



RAO PAHLAD SINGH DEGREE COLLEGE

(Approved by DHE / Govt. of Haryana & Affiliated to Indira Gandhi University, Meerut)

Satnali Road Balana, Mohindergarh Haryana-123029

Telephone: 01285-241432 Fax: 241431

E-mail: rpsbalana@gmail.com, Website: www.rpsdegreecollege.org

Date: 15-03-2021

NOTICE

Head of the Physics and Geography departments are hereby requested to submit the Project / Field Report in respect to the students of B.Sc. Physics Honors 5th Semester and M.Sc. Geography 3rd semester. Last date to submit the report is 12-04-2021.

Dr. Yasraj Sharma
Dean Academic Affairs



A. Singh
15.03.21

Scheme of Examination
B. Sc. (Hons.) Physics Semester-V & VI for the sessions 2018-19

Semester-V

Paper No.	Title	Periods Per week	Total Marks	Internal Assessment	Max. Marks
Phy-501	Mathematical Physics V	3	50	10	40
Phy-502	Electro-magnetic Theory-I	3	50	10	40
Phy-503	Statistical Physics-I	3	50	10	40
Phy-504	Physics of Materials -I	3	50	10	40
Phy-505	Electronics Devices: Physics and Application -I	3	50	10	40
Phy-506	Any one of the following				
	(a) Nano Technology (b) Environmental Physics	3 3	50 50	10 10	40 40
Phy-507	Physics Lab. V	6	75	--	75
Phy-508	Physics Lab. VI And Project	6	75	--	75
Total Marks			450		

Semester-VI

Paper No.	Title	Periods Per week	Total Marks	Internal Assessment	Max. Marks
Phy-601	Mathematical Physics VI	3	50	10	40
Phy-602	Electro-magnetic Theory-II	3	50	10	40
Phy-603	Statistical Physics-II	3	50	10	40
Phy-604	Physics of Materials -II	3	50	10	40
Phy-605	Electronics Devices: Physics and Application -II	3	50	10	40
Phy-606	Any one of the following				
	(a) Nano Technology (b) Environmental Physics	3 3	50 50	10 10	40 40
Phy-607	Physics Lab. VII	6	75	---	75
Phy-608	Physics Lab. VIII And Project	6	75	---	75
Total Marks			450		

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M. Sc. Geography
Semester - III

Core Courses (CC)

Sr. No.	Course Code	Nomenclature of the course	Credits				Contact Hrs/week	Maximum Marks			Total
			L	T	P	Total		Theory	IA	P	
1	GEOG301	Regional development and Planning with special reference to India	4	0	0	4	4	80	20	0	100
2	GEOG302	Environmental Geography	4	0	0	4	4	80	20	0	100
3	GEOG303	Remote Sensing (RS)	4	0	0	4	4	80	20	0	100
4	GEOG304	Geographical Information System (GIS)	4	0	0	4	4	80	20	0	100
5	GEOG305	Seminar/Journal Club				1	-	-	-	-	25
6	GEOG306	Self-Study Paper				1	-	-	-	-	25
7	GEOG307	Lab Course-1: Visual Interpretation of Aerial Photographs	0	0	4	4	8	-	-	50	50
8	GEOG308	Lab Course-2 (Field-Work): Socio-Economic Survey & Report Writing	0	0	4	4	8	-	-	50	50

Discipline Centric Elective courses (DCEC): Any one of the following three courses

9	GEOG309	Agricultural Geography	4	0	0	4	4	80	20	0	100
10	GEOG310	Biogeography	4	0	0	4	4	80	20	0	100
11	GEOG311	Political Geography	4	0	0	4	4	80	20	0	100

Open Elective Courses (OEC): To be opted out of a pool of OECs.

To be chosen from the pool of Open Elective courses provided by the University (Excluding the OEC offered by the Dept. of Geography)

12	GEOG312	Fundamentals of Geography	3	0	0	3	3	80	20	0	100
Total						33	39				750

Total Credits: 33

Total Contact hours per week: 39

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RPS Degree College, Balana, Mahendergarh

05-04-2021

Report of Project Work Carried out by Students of B.Sc. Hons Physics 5th Semester.

