

Govt. Degree College Udhampur

**Recognized by University Grant Commission (UGC) with
2(f) and 12 (b), Affiliated to University of Jammu**

Department of Physics



About Department

Department of Physics

- ▶ Year of establishment: 1961
- ▶ Posts sanctioned (Teaching): 04
- ▶ Post sanctioned (Non-teaching): 03
- ▶ Present position of posts: 4+1+1
- ▶ Present position of post non- teaching: 1+2
- ▶ Programmes offered like UG, PG: UG

Vision and Mission of the Department:

- ▶ To remove access barriers in obtaining and imparting quality education
- ▶ To promote an inclusive teaching and learning environment
- ▶ To enhance the intellectual capabilities and broaden the perspective of the students
- ▶ To impart skills and values needed to make the students global citizens capable of adapting to the changing times

Futuristic approach

- ▶ To create a class room with ICT facility in the department.
- ▶ To introduce new experiments and purchase some more advance equipment in the department.
- ▶ Create one more lab in the department.
- ▶ To submit proposal for research projects in the department to different agencies

Departmental facilities

- ▶ No. of Labs available for science departments: 02
- ▶ Name and number of major equipment's available for students:
- ▶ No of computers available in the department for staff: 01
- ▶ Internet facility : Yes
- ▶ ICT Enabled class rooms and labs availability: 01
- ▶ Detail of books available in library related to your subject: 3997
- ▶ No. of Journals in hard copy form: Nil
- ▶ No. of e-books and e-Journals available through library related to your subject: Coha and Nlist inflibnet

List of Apparatus in the Department

S.No	Name of items	Number of items in working order	
01	Anderson Bridge	06	
02	Steward and Gees Apparatus	12	
03	Audio Frequency Generator	05	
04	Zener Diode App	11	
05	Logic gates	02	
06	Carry Faster Bridge	11	

List of Apparatus in the Department

S.No	Name of items	Number of items in working order	
07	Sonometer Appratus	04	
08	De-Saughty Bridge	08	
09	Electric Vibrator	06	
10	e/m by Helical Method	07	
11	Travelling Microscope	05	
12	Half /Full wave Rectifier	06	

List of Apparatus in the Department

S.No	Name of items	Number of items in working order	
13	LCR Impedance Circuit	11	
14	Electrical Vibrator	06	
15	Planks Constant Appratus	03	
16	Zener Diode App	11	
17	R.C Coupled Amplifier	12	
18	Ionization Potential Appratus	05	

List of Apparatus in the Department

S.No	Name of items	Number of items in Working order	
19	Spectrometers	15	
20	Newton Rings Appratus	10	
21	Polari meters Appratus	14	
22	Optical bench	02	
23	CROs	04	
24	BH curve Appratus	08	

List of Apparatus in the Department

S.No	Name of items	Number of items in Working order	
25	Fly Wheel Apparatus	05	
26	Compound Pendulum Apparatus	03	
27	Bi Filer Pendulum Apparatus	14	
28	Inverting and Non inverting Amp.	02	
29	FET Apparatus	02	
30	LCR Resonance Apparatus	06	

Teaching staff

- ▶ No of sanction posts: 04
- ▶ Present status: 05 +1

Name of the Faculty	Designation	Qualification	Specialization
Prof. Kamal Kishore	Asso. Professor	M.Sc	High Energy Physics
Prof. Sarita Parihar	Asstt. Professor	M.phil	Solid State Physics
Prof. Rakesh Singh	Asstt. Professor	M.phil	High Energy Physics
Dr. Iqbal Quasim	Asstt. Professor	Ph.D	Solid State Physics
D. Sumati Anthal	Asstt. Professor	Ph.D	Solid State Physics
Prof. Nidhi Badgotra	Teaching Asstt.	M.phil	High Energy Physics

Supporting staff

- ▶ Sanctioned strength : 03
- ▶ Present position: 01+2

Name of the supporting staff	Designation
Sh. Sanjeet Singh	Lab. Asstt
Sh. Surinder Singh	Lab Bearer
Sh. Jai pal	Lab Bearer

Faculty Profile/achievements

Name of the Faculty with Qualification	Detail of achievements (workshops, conferences, other programmes)	Detail of publications with full detail	Year of Publication
Prof. Kamal Kishore	03	Nil	N.A
Prof. Sarita Parihar	06	Nil	N.A
Prof. Rakesh Singh	07	Nil	N.A
Dr. Iqbal Quasim	07	02	2021
D. Sumati Anthal	15	08	2021
Prof. Nidhi Badgotra	03	Nil	N.A

