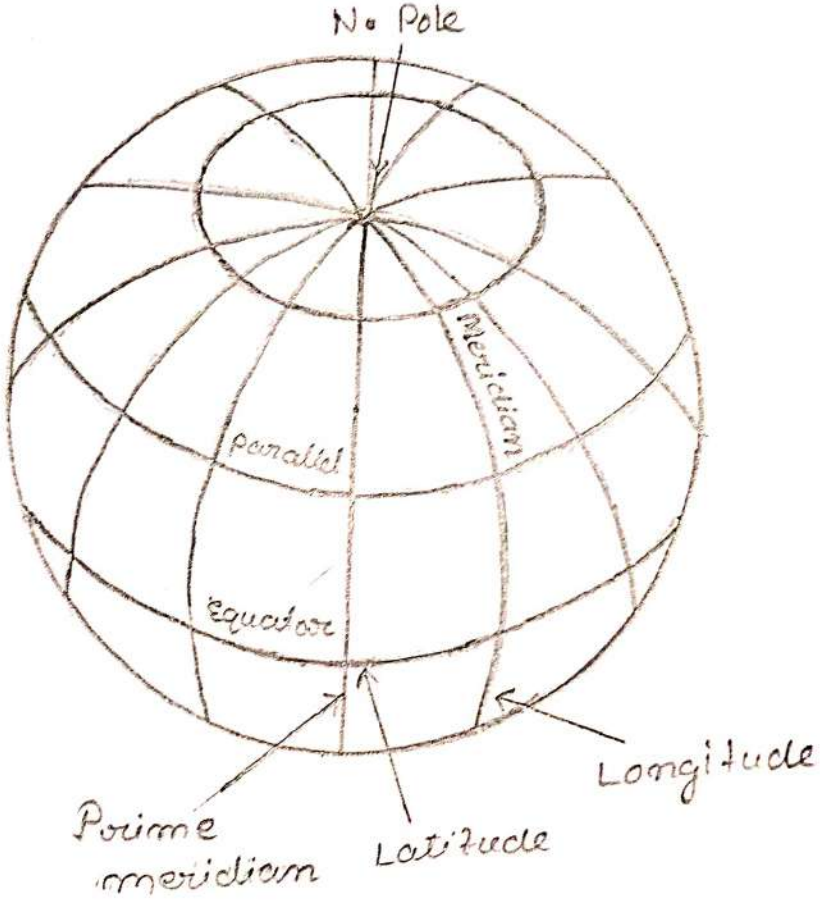


Fig :- The geographical coordinates uniquely define any position on the Earth's surface

The line joining the poles is always perpendicular to the equator.

The circles parallel to the equator are the circles of latitude. The great circle drawn through the north and south poles are called the circles of longitude.

The great circle passing through P is called its meridian.

The longitude - latitude system illustrate the principle of an astronomical coordinate system.

i) A fundamental great circle, and

ii) A reference point, or origin on the chosen great circle.

Depending on the choice of these two references, we describe the following coordinates system, which are most often used in astronomy :-

1. Horizon System.

2. Equatorial system.

Horizon System :-

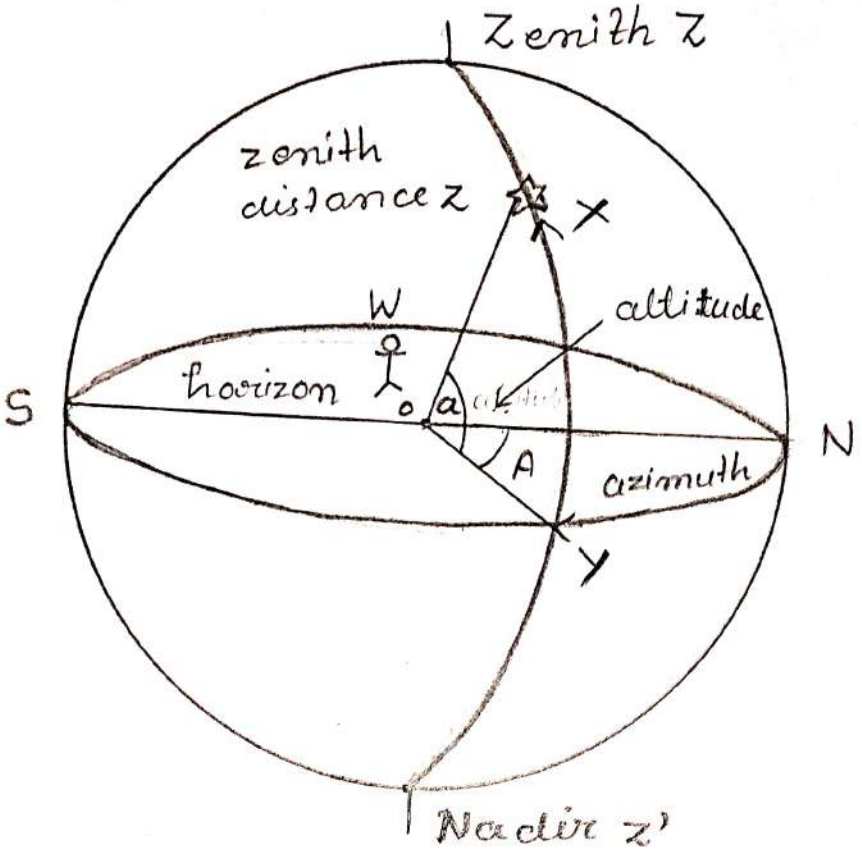


Fig :- Horizon coordinate system

Let x be the celestial body, say a star. You can now fin the coordinates of x in this system.

Draw the greeet circle ZXZ' through the star X. Let it interseet the horizon at Y

The position of x in the horizon system is defined with respeet to the horizon and reference point N or S

One coordinate of X is the arc YX, called the altitude.

To fix the other coordinate, choose N as the origin. Then the arc length NY is the second coordinate, called the azimuth.

The position of X from the zenith, the arc ZX = 90 − a, is called the zenith distance and is denoted by z.

Thus, in the horizon system the position of X can be specified by the coordinates (A, a) or (A, z).

Horizon coordinate system :-

Horizon coordinates : (A, a) or (A, z)

The azimuth, A is the arc length NY along the horizon if N is taken as the origin.