Sr. No.	Roll. No.	Name of the Student	Title of the Project
1.	18HP03	Anjali	Full wave rectifier
2.	18HP16	Manisha	
3.	18HP18	Abhishck	
4.	18HP24	Preeti	
5.	18HP12	Ashish	Characteristics of PN Junction Diode
6.	18HP27	Sachin	
7.	18HP35	Rahul	
8.	18HP01	Raveena Yadav	Zener Diode as a Voltage Regulator
9.	18HP04	Anjali Yadav	
10.	18HP34	Sapna	
11.	18HP05	Divya	
12.	18HP10	Nirmal	
13.	18HP02	Mansa	Logic Gates
14.	18HP08	Kirti	
15.	18HP19	Sarita	
16.	18HP21	Simran	
17.	18HP13	Priya	Voltage Regulator by using ICs
18.	18HP14	Muskan	
19.	18HP26	Ravinder	
20.	18HP06	Anjali	
21.	18HP11	Ajay	
22.	18HP20	Pritika	

23.	18HP23	Monika	Half Wave Rectifier
24.	18HP28	Sarika	
25.	18HP36	Manisha	
26.	18HP07	Pooja	Characteristics of Transistor
27.	18HP22	Rahul	
28.	18HP31	Raj Kumar	

A. Sahoo
PS.04.21
 Ms. Archana Sahoo

HOD Physics

Y. Sharma
 Dr. Yashpal Sharma
 Dean Academic Affairs

NE
PS.04.21
 Mr. Naveen Kumar

Project Investigator

Dr. Davender Singh
 Dr. Davender Singh
 Principal
 R.P.S. Degree College
 Ludhiana (W.Gain)



RPS Degree College

Balana, Mahendergarh



Department of Physics

Project Report

on

Characteristics of Transistor

Submitted to:

Mr. Naveen Kumar

Assistant Professor & PI

Department of Physics

Submitted By:

Pooja (18HP07)

Rahul (18HP22)

Raj Kumar (18HP31)

RPS Degree College

Balana, Mahendargarh



Department of Physics

Project Report

on

Half Wave Rectifier

Submitted to:

Mr. Naveen Kumar
Assistant Professor & PI
Department of Physics

A handwritten signature in black ink, appearing to read 'Naveen Kumar', is written over the printed name.

Submitted By:

Pritika (18HP20)
Monika (18HP23)
Sarika (18HP28)
Manisha (18HP36)

RPSDegree College

Balana, Mahendergarh



Department of Physics

Project Report

on

Voltage Regulator by using ICs

Submitted to:

Mr. Naveen Kumar

Assistant Professor & PI

Department of Physics

Submitted By:

Priya (18HP13)

Muskan (18HP14)

Ravinder (18HP26)

Anjali (18HP06)

Ajay (18HP11)

RPSDegree College

Balana, Mahendergarh



Department of Physics

Project Report

on

Logic Gates

Submitted to:

Mr. Naveen Kumar

Assistant Professor & PI

Department of Physics

Submitted By:

Mansa (18HP02)

Kirti (18HP08)

Sarita (18HP19)

Simran (18HP21)

RPSDegree College

Balana, Mahendergarh

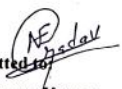


Department of Physics

Project Report

on

Zener Diode as a Voltage Regulator

Submitted to 
Mr. Naveen Kumar
Assistant Professor & PI
Department of Physics

Submitted By:
Raveena Yadav (18HP01)
Anjali Yadav (18HP04)
Sapna (18HP34)
Divya (18HP05)
Nirmal (18HP10)

RPSDegree College

Balana, Mahendergarh



Department of Physics

Project Report

on

Characteristics of PN Junction Diode

Submitted to:

Mr. Naveen Kumar

Assistant Professor & PI

Department of Physics

Submitted By:

Ashish (18HP12)

Sachin (18HP27)

Rahul (18HP35)

RPS Degree College

Balana, Mahendergarh



Department of Physics

Project Report

on

Full Wave Rectifier

Submitted to:

Mr. Naveen Kumar

Assistant Professor & PI

Department of Physics

Submitted By:

Anjali (18HP03)

Manisha (18HP16)

Abhishek (18HP18)

Preeti (18HP24)



Approved by DGHE (Govt. of Haryana) & Affiliated to U.G. University, Meerut, Haryana

To

Dated: 15/02/2021

The Principal

R.P.S. Degree College,

Balana, Mahendergarh, Haryana

Subject: For Seeking permission of Field Trip and Survey for Practical Work.