Publications

Dr Iqbal Quasim

1. Electrical properties of pure and modified copper tartrate single crystals

Iqbal Quasim

International Journal of Advanced Research in Science, Communication and Technology (2021)

Impact Factor (5.731)

(INDIA)

2. Optical properties of pure and modified copper tartrate single crystal

Iqbal Quasim and N Gupta

International Journal of Advanced Research in Science, Communication and Technology (2021)

Impact Factor (5.731)

(INDIA)

Sumati Anthal

Ruchika Sharma, Sumati Anthal, N.G. Ghatpande, M. M. Sheikh, J. S. Jadhav, S. Murugavel, S. Sundermoorthy and Rajni Kant
Crystal structure, Hirshfield surface, Energy framework and molecular docking analysis of 4-(methoxyphenyl) acetic acid
Advanced Journal of Chemistry - Section B Volume 3 Issue 4 (2021) pp 333-347

Stondus, Sumati Anthal and Rajni Kant
A CSD Analysis of some Chlorinated Quinolines
Rasayan Journal of Chemistry RJC Special Issue (2021) pp 47-63

3. M. Singh, Sumati Anthal, R. Chandrasekaran, S. Murugavel, S. S. Sankpal, M. B. Deshmukh, Rajni Kant
Crystallographic Structure and in silico molecular docking analysis of 2-Cyclohexylidene-hydrazine-carbothiomide
Crystallography Reports: Volume 66 Issue 7 (2021) pp 1306-1310

4. G. Sharma, SumatiAnthal, M. B. Deshmukh, P. P. Mohire, T. R. Bhosale, C. Sudarsanakumar, Rajni Kant
Synthesis and Crystal Structure Analysis of 3,3'-[(3-Sulfanyl phenyl)methylene]bis(4-hydroxy-2*H*-1-benzopyran-2-one) :5-methyl-1,3-thiazol-2(3*H*)-imine

Crystallography Reports: Volume 66 Issue 7 (2021) pp 1233-1237

5. Amol Pawar, Jyothi Yadav, N.A. Mir, E. Lype, Rangan Krishnan, SumatiAnthal, Rajni Kant, Indresh Kumar

Direct catalytic synthesis of beta-(C3) - substituted Pyrroles: A complementary addition to the Paal-Knorr Reaction

RSC Chemical Communications Volume 57 Issue 2 (2021) pp 251-254

6. Mulveer Singh, SumatiAnthal, P. Akhileshwari, M. A. Sridhar, H. M. Vinusha, S. Bindya, M. Begum, R. K. Chandrasekaran, M. Saminathan, Rajni Kant*

Synthesis, Crystal Structure, Hirshfeld Surface, Energy Framework and Molecular Docking of 2-(((6-Methoxy pyridine 3-yl)imino)methyl)Phenol
Global Journal of Science Frontier Research Section-B Chem. Volume 21, Issue 2 (2021)

7. G. Sharma, A.Uppal, SumatiAnthal, M.B. Deshmukh, P.P. Mohire, T.R.Bhosale, C.Sudershan Kumar, Rajni Kant
Synthesis, X-ray structure, and DFT analysis of a binary complex of 3,3'-[(3-benzimidazolyl)methylene]bis(4-hydroxy-2H-1-benzopyran-2-one): 5-Methyl-1,3-thiazol-2(3H)-imine
European Journal of Chemistry Volume 11 Issue 4(2020)pp 324-333

8.V.D. Singh, A. Uppal^a, Kamni, Y. Khajuria, R. Srinivasan, B. Narayana, B. K. Sarojini, SumatiAnthal and Rajni Kant
Synthesis, FTIR, UV-VIS, DFT studies and SCXRD structure of 1-(tert-butyl) 3-ethyl 3-(hydroxy(thiophen-2-yl)methyl)piperidine-1,3-dicarboxylate
Indian Journal of Chemistry Section- B Vol. 59B, July 2020, pp 1043-1056