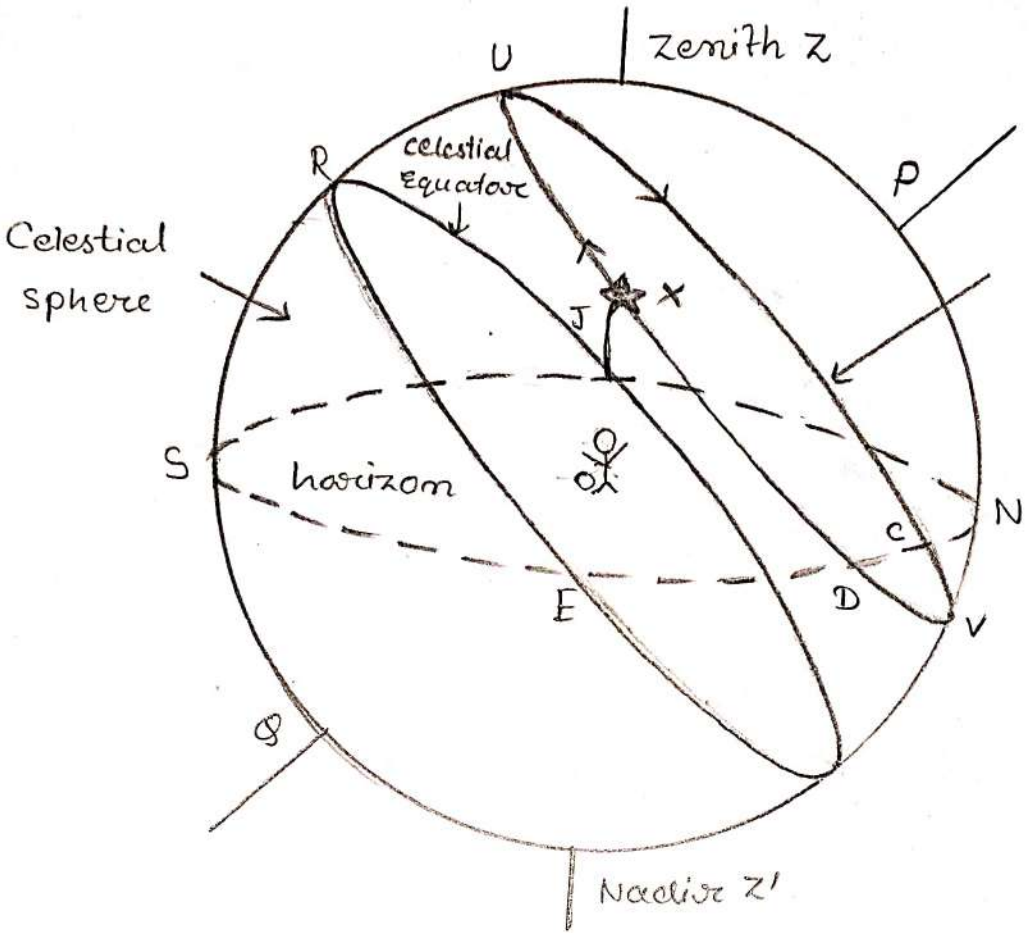
The altitude, a is the arc length YX along the great circle ZXYZ' containing the zenith and the star.

The zenith distance, z is the arc length ZX from the zenith to the star on the great circle ZXYZ'

Fundamental great circle : Horizon

Reference point : The points of intersection N or S of the horizon and the observer's meridian.

Equatorial System :-



Consider the celestial sphere for an observer O. The great circle whose plane is parallel to the equatorial plane of the earth, and contains the centre O of the celestial sphere is called the celestial equator. P and Q are the poles of the celestial equator. P is the north celestial pole and Q, the south celestial pole. These poles are directly above the north and south terrestrial poles - ~~As~~ the point P also points to the pole star.

The great circle NESW is the observer's horizon with zenith z as its pole and RWTE is the celestial equator for which P and Q are poles.

The celestial equator and observer's horizon intersect in two points, E and W. called East and West points.

Any semi-great circle through north and south celestial poles P and Q is called a meridian, the full great circle through the observer's zenith (PZRQT) is called the observer's meridian or the local meridian.

Local Equatorial system:-

Local Equatorial coordinates : (H, δ)

Now, suppose we want to define the equatorial coordinates of a star X. The celestial equator (RWTE) is the fundamental great circle in this system. The reference point is R, the point of intersection of the observer's meridian (ZRQP) and the celestial equator above the horizon.

The semi-great circle PXQ is known as the hour circle of the star X. It is called hour circle because it indicates the time elapsed since the star was on the upper transit on the

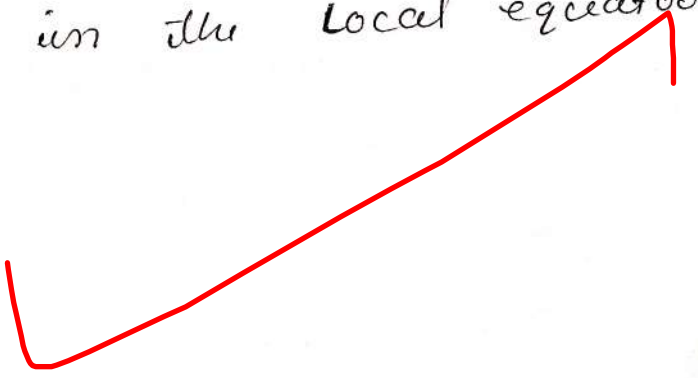
Observer's meridian. Let the hour circle of X intersect the celestial equator at J.

One coordinate of the star X is given by the great circle arc RJ along the celestial equator. It is called the hour angle (H) of the star. It is measured towards west from 0 to 24 hours.

The other coordinate required to define the position of the star is the circle arc JX from the equator along the star's hour circle. It is called declination (δ).

As the path of diurnal motion of the star is parallel to the celestial equator, the declination δ, of a given star does not change during the diurnal motion.

The hour angle and the declination specify the position of the star in the local equatorial system.



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ASSIGNMENT
ON
ASTRONOMY AND ASTROPHYSICS

(BSC. 5TH SEMESTER)

TOPIC : Measurement of Time, Sidereal Time, Apparent Solar Time, Mean Solar Time, Equation of Time, Calendar.