Respected Sir,

Department of Geography has need of a **field trip and survey** for the students of M.Sc. 2nd semester. This field survey is required for core paper of M.Sc. (Course Code GEOG207). Dhosi Hill which is an extinct volcano in **Narnaul (Mahendergarh, Haryana)** is selected for the trip and survey is having a geographical importance. The students will understand the environmental changes taking place there as well as the impact of Dhosi Hill on the life of people who are living there by this survey.

It will be convenient for us to have PG students visit on 20th February 2021.

Please allow for this trip and survey

Thanking You

With Regards

(Dr. Hemant Kumar)

Head

Department of Geography



Approved by DGHE (Govt. of Haryana) & Affiliated to M.D. University, Rohtak

No. RPS/GD/2021/F1

Dated: 15/02/2021

Notice

All the students of M.Sc. Geography 2nd semester are here by informed that the **Field Trip and Survey (Course: GEOG207)** is going to **Dhosi Hill, Narnaul (Mahendergarh, Haryana)** on **20th February 2021**. Students are directed to report undersigned.


Principal

CC:

HOD Geography



Approved by **DGHE** (Govt. of Haryana) & Affiliated to **M.D. University**, Rohtak

To

The Principal

RPS DC, Balana, Mahendergarh, Haryana

Subject: Submission of event completion report

Respected Sir

Department of geography successfully organized a Field Trip and Survey to Dhasi Hill, Narnaul ' on 20th feb 2021 and total 28 students of M.Sc. 2nd semester visited the above mentioned place. This visit and survey was done in order to complete the required practical work of M.Sc., having Course Code- GEOG-207. This visit gave our students an opportunity to observe geographical features and the survey helped them to understand the social and economical impact of the hill on the people living there.

Thanking You

Date: 22/02/2021

*Accepted & returned
I.A.K. for us
22/2/21*

Truly Yours

Hemant Kumar
(Dr. Hemant Kumar)

Head, Geography Department

List of Students- M.Sc 1st Geography

RPS DEGREE COLLEGE BALANA MOHINDERGARH

ADDRESS LIST M.SC GEOGRAPHY 1st Sem

Sr. No	ROLL NO	NAME	FATHER NAME	MOTHER NAME	MOB NO	ADDRESS
1	20GEO 02	SANDEEP RATHORE	SATYA PRAKASH RATHORE	APRESH	9896901 646	VPO-KHOL,DISTT-REWARI
2	20GEO 03	SHALU RATHOR	SATYA PRAKASH RATHOR	APRESH	9468129 195	VPO-KHOL,DISTT-REWARI
3	20GEO 04	VIKESH	DAYARAM	DARSHNA DEVI	9466817 293	VPO-BAWWA,DISTT-REWARI
4	20GEO 05	BANTI	HARPHOOL	VINOD DEVI	9991219 001	VPO-NANDHA,DISTT-CH.DADRI
5	20GEO 06	MUNMUN	SUBE SINGH	SAVITA	9466312 953	VILL-SUREHTI JAKHAL,PO-SUREHTI PILANIA,DISTT-M/GARH
6	20GEO 07	NIYTI SHARMA	MANOJ SHARMA	SUMAN DEVI	9813571 535	VPO-DIGROTA,DISTT-M/GARH
7	20GEO 08	SWEETY	SATISH KUMAR	KAVITA JAKHAR	8857840 917	VPO-DHANI SALAWAS,DIST T-JHAJJAR
8	20GEO 09	POOJA	SATYPAL	MANJU DEVI	9466222 576	VILL-KHAYRA,PO-KHATOD,DISTT-M/GARH
9	20GEO 10	MUKESH	SHISHPAL	BABITA DEVI	9813123 230	VILL-REWASA,DISTT-M/GARH
10	20GEO 11	DEEWAKAR	ANAND KUMAR	SHASHI BALA	9416481 555	VPO-BOCHARIYA,TE-ATELL,DISTT-M/GARH
11	20GEO 13	SWATI	BALWAN	RAJESH DEVI	9050574 674	VPO-DHANASARLDI STT-CH.DADRI
12	20GEO 14	POOJA KUMARI	RAJENDER PRASAD	URMILA DEVI	9671892 782	VPO-SEHLANG,DIST T-M/GARH
✓ AB	20GEO 15	MANJU KUMARI	BALBIR SINGH	ROSHANI DEVI	9306644 814	VILL-MANETHI,DISTT-REWARI