Additional Responsibilities shared by staff members

Name of the faculty member	Additional responsibilities shared (Different committees/assignments)
Prof. Kamal Kishore	HoD, ANO NCC, COE, Coordinator IGNOU.
Prof. Sarita Parihar	Members of Different Committees
Prof. Rakesh Singh	Members of Different Committees
Dr. Iqbal Quasim	Members of Different Committees
D. Sumati Anthal	Members of Different Committees
Prof. Nidhi Badgotra	Members of Different Committees

Time Table 2016-17

TIME TABLE OF PHYSICS DEPARTMENT 2016-17 Semester – I-II, III-IV, V-VI and B.Sc.-II, III – 2016-17

1	Dr.B.D. Sehgal	<u>Practical</u> B.Sc.-III (1.00 p.m. to 3.00 p.m.) (Wed-Thu) B.Sc. Sem-V (Fri-Sat)	<u>Theory</u> B.Sc.-III - (New Library Room) B.Sc. Sem-V (Mon-Sat) (Room No.2) (11.00 a.m. to 11.40 a.m.)
2	Prof.Suresh Kumar Dogra	<u>Practical</u> B.Sc. Sem-III (Mon-Tue,Wed-Thu, Fri-Sat) Lab-A (11.00 a.m. to 1.00 p.m.)	<u>Theory</u> B.Sc.-III Sem. (Mon-Sat) (R.No.1) 9.40 a.m. to 10.20 a.m.)
3	Prof.Kamal Kishore	<u>Practical</u> B.Sc.-Sem-I (M-T-W-T- F-S) Lab-A 9.00 a.m. to 11.00 a.m.	<u>Theory</u> B.Sc.-Sem-I (Mon-Sat) Room No.25 11.40 a.m. to 12.20 p.m.
4	Prof.Hans Raj Sharma	<u>Practical</u> B.Sc. Sem-I (M-T, W-T,F-S) (Lab-B) (9.00 a.m. to 11.00 a.m.)	<u>Theory</u> B.Sc. Sem-I (Mon-Sat) Room No.26 (11.40 a.m. to 12.20 p.m.)
5	Dr.Anita Sharma	<u>Practical : B.Sc. Sem-I</u> (Mon-Tue, Wed-Thu) (9.00 a.m. to 11.00 a.m.) Lab-B <u>Practical : B.Sc.- Sem. V</u> (Fri-Sat) Lab- A 1.00 p.m. to 3.00 p.m. B.Sc. IInd year	<u>Theory</u> B.Sc.- Sem-V (Mon-Sat) Room No.-01 11.40 p.m. to 12.20 p.m.
6	Prof.Sarita Parihar	<u>Practical : B.Sc. Sem-I</u> (Fri-Sat) , Lab-B 9.00 a.m. to 11.00 a.m. <u>B.Sc.-Sem-V</u> (M-T) (Lab-B) 1.00 p.m. to 3.00 p.m. B.Sc.-II (W-T) Casual (1.00 p.m. -3.00 p.m.)	<u>Theory</u> B.Sc.-Sem-1 (Mon-Sat) Room No.03 11.40 a.m. to 12.20 p.m.
7	Ms.Surbhi Chouhan	<u>Practical</u> B.Sc.-Sem-III (Mon-Tue, Wed-Thu, Fri-Sat) (11.00 a.m. to 1.00 p.m.) Lab.-B	<u>Theory</u> B.Sc. Sem-III (9.40a.m. to 10.20 a.m.) (Room No.09) B.Sc. II year