SUBMITTED TO
DR. RASHMI PATOWARY

SUBMITTED BY
PANKAJ DAHAL
ROLL NO. : 143
COURSE : DSE 2

CONTENTS

Measurement of Time :-

The basic unit of time, the day, is defined as the time required for the Earth to rotate once on its axis. If this rotation is considered with respect to the Sun then the time for one rotation relative to the Sun is the solar day, i.e the time from one sunrise to the next sunrise.

On the other hand, rotation period of the Earth relative to the stars is called a sidereal day. The sidereal day is different from a solar day. This difference arises due to the Earth's revolution around the Sun.

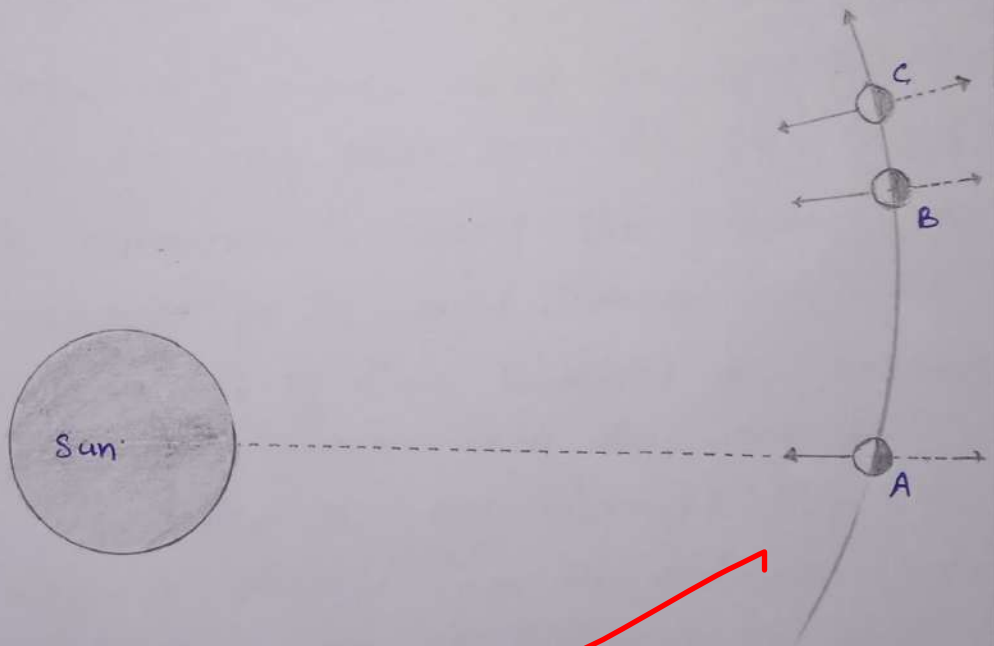


Fig: The difference between one sidereal day and one solar day

Initially Earth is at A and observer points towards sun and at position B, the arrow does not point to sun. And at C it finally it points towards sun.

The time from A to C is equal to one Solar day, while the time from A to B is equal to one Sidereal day.

Thus

A to C → 24 hrs (one Solar day)

A to B → 23 hrs 56 min (one sidereal day)

Sidereal Time :-

Due to the rotation of the Earth, the Vernal equinox ♈, moves along the equator once in 24 hours like any other star. The hour angle ♈ for an observer is called the sidereal time for that observer or the local sidereal time (LST)

The interval of time between two successive transits of Vernal equinox over the same meridian is defined as one sidereal day. one Sidereal day is divided into 24 Sidereal hours, one sidereal hour into 60 sidereal minutes and one sidereal minute into 60 sidereal seconds.

In fig:

NWSE is the horizon. P and Z are the north celestial pole and the zenith respectively.

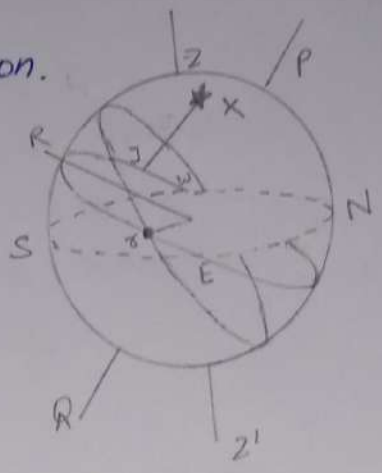


fig: Sidereal time

The hour angle of Vernal equinox is the great circle arc $R\gamma$ measured towards the west from the observer's meridian. When γ is at R, at upper transit on the observer's meridian, its hour angle is 0^h and consequently the local Sidereal time (LST) is 0^h at this instant.

Let X be the position of a star as shown above. The arc RJ is the hour angle of X and the arc γJ is the right ascension of X.

We have, $R\gamma = RJ + \gamma J$

$$\therefore \boxed{LST = HAX + RAX}$$

HAX = hour angle of X.

RAX = right ascension of X.

Apparent Solar Time :-

The hour angle of the sun at any instant is the apparent solar time. The interval between two consecutive transits of the sun over the same meridian is called one apparent solar day.