	14	20GEO 16	VIKAS YADAV	AJIT SINGH	SABINA YADAV	9671891 525	VILL- ADALPUR,PO- AKODA,DISTT- M/GARH
✓	AB	20GEO 17	YOGESH	UMED SINGH	KRISHNA DEVI	8307115 390	VPO-SADAT NAGAR,DISTT- REWARI
	16	20GEO 18	RAVINA	GURDAYAL	RAJBALA	9813362 536	VPO- MADHOGARH,D ISTT-M/GARH
	17	20GEO 19	PRIYANKA	KANWAR SINGH	YESHWANTI	9050695 584	VPO- NAUTANA,DIST T-M/GARH
	18	20GEO 20	PUSHPA	RAMESH KUMAR	BALA DEVI	8588954 137	VILL-KARI ADU,PO- BADHRA,DISTT- CH.DADRI
✓	19	20GEO 21	NEERAJ	PARDEEP KUMAR	RAJESH DEVI	9416908 814	VILL-SEKA,PO- MANDHANA,DI STT-M/GARH
	20	20GEO 22	PARMESHWAR	RAMANAND SHARMA	GEETA SHARMA	8708178 052	WARD NO- 05,NEAR NAGAR PALIKA,ATELI, DISTT-M/GARH
	21	20GEO 23	RENU KUMARI	DALIP	SUNITA	9812861 222	VPO-DOHKA HARYA,DISTT- CH.DADRI
	22	20GEO 24	AJAY MALIK	MUNISH MALIK	SUNITA MALIK	9446377 400	VPO-UMRA,TE- HANSI,DISTT- HISAR
✓	AB	20GEO 25	JYOTI YADAV	JILE SINGH YADAV	KAMLESH DEVI	8307465 808	VPO- KHERKI,DISTT- M/GARH
	24	20GEO 26	SWEETI	PHOOL SINGH	SAVITA DEVI	9416522 135	VPO- BAWWA,DISTT- REWARI
	25	20GEO 27	RAM BHATERI	MUKESH SINGH	SUMITRA DEVI	9467064 261	VILL- JHIGAWAN,PO- SUNDRAL,DIST T-M/GARH
	26	20GEO 28	NISHA	SUJAN SINGH	MUKESH DEVI	9467333 179	VILL- KHERA,PO- BAWANIA,DIST T-M/GARH
	27	20GEO 29	SUJITA	SURENDER SINGH	SUNITA DEVI	8930378 371	VPO-GOTHA TAPPA DAHINA,DISTT- REWARI
	28	20GEO 30	AMIT KUMAR	RAJIV	PARMOD DEVI	9729459 426	VPO- KANWAL,DIST T-REWARI
✓	AB	20GEO 31	MANOJ	RAJESH	SANTOSH	9729552 164	VILL- LAHRODHA,PO- DHARSOON,DIS

						TT-M/GARH
30	20GEO 32	SAHIL KANSAL	NARESH KANSAL	SUMAN KANSAL	9416356 928	H.NO-92 MODEL TOWN BHATTU KALAN, DISTT- FATEHABAD
✓ AB	20GEO 33	SACHIN	CHANDERBHAN	SUNITA	8222817 768	VPO- NANDHA, DISTT -CH.DADRI
32	20GEO 34	KANISTHA	KRISHAN KUMAR	KAILASH	9812057 157	VPO- BARDA, DISTT- M/GARH
33	20GEO 35	MAMTA	HANUMAN SINGH	SUNITA DEVI	8059141 465	WARD NO-02, ADARSH COLONY M/GARH, DISTT- M/GARH
✓ AB	20GEO 36	DEEPAK KUMAR	RADHE SHYAM	CHANDER KALA	9416601 367	VILL- CHANDPURA, DI STT-M/GARH

Project Done By Students

DHOSI HILL

DEFINITION

Dhosi Hill is an isolated hill standing alone at the eastern end of the ...



LOCATION

The hill is situated in the ...



...

LOCAL TIME

...



...



VEGETATION

...



...



CONCLUSION

...

...

...

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