Ms. Surbhi Chouhan
HoD Physics
Devi Ahilya College

PRINCIPAL
Devi Ahilya College

Time Table 2017-18

TIME TABLE OF PHYSICS DEPARTMENT 2017-18 Semester - I-II, III-IV, V-VI and B.Sc.-II & III - 2017-18

2

1	Dr.B.D. Sehgal	<u>Practical</u> B.Sc.-III (1.00 p.m. to 3.00 p.m.) (Mon-Tue) B.Sc. Sem-V (Wed-Thu, Fri-Sat)	<u>Theory</u> B.Sc. Sem-V (Wed-Sat) (Room No.1) (10.00 a.m. to 11.00 a.m.)
2	Prof.Suresh Kumar Dogra	<u>Practical : B.Sc. Sem-III</u> (Wed-Thu) Lab-A (11.00 a.m. to 1.00 p.m.) B.Sc. Sem-V (Mon-Tue, Fri-Sat)	<u>Theory</u> B.Sc.-III Sem. (Mon-Thu) (R.No.9 9.00 a.m. to 10.00 a.m.)
3	Prof.Kamal Kishore	<u>Practical</u> <u>B.Sc.-Sem-I</u> (M-T-W-T- F-S) Lab-A 9.00 a.m. to 11.00 a.m.	<u>Theory</u> <u>B.Sc.-Sem-I</u> (Mon-Thu) Room No.01 12.00 p.m. to 1.00 p.m.
4	Prof.Hans Raj Sharma	<u>Practical</u> <u>B.Sc. Sem-I</u> (M-T) (Lab-B) (9.00 a.m. to 11.00 a.m.) <u>B.Sc. Sem-III</u> (W-T-Lab-B, F-S-Lab-A) (11.00 a.m. to 1.00 p.m.)	<u>Theory</u> <u>B.Sc. Sem-I</u> (Mon-Thu) Room No.01 (1.00 p.m. to 2.00 p.m.)
5	Dr.Anita Sharma	<u>Practical : B.Sc. Sem-I</u> (Mon-Tue, Wed-Thu) (9.00 a.m. to 11.00 a.m.) Lab-B <u>Practical : B.Sc.- Sem. III</u> (Fri-Sat) Lab-B 11.00 a.m. to 1.00 p.m. B.Sc. IInd year (Fri-Sat) Lab-B	<u>Theory</u> <u>B.Sc.- Sem-I</u> (Mon-Thu) Room No.-02 12.00 p.m. to 1.00 p.m.
6	Prof.Sarita Parihar	<u>Practical : B.Sc. Sem-I</u> (Fri-Sat) , Lab-B 9.00 a.m. to 11.00 a.m. <u>B.Sc.-Sem-V</u> (Mon-Tue, Wed-Thu) (Lab-B) 1.00 p.m. to 3.00 p.m.	<u>Theory</u> B.Sc.-Sem-V (Wed-Sat) Room No.03 11.00 a.m. to 12.00 p.m.
7	Ms.Pruna	<u>Practical : B.Sc.-Sem-III</u> (Mon-Tue, Wed-Thu) (11.00 a.m. to 1.00 p.m.) Lab.-B <u>B.Sc.-Sem-I</u> (Fri-Sat) - Lab. -A (9.00 a.m. to 11.00 a.m.)	<u>Theory</u> <u>B.Sc. Sem-III</u> (9.00a.m. to 10.00 a.m.) (Mon-Thu) (Room No.26) B.Sc. Sem-III (Non-CBCS) (Smart Class room)

T.P. Sehgal
HoD. Physics

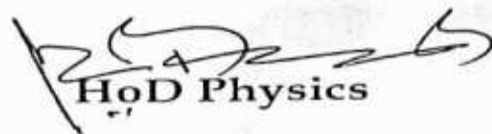
Principal
PRINCIPAL
Govt. Degree College
Lidhaur

Time Table 2018-19 odd semester

TIME TABLE OF PHYSICS DEPARTMENT Session 2018-19

4

Name	9.00-10.00 A.M. I	10.00-11.00 A.M. II	11.00-12.00 A.M. III	12.00-1.00 P.M. IV	1.00-2.00 P.M. V	2.00-3.00 P.M. VI
Prof.Suresh Kumar Dogra	Practicals Sem-I W-T Group B5, B8 Lab-A		----	Theory Class Sem-V (NCBCS) R.No.27	B.Sc. Sem-V Practical M-T Group B1 Lab-A W-Thu Group B2 Lab-A F-S Group B5, B6 Lab-A	
Prof.Kamal Kishore	Practical Sem-I M-T-Group B2-Lab-A W-Thu-Group B4-Lab-A F-S- Group B1-Lab-A		Practical B.Sc. Sem-III (N-CBCS) (M-T)		Theory class B.Sc. Sem-I Sec-D (M-Thu) R.No.9	----
Prof.Hans Raj Sharma	Practical Sem-I W-Thu-Group B5, B10-Lab-B F-S-Group B9-Lab-A		Practical Sem-III M-T (Group B4) Lab-A		Theory class B.Sc. Sem-I Sec-C (M-Thu) R.No.1	----
					Practical B.Sc.-III Annual F-S (Lab-B)	
Dr.Anita Sharma	Practical Sem-I M-T-Group B12-Lab-A W-Thu-Group B6-Lab-B F-S-Group B7-Lab-B		Practical Sem-III F-S Group B6 Lab		Theory Class Sem-I Section-E (M-Tue) R.No.27	----
			Theory Class B.Sc. Sem-V R.No.1 (M-Thu) Sec-B			
Prof.Sarita Parihar	Theory Class Sem-III Sec-C Wed-Sati (R.No.2)	----	Practical Sem-III M-T Group B5 Lab-B W-Thu Group B1 Lab-A F-S-Group B7 Lab-B		Theory Class Sem-I Section-E (W-Thu) R.No.27	----
	Sem-I Practical M-T Group-B3-Lab-B					
Dr.Ujval Gupta	Theory Class Sem-III Sec-B M-Thu (R.No.-1)	----	Practical B.Sc. Sem-III W-Thu Group B2 Lab-B		Practical B.Sc. Sem-V M-T (Group B1) Lab-A W-Thu (NCBCS) Lab-B	