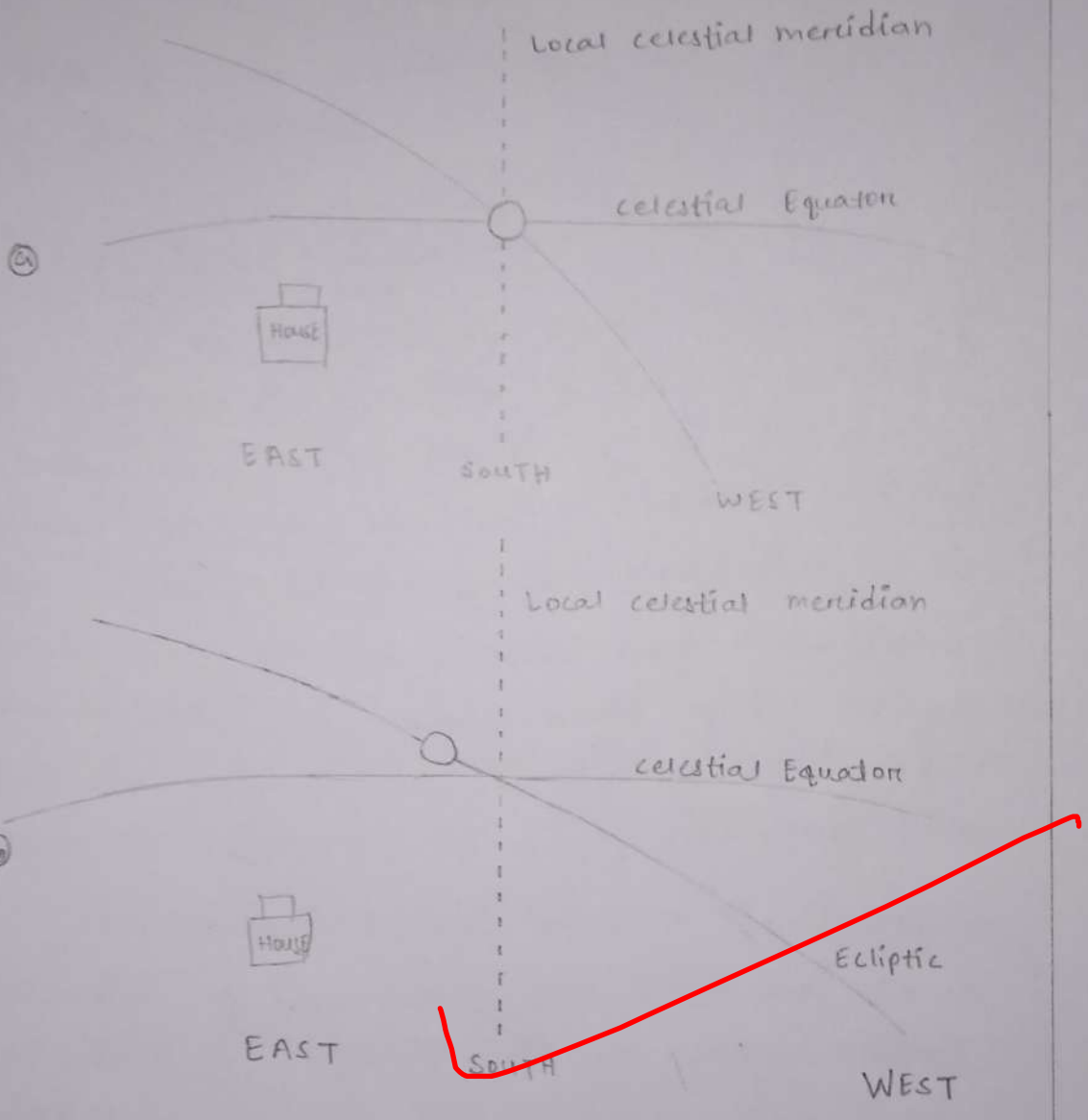


Fig: Apparent Solar day

The time based on the motion of the Sun is not uniform. The non-uniformity in the Solar time is due to two reasons.

* The path of apparent motion of the sun is eliptical not circular (moves at non uniform rate)

* The sun's apparent motion is in the plane of the ecliptic and not in the plane of the equator.

Mean Solar Time:-

A fictitious body called the mean Sun is introduced in order to have a uniform solar time. The mean sun is supposed to move uniformly (i.e in a circular path) along the equator completing one revolution in the same time as the actual sun does round the ecliptic. The hour angle of the mean Sun at any instant is defined as the Mean Solar time (MST) or simply, the Mean Time.

The time interval between the successive transits of the mean sun over the same meridian is defined as the mean solar day.

The mean solar day is subdivided into hours, minutes and seconds.

The time of Greenwich meridian is called the Greenwich mean time (GMT). The Earth completes one rotation on its axis, i.e 360 degrees of longitude in 24 hours. each degree of longitude corresponds to 4 minutes of time. Therefore GMT at a given instant is related to the mean time of any other place by a simple relation.

Local Mean time, $\boxed{LMT = GMT \pm \lambda}$

where λ is the geographical longitude of the place expressed in units of time.

λ is to be taken as positive if the longitude of the place is east of Greenwich, and negative if it is west of Greenwich.

Equation of Time:-

we know that,

$$LST = HA\odot + RA\odot \quad \text{---} (1)$$

Where,

$HA\odot$ is the symbol of hour angle for the sun.

RA⊙ is the symbol of right ascension of the mean sun.

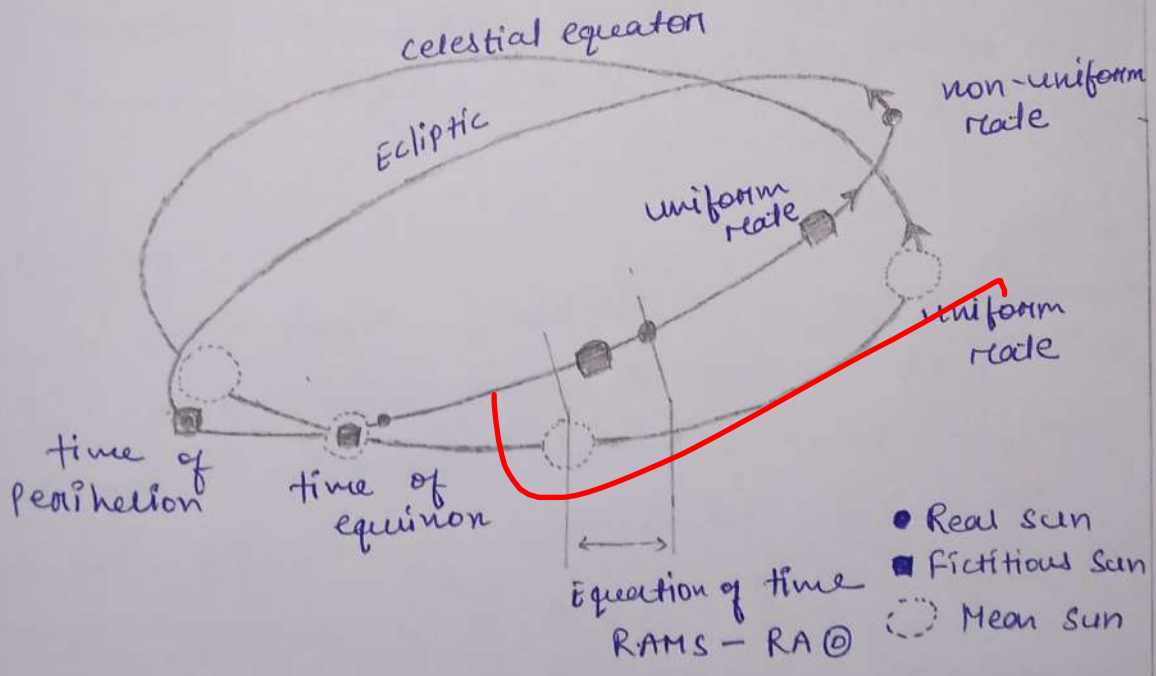
using —① for the sun and the mean sun, we can write

$$RAMS - RA\odot = HA\odot - HAMS \quad —②$$

where,

HAMS is the symbol of hour angle for the mean sun
RAMS is the symbol of right ascension of the mean sun.

The difference in RAMS and RA⊙ at a given instant is called Equation of time.



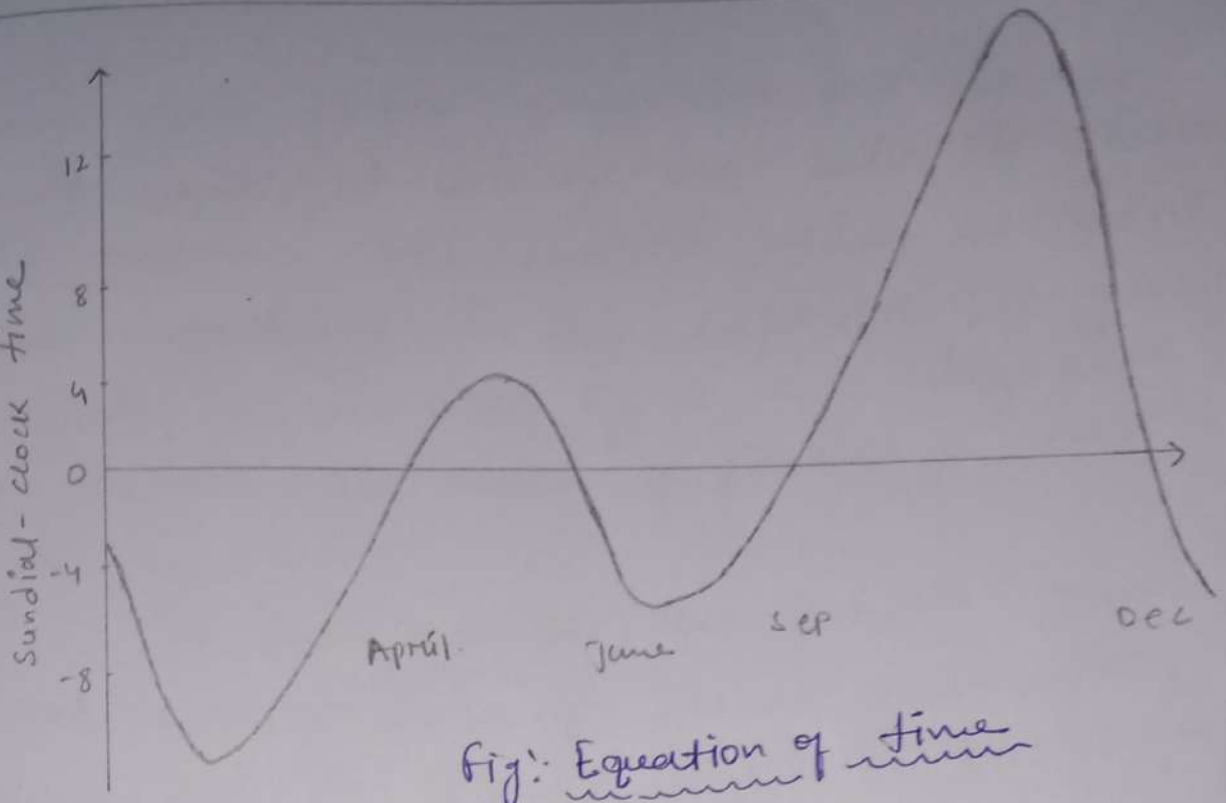


Fig: Equation of time

Thus, we have

$$ET = HA\odot - HAMS$$

* The equation time vanishes 4 times during the year on or about April 16, June 14, September 1, and December 25.

Calendar:-

The civil year contains an integral number of 365 mean solar days. As the actual period of Earth's revolution, called a tropical year contains 365.2422 mean solar days, a fraction 0.2422 of a day is omitted each year. This resulted in the loss of a number of

days over several centuries and the civil year would get out of step with the seasons. To overcome this earlier Julian calender was introduced. In this calender, a year which is divisible by 4, is a leap year in which the month of February has 29 days.

In this calendar, the tropical year was assumed to be of 365.25 mean solar days, but its actual length is 365.2422 mean solar days.

To overcome this problem, Geogorian calendar was introduced in 1582. This makes the average civil year to consist of 365.2425 mean solar days, which is very close to the true length of the tropical year.

B. Sc.

Sl. N.	Date	Name of the Student	Sem. Roll. No.	Topic	Remark
1.	30.04.2022	Subhrajit Nath	6th, 02	Alpha, Beta and Gamma Radiation.	
2.	30.04.2022	Swapan Limbu	6th, 26	How all of thermodynamics is derivable from '2' statistical postulates.	
3.	18/05/2022	① Tapan Dahal ② Dhrishman Debnath	6th, 95 6th, 52	· The Compton Effect	
4.	18/05/2022	Nirmal Timsina	6th, 101	Classical Theory of Radiation.	
5.	18/05/2022	Dibojyoti Sonowal	6th, 22	Compton Effect	
6.	19/05/22	Bimal Ghimire	6th, 46	Image Method For Finding Electric Fied	
7.	19/05/22	Rohit Kumar Singh & Anmol Kumar Shah	6th, 102 & 35	An Introduction to Blackhole	
8.	19/05/22	Am Kumar Chetry	6th, 47	Nuclear Radiation Detector (Gas filled detector)	
9.	20/5/22	Kunal Kaustav Nath	6th, 03	Scanning Electron Microscope	
10.	20/5/22	Rythm Dutta	6th, 94	Tunneling Electron Microscope	