HoD Physics

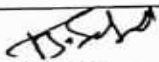

PRINCIPAL

Time Table 2018-19

TIME TABLE OF PHYSICS DEPARTMENT 2018 Semester - II, IV, VI and B.Sc.-II & III - 2018-19

3

1	Dr.B.D. Sehgal	<u>Practical</u> B.Sc.-III (1.00 p.m. to 3.00 p.m.) (Mon-Tue) B.Sc. Sem-VI (Wed-Thu, Fri-Sat) Lab-A	<u>Theory</u> B.Sc. Sem-VI (Wed-Sat) (Room No.3) (11.00 a.m. to 12.00 p.m.)
2	Prof.Suresh Kumar Dogra	<u>Practical :</u> (1.00 p.m. to 3.00 p.m.) B.Sc. Sem-VI (M-T, W-Thu, Fri-Sat) Lab-B	<u>Theory</u> B.Sc.-Sem.-VI (R.No.1) 10.00 a.m. to 11.00 a.m.)
3	Prof.Kamal Kishore	<u>Practical</u> B.Sc.-Sem-II (F-S) Lab-A (9.00 a.m.-11.00 a.m.) B.Sc. Sem-III (M-T, W-Th) 11.00 a.m. to 1.00 p.m.	<u>Theory</u> B.Sc.-Sem-IV (Mon-Thu) Room No.09 9.00 a.m. to 10.00 a.m.
4	Prof.Hans Raj Sharma	<u>Practical</u> B.Sc. Sem-II (M-T) (Lab-B) (9.00 a.m. to 11.00 a.m.) B.Sc. Sem-IV (W-T-Lab-B, F-S-Lab-A) (11.00 a.m. to 1.00 p.m.)	<u>Theory</u> B.Sc. Sem-II (Mon-Thu) Room No.01 (1.00 p.m. to 2.00 p.m.)
5	Dr.Anita Sharma	<u>Practical : B.Sc. Sem-II</u> (Mon-Tue, Wed-Thu) (9.00 a.m. to 11.00 a.m.) Lab-B <u>Practical : B.Sc.- Sem. IV</u> (Fri-Sat) Lab-B (NCBCS) 11.00 a.m. to 1.00 p.m. B.Sc. IInd year (Fri-Sat) Lab-B	<u>Theory Paper-A</u> B.Sc.- Sem-II (Mon-Thu) Room No.-02 12.00 p.m. to 1.00 p.m.
6	Prof.Sarita Parihar	<u>Practical : B.Sc. Sem-II</u> Wed-Thu - Lab-A (Fri-Sat) Lab-B, 9.00 a.m. to 11.00 a.m. B.Sc.-Sem-VI (Mon-Tue) Lab-A (1.00 p.m.to 3.00 p.m.)	<u>Theory</u> B.Sc.-Sem-II (Mon-Thu) Room No.01 12.00 p.m. to 1.00 p.m.
7	Ms.Prerna	<u>Practical : B.Sc.-Sem-IV</u> (Mon-Tue, Wed-Thu) (11.00 a.m. to 1.00 p.m.) Lab.-B B.Sc.-Sem-II (Fri-Sat)-Lab-A(9.00 a.m. to 11.00 a.m.)	<u>Theory Paper- B</u> B.Sc. Sem-IV (Mon-Thu) (9.00a.m. to 10.00 a.m.) (Room No.26) B.Sc. Sem-IV (Non-CBCS) (Smart Class room)