P. G.

Sl. No	Date	Name of the student	Sem, Roll No	Topic	Remark
1.	30.04.2022	Kunal Upadhyay	PG2, 04		
2.	30.04.2022	Khirupraya Koncar	PG2, 03	Study of OP-AMP as an inverting and non-inverting Amplifier.	
3.	30.04.2022	Kaushik Deka	PG4,	Thin films.	
4.	30.04.2022	Sangkita Baruah	PG4, 15	Ferroelectrics	
5.	14/05/2022	Sanjoy Thapa	PG4	Acoustic of Buildings	
6.	19/05/2022	Saurav Bordhaw	PG2	RC-Coupled Amplifier.	
7.	18/05/2022	Ranjit Neogpane	PG4	8051 Microcontroler.	
8.	18/05/2022	Sapta Sikha Chakraborty	PG4	Liquide Drop Model	
9.	19/05/2022	Monuj Das Saikia	PG4	Decoder	
10.	19/05/22	Bisuajit Hazarika	PG.4	Fan-in & Fan-out	

30.04.2022 Seminar Presentation

B.Sc. 6th Sem, PG-4th Sem, PG-2nd Sem
Dept. of Physics.

Name	Sem	Name	Sem
Tapan Dahal	6th	Himani Gurung	BSc 2nd Sem
Bimal Ghimire	6th.	Ch. Priyanka	BSc. 2nd Sem
Sutirajit Nath	6th	Gifteema Kishan.	B.Sc 2nd Sem
Abhilekh Dutta	6th.	Kaushik Karmakar.	B.Sc 2nd Sem
Dhritiman Debnath	6th	Prakash Mandal	B.Sc. 2nd Sem.
Arn kumar Chetry	6th.	Nartu Hemant	B.Sc 2nd Sem
Samujjal Sarkar	4th	Sushanta Banik	BSc 2nd Sem
Joydeep Sur	4th	Kangkana Gogoi	M.Sc 4th sem
Pradyumna Sharma	4th	Gayatri Phukan	M.Sc 4th sem
Baruun Kr Chetry	4th	Silpisikha Baruah	M.Sc 4th Sem
Mayur Raj Handique	4th	Debangshee Paul	BSc. 4th sem.
Uddhab Upadhaya	4th	Sushmita gogoi	"
Saurav Bardhan	M.Sc (2nd)	Amarendra Singh	"
Shyam Sundar Boruah	M.Sc (2nd)	Prakash Thapa	"
Rahul Kr Rauf	M.Sc (2nd)	Rideep Sutradhar	"
Rohit kumar Sah	BSc (4th Sem)	Sandipan Choudhury	"
Pankaj Dahal	Bsc (4th Sem)	Ankit Mahato	"
Koushik Deka	M.Sc (4th sem)	Kunal Kaustav Nath	BSc 6th sem.
Sangstuta Baruah	M.Sc (4th Sem)		
Sanjay Thapa	"	Shivam Kr Sah.	B.Sc 4th Sem.
Abhinab Paul	"	~~Rohit S~~	———
Gayatri Devi Sonowal	M.Sc 4th Sem.	Saswata Roy Purkayastha	M.Sc 2nd Sem.
Barsha Kurmi	BSc (4th Sem).	Aunkita Kundu	M.Sc 2nd sem
Gayatri Thapa	BSc. (4th Sem).	Khirupsava Konwar	M.Sc 2nd sem
Abhijit Buragohain	B.Sc (6th Sem)	Sahil Harijan	B.Sc. 2nd Sem
Rohit Kumar Singh	BSc (6th Sem)	Deb Pradhan	B " "
Anmol kumar Sah	B.Sc (6th Sem)	Pushpajit Kr Singh	BSc. 2nd Sem
Swapan Limbu	B.Sc (6th Sem)	Dawa Sherpa	B.Sc 2nd Sem
Shreiya Paul	B.Sc (2nd Sem)	Nirmal Timsina	B.Sc 6th Sem
Rajni Sharma	BSc (2nd Sem)	Bhaskar Bora	BSc 6th Sem
Kabita Sonar	BSc (2nd Sem)	Rhydhum Dutta	BSc 6th Sem
Pari Gogoi	BSc (2nd Sem)	Bishal Das	BSc 6th Sem
Tara Konwar	BSc (2nd Sem)	Aditya Bhuyan	BSc 6th Sem

Signatures of Faculties

Dr. Rashmi Patowary — [signature] 30/4/2022.

Dr. Deep Kr. Kuri — [signature] 30/4/2022

Dr. Dibyajyoti Kakoti — [signature] 30/04/2022

Sanat Kumar Gogoi [signature] 30/4/22

Dr Kanchan Konwar [signature] 30/4/2022

30.04.2022 Seminar Presentation

B.Sc. 6th Sem, PG2, PG4.

NAME	SEM	NAME	SEM
Dibajyoti Sonowal	6th Sem		
Bikash Rai	"		
Dinesh Sharma	"		
Diganta Kalita	"		
Raj Roy	"		

02.04.2022

B.Sc. 6th Semester

1. TOPIC : Particle Accelerator

Presented by : Subhajit ~~Bhattacharjee~~ (B.Sc. 6th Semester).

2. TOPIC : Semi- Empirical Mass formula

Bimal Ghimire (B.Sc. 6th Semester).

3. TOPIC : Linear Accelerator

Rytum Dutta (B.Sc. 6th Semester).

4.

Attendance (B.Sc 6th Semester).

Name

Semester

Roll No	Name	
	Subhajit Bhattacharjee.	
	Bimal Ghimire.	
	Kunal	
	Am Kumar Chetry	
	Bhaskar Bora	
	Bishal Das	
	Rohit	
	Diganta	
	Anmol K. Shah	
	Bibek Rai	
	Dibojyati Sonowal	
	Nirmal Timsina	
	Raj Roy.	
	Jonni Sharma	
	Bobita Mittal	
	Tapan Dahal	
	Dhritiman Debnath	
	Swapan Limbu	
	Lythm Dutta	
	Abhijit Bargohain	
	Richard Jagai	
	Sanghita Baruah.	M. Sc. 4th
	Gayatri Phukan.	"
	Koushika Deka	"
	Rajeet Neupane.	"
	Jonmani Nath	"
	Nishant Kashyap.	"

Absentee :

P. G.

Sl No.	Date	Name of Student	Sem	Roll No.	Topic.
11	19-05-22	Gayatri Devi Sonowal	PG-4,	5	Semiconductor Laser
12	19-05-22	Gayatri Phukan	PG-4,	6	Microprocessor
13	19-05-22	Abhinab Paul	PG-4,	1	Nuclear Power Plant
14	19-05-22	Nishanta Kashyap	PG-4,	12	Optical Fiber
15	19-05-22	Dakhina Duorah	PG-4,	4	Dielectrics.
16	19-05-22	Silpisikha Baruah	PG-4,	18	BCS
17	20-05-22	Shyamsundar Barah	PG-2,	11	"R-2R Ladder Network DAC"
18.	20-05-22	Sasmita Roy	PG-2,	9	Study of Astable, monostable and bistable multivibrator.