HoD-Physics


PRINCIPAL

Time Table 2019-20

TIME TABLE OF PHYSICS DEPARTMENT

Session 2019-20

Name	9:00 AM -9:50 AM	9:50 AM -10:40 AM	10:40 AM-11:30 AM	11:30 AM-12:20 PM	12:20 PM- 1: 10 PM	1: 10 PM- 2: 00 PM
Prof. Bhavnaish Chand	Theory Class Sem-IV Sec-B M-Thu (R. No.1)	---	Practical B.Sc. Sem-IV W-Thu Group B2 Lab-B	---	Practical B.Sc. Sem VI M-T (Group B1) Lab-A W-Thu (NCBCS) Lab-B	---
Prof. Suresh Kumar Dogra	Practicals Sem-II W-T Group B5, B8 Lab-A	---	---	Theory Class Sem-VI (NCBCS) R. No. 27	---	B.Sc. Sem-VI Practical M-T Group B1 Lab-A W-Thu Group B2 Lab-A F-S Group B5, B6 Lab-A
Prof. Kamal Kishore	Theory Class Sem-IV Sec-C Wed-Sat (R. No. 2)	---	Practical Sem-IV W-Thu Group B1-Lab-A Practical Sem-IV F-S Group B7-Lab B Practical Sem-IV M-T Group B5 Lab-B	---	---	---
Prof. Hans Raj Sharma	Practical Sem-II W-Thu-Group B5, B10-Lab-B F-S-Group B9-Lab-A	---	Practical Sem-IV M-T (Group B4) Lab-A	---	Theory Class B.Sc. Sem-II Sec-C (M-Thu) R. No. 1	---
Prof. Sarita Parihar	Practical Sem-II M-Tues-Group B3-Lab-B Practical Sem-II W-Thu-Group B4 Lab-A Practical Sem-II Fri-Sat-Group B1 Lab-A	---	Practical B.Sc. Sem-IV (N.CBCS) (Mon-Tues)	---	Practical B.Sc. Part-III Annual F-S (Lab-B)	Theory Class B.Sc. Sem-II Sec-D (M-Thu) R.No.9
Dr. Ujval Gupta	Practical Sem-II M-T Group B12 Lab-A W-Thu-Group B6-Lab-B F-S-Group B7-Lab-B	---	Practical Sem-IV F-S Group B6 Lab	---	---	---
				Theory Class B.Sc. Sem-VI R. NO. 1 (M-Thu) Sec-B		


HoD Physics



PRINCIPAL

Time Table 2020-21

GOVT. DEGREE COLLEGE UDHAMPUR
TIME TABLE OF PHYSICS DEPARTMENT
SESSION 2020-21 (ONLINE CLASSES)

Name of the Faculty	9.00 AM – 9.50 AM	9.50 AM – 10.40 AM	10.40 AM – 11.30 AM	11.30 AM – 12.20 PM	12.20 PM – 1.10 PM	1.10 PM – 2.00 PM
Prof. Kāmal Kishore	Practical Sem-II (Mon-Tue, Wed-Thur, Fri-Sat)			Theory Sem-II (Mon-Thur) (Section -B)		
Prof. Sarita Parihar	Practical Sem-II (Mon-Tue, Wed-Thur, Fri-Sat)			Theory Sem-II (Mon-Thur) (Section C+D)		
Prof. Rakesh Singh		Theory Sem-IV (Mon-Thur)	Practical Sem-IV (Mon-Tue, Wed-Thur, Fri-Sat)			
Dr. Sumati Anthal				Theory Sem-VI (Mon-Thur)	Practical Sem-VI (Mon-Tue, Wed-Thur, Fri-Sat)	

HOD PHYSICS


PRINCIPAL
Govt. Degree College (Boys)
Udhampur

Outcomes of the Departmental activities year wise

- ▶ Students participation in different competitions from your department
- ▶ Different activities organized by the department and its outcome
- ▶ Outcome of the various value added courses if any
- ▶ Any event organized by the students of your department
- ▶ Any activity related to students where students went for internship, skill training programme or participated in any placement drive

**All the activities must be supported with photographs and reports or news items*

Enrolment

► Enrolment year wise, class wise

Semester	2016-17	2017-18	2018-19	2019-20	2020-21
1 st	259	248	259	197	170
2 nd	216	208	208	197	170
3 rd	142	198	155	170	133
4 th	142	190	155	170	133
5 th	130	130	167	136	153
6 th	128	128	166	132	153