Attendance 14/05/2022

1. Sanat Kumar Gogoi	Ast. Prof.	14/05/2022
2. Dr. Deep Kumar Kuri	"	14/5/2022
3. Dr R. Pateway	"	14/5/2022
4.		
5.		

Semester	R. No.	Name.
BSc 4th Sem	10	Achal Shah
"	201	Sruti Sharma
"	156	Priti Sah
"	208	Sushmita Gogoi
"	62	Kabangshee Paw.
M. Sc 4th	16	Sanjay Thapa
M. Sc 4th	9	Koushik Deka
M. Sc 2nd	10	Sourav Bardhan
B. S.c 4th	100	Joydeep Sur
B. Sc 6th Sem	78	Bhaskar Bora.
BSc 4th Sem	183	Sandipan Choudhury
B. Sc 6th sem	25	Abhishek Dutta...
B. SC 6th sem	44	Rati Roy.
B. Sc 6th Sem	93	Jahnavi Sharma
B. Sc 4th Sem	118	Mayur Raj Bandigar
B. Sc 6th sem	02	Subhrajit Nath
"	43	Bishal Das
"	95	Tapan Dalal
"	26	Swapan Limbu
"	47	A. M. kumar Chetry
B. Sc 4th Sem	193	Sibu Sharma.
BSc 4th Sem	175	Rohit kumar Sah
BSC 4th Sem	195	Srishtika Duragohain.
"	151	Pradyumna Sharma.
" " "	48	Barun Kr Chetry
" " "	21	Amarendra Singh.

B.Sc 4th Sem	148	Prakash Thapa
"	166	Rideep Sutradhar
B.Sc 4th Sem	47	Barsha Kurmi
B.Sc. 4th Sem	81	Gayatri Thapa.
B.Sc. 4th sem	66	Deepjyoti Debnath.
B.Sc 6th Sem	52	Shreetimaan Debnath
"	46	Bimal Ghimiri
"	94	Rhythm Dutta

Presentations

1. " ~~Sound~~ " Reverb Accoustic of building "

Sanjay Thapa, M.Sc. 4th semester.

2. " RC Coupled Amplifier "

Sourav Bardhan, M.Sc. 2nd semester

Attendance

18/05/2022

1. Sanat Kumar Bagori — 18/5/2022
2. Dr. Deep Kumar Kuri — 18/5/22
3. Dibyajyoti Kalita — 18/05/22
4. Dr. Sumi Bhuyan — 18/5/22
5. Romchan Konwar — 18/5/2022
6. Rashmi Pateswary — 18/5/2022

Sl. No.	Semester	R. No	Name
1	M.Sc 4th Sem	16	Sanjay Thapa
2	"	9	Koushik Deka
3.	"	17	Saptasikha Chakrabarty
4.	"	14	Ranjeet Newpane
5.	"	10	Monuj Das Saikia.
6	"	15	Sangsthita Baruah
7.	"	03	Biscoajit Hazarika.
8.	"	06	Gayatri Phukan
9.	BSc 6th Sem	95	Tapan Dalal
10.	"	26	Swapan Limbu.
11.	" "	52	Dhritiman Debnath
12.	" "	46	Bimal Ghimiri
13.	BSc 6th sem	101	Nirmal Tirkey
14.	BSc 6th sem	22	Dibojyoti Sonowal
15.	" "	02	Subrajit Nath
16	~~BSc 6th Sem~~		~~Ranjeet Newpane~~

Attendance

19-05-2022

1. Dr. Kanchan Konwar
2. Dr. Deep Kumar Kuri

Sl No.	Semester	R.No.	Name
1	M.Sc. 4th Sem	05	Gayatri Devi Sonowal
2	M.Sc. 4th Sem	06	Gayatri Phukan
3	"	9	Kousnik Deka
4	"	16	Sanjay Thapa
5)	"	14	Rodfeet Newpane
6)	Msc 4th Sem	15	Sangsthita Baruah
7)	M.Sc 4th Sem	17	Saptasikha Chakraborty
8)	B.Sc 6th Sem	35	Anmol Kumar Sah
9)	B.Sc 6th Sem	102	Rohit Kumar Singh
10)	B.Sc 6th Sem	47	Am Kumar Chetry
11)	"	16	Bimal Ghimire
12)	M.Sc. 4th Sem	10	Monuj Das Saikia
13)	M.Sc 2nd Sem	03	Khilupjava Konwar
14)	M.Sc 4th Sem	04	Dakhina Duwarah
15)	M.Sc 4th Sem	18	Silpisikha Baruah
16)	"	03	Biswajit Hazarika
17)	"	12	Dishanka Kashyap
18)	"	01	Abhinab Paul
19)	B.Sc 6th Sem	03	Kunal Kaustav Nath
20)	B.Sc 6th Sem	02	Subhrajeet Nath
21)	"	94	Rhythm Dutta

Attendance

20-05-22

1) Dr. Kanchan Konwar
2) Dr. Deep Kumar Kuri
3) Dr. Dibyajyoti Kakoti
4) Sanat Kumar Borgoi 20/5/2022
5) Dr. Sumi Bhuyan
6) Dr. Rashmi Patowary

Sl No.	Semester	R.No.	Name
1.	M.Sc II Sem	04.	Kunal Upadhayay
2.	M.Sc II Sem	01.	Abhinandan Sah.
3.	M.Sc II Sem	07	Rajjul Hazarika
4.	M.Sc II Sem	05	Mamoni Gogoi
5.	M.Sc. II Sem	09	Saswata Ray Purkayastha
6	~~M.Sc II Sem~~		
6.	M.Sc 4th Sem	15	Sangsthita Baruah
7.	M.Sc 4th Sem	18	Silpisikha Baruah
8.	M.Sc 4th Sem	04	Dakhina Duwarah
9.	"	03	Biswajit Hazarika.
10	M.Sc 4th Sem	06	Gayatri Phukan
11	B.Sc 6th Sem	94	Rhythm Dutta
12	" " "	03	Kunal Kaustav Nath
13	" " "	52	Abhinnaan Debnath

B. Sc. 4th Semester

Sl. No.	Name of the presenters	Roll No.	Topic	Date
1.)	1. Jayatri Thapa 2. Harsha Kurmi	81 47	Hydrogen line or 21cm line	Good 23/05/22
2.)	1). Deepjyoti Debnath 2) Amarendra Singh	66 21	Davisson-Cremer Experiment	23/05/22
3.)	1) Shivam Ladda 2) Siddhartha Buragohain		Photoelectric Effect	31/05/22
4.)	1) Sibu Sharma 2) Bikram Gogoi	193 50	Gauss's Law	31/05/22
5)	1) K. Yaugtesh 2) Rohit Kumar Shah	103 175	Liquid Drop Model	"
6)	1) Pradyumna Sarmah 2) Samujjal Saikar	151 187	Special Theory of Relativity	"
7)	1) Susmita Gogoi Debangshee Paul		Nuclear Reactor	"
8)	Ankit Kumar Mahato	31	Half Wave Rectifier	01/06/22
9)	1) Uddhab Upadhaya 2) Pankaj Dahal	217 143	Data Converter	01/06/22

~~Date 23/05/2022~~

Seminar Attendance

Date 23/05/2022

1. Sarat Kumar Rajgoi — 23/5/22
2. Dibyajyoti Kalita — 23/05/22
3. Kanchan Kerwar — 23/5/2022
4. Rashmi Patowary — 23/5/2022

Sl. No.	Roll No.	Name.	Sem.	Signature
01	02	Subhrajit Nath	6th	Subhrajit
02	52	Shrutimaan Debnath	"	Shrutimaan
03	26	Swapan Limbu	"	Swapan
04	100	Joydeep Sur	4th	Joydeep
05	217	Uddhab Upadhaya	"	Uddhab
06	143	Pankaj Sahal	"	Pankaj
07	175	Rohit kumar Sah	"	Rohit
08	103	K. Yangdesh	"	Yangdesh
09	183	Sandipan Choudhury	4th	Sandipan
10	47	Barsha Kerome	4th	Barsha
11	81	Gayatri Thapa	"	Gayatri
12	66	Deepjyoti Kalita	"	Deepjyoti
13	21	Amarendra Singh	"	A. Singh
14	62	Kabangshee Paul	"	Kpaul

Seminar Attendance.

1. Dr. Deep Kumar Kuri — 31/5/22
2. Dr. Dibyajyoti Kakoti — 31/05/22
3. Dr. Sumi Bhuyan — 31/5/22
4. Sanat Kumar Kurogori — 31/5/2022

Sl No.	Roll No.	Name	Sem.	Signature.
1)	100	Joydeep Sur	4th	Joydeep Sur
2)	181	Samujjal Sankar	4th	Samujjal Sankar
3)	151	Pradyumna Sharma	4th	Pradyumna S-
4)	193	Sebu Sharomi	4th	Sebu Sharomi
5)	50	Bikram Gogoi	4th	Bikram Gogoi
6)	175	Rohit Kumar Sah	4th	Rohit Kumar Sah
7)	103	K. Yangtesh	4th	Yangtesh
8)	143	Pankaj Dahal	4th	Pankaj
9)	217	Uddhab Upadhaya	"	U. Upadhaya
10)	62	~~Amaru~~ Debangshu paul	4th Sem	Paul.
11)	208	Sushmita gogoi	4th Sem	Sushmita
12)	21	Amarendra Singh	4th Sem	Amarendra Singh
13)	66	Deepjyoti Debnath	4th Sem	Deb.
14)	81	Gayatri Thapa	4th Sem	Thapa.

Seminar Attendance

1. Sumi Bhuya — 31/6/2022
2. Dibyajyoti Kakoti — 01/06/22
3. Rashmi Patowary — 01/06/22
4. Kamdhan Konwar

SL no.	Roll No	Name	Sem	Sign
1)	217	Uddhab Upadhaya	(IV)	Uddhab Upadhaya
2)	143	Pankaj Dahal	4th	Pankaj Dahal
3)	31	Ankit Kumar Mahato	4th	Ankit Kumar Mahato
4)	134	Tara Konwar	II	T Konwar
5)	40	Gayeema Krishan.	2nd	Gayeema. Krishan.
(6)	189	Rumi Das	"	Rumi Das

B. Sc. 2nd Sem

Sl No	Name of the Presenters	Roll No	Topic	Date
1.	Tara Konwar	134	Electrostatical Conductors	01/06/2022
2.	Gitteema Krishan	40	~~Electric Fields~~	01/06/22.
	Rumi Das	189.	Electric Field.	01/06/22.

B.Sc. 5th Sem

Sl. No.	Name of the presenter	Roll no	Topic	Date
1.	Achal Shah	10	Structural Phase transition	1/11/2022
	Amarendra Singh	21		
	Aman Bhandari	23		
2.	Barun Kumar Chetry	48	Classification of crystals	1/11/2022
	Barsha Kumi	47		
	Ankit Kr. Mahato	31		
3	Bikram Gogoi	50	Piezoelectric effect	1/11/2022
	Debangshu Paul	62		
	Deepjyoti Debnath	66		
4.	Dinchen Pakhrin	73	Pyroelectric effect	1/11/2022
	Gayatri Thapa	81		
	Gopal Dutta	83	Ferroelectric effect	1/11/2022
5	Jaydeep Sir	100		
	K. Yangtesh	103		
	Mayur Raj Hazarika	118		

Sl No	Name of presenters	Roll no	Topic	Date
6.	Pankaj Dahal	143	Electrostrictive effect	2/11/2022
	Prakash Thapa Chowdhury	148		
	Sandipan ~~Bhattach~~	183		
7.	Shruti Sharma	201	BCS theory	2/11/2022
	Sushmita Gogoi	208		
	Uddhab Upadhyay	217		

Attendance

1) Dr. Sumi Bhuyan 02/11/2022

2) Neha Gupta 2/11/22