Results

- Results year wise, class wise as well as its analysis

Year	Class/ Semester	Enrolment	Pass percentage
2021	6 th	153	100
2020	6 th	118	79
2019	6 th	110	86
2018	6 th	162	60
2017	6 th	125	56

Student Progression

- ▶ Regarding students achievements under the heading like “we are proud of you” ‘Pride of the Department” or any other title

Year	Class	Name of the student	Placement /Admission in PG
2021	3 rd sem.	Mohit Shree	NDA
2021	4 th Sem	Shruti	Govt Job
2021	4 th Sem	Vishal Bharti	Govt Job

Best Practices

- *One Day Workshop on Hands on Training on designing and repairing of Household Electric Gadgets organised by the Department of Physics and Electronics in Collaboration with Science Club of the college on 31st of March 2022.*





Innovative initiatives by the Deptt.

▶ Any special Initiative by the department useful for the college: Nil

▶ It may include any specific model for a common purpose: Nil

▶ Any initiative for social reform like adoption of any nearby Govt. School for encouraging students in different fields, any adoption effort for a slum or nearby village with special purpose: Nil

▶ Any specific innovation by student or teacher for the welfare of the society: Nil

**with valid supporting documents*

Teaching learning Methodology

- ▶ The focus of teaching-learning in the Dept. is to make the students autonomous learners.
- ▶ It is interactive in nature where teacher is a facilitator & the distance is minimized between the teacher & students. The teachers are available to the students not only in the classrooms rather they interact with them outside the classrooms too.
- ▶ Displaying models and teaching Learning aids wherever possible.
- ▶ Experimental learning like visit to nearby power projects and industrial units.
- ▶ Participative learning (Seminar presentation, Quiz competition, speech, debate, poster presentation, field visit reports etc.)
- ▶ Problem solving (models preparation and presentation, minor projects, puzzle's, mind games, brain storming sessions etc.

(*with supporting documents)

Mode of Assessment

- ▶ Internal Exam (Theory and Practical where applicable, as per Univ. guidelines with marks breakup/ date sheets/ question papers/ projects/field visit reports etc.)
- ▶ Class test
- ▶ Assignments
- ▶ Attendance
- ▶ Activities
- ▶ Assessment of students in any other form

SWOC/SWOT ANALYSIS

- ▶ **Departmental Strengths:** All faculty positions are filled on the permanent basis and department is not facing any shortage of teaching staff. All faculty members work with full dedication and are always ready to accept any duty or responsibility assigned to them. Equipment in the labs is also sufficient to meet our requirement at the undergraduate level.

Departmental Weakness: We are facing shortage of one lab. Rush of students in the two existing labs is large and we are not in a position to install some of the equipments permanently at place due to shortage of space. Due to movement of equipment from one place to other, life of equipment is reduced..

- ▶ **Departmental Opportunities:** Since College is getting funding under DST-FIST programme and DBT Star College. So we have opportunity to purchase equipment for introducing some new and advance experiments.

- ▶ **Departmental Challenges/ Threats:** We have challenge of creating one more lab in the department to reduce rush of students and fix some equipment of delicate nature at one place.



Glimpses of activities carried out by your Deptt.

- ▶ Paste Photograph's of different activities held through your department and some cuttings of news papers

GDC Udhampur organises Skill Orientation Workshop



Top News Report

UDHAMPUR, Mar 31: Science Club of GDC Udhampur in Collaboration with Departments of Physics and Electronics organized one day skill oriented workshop on the designing and repair of the common household Electronic Items such as such as Charger, capacitor, multi-meter, extension boards circuit faults etc. in which 70 students for different faculties and staff members both teaching and non-teaching participated. Prof. Subhash Chander Sharma, Principal of the college was the chief

guest and Prof. Rakesh Singh, Dr. Devi Dass, and Prof. Tawseef Ahmed Bhat were the resource person for the workshop.

Earlier, the programme started with the keynote address delivered on the theme of the workshop by Prof. Seema Kotwal, the senior most faculty and the convener of the science club of the college. In her address, she advised the participating students to take all precautionary measure while dealing with electrical instruments and also stressed upon the need to develop scientific temper among the students

and society by attending such type of workshops and programmes. She also stressed upon to take all the precautions. Followed by the beginning of technical sessions in which resource persons gave their presentations. The students were divided into various groups in which each group was given practical hands on training for designing extension board, multimeter for detecting various circuit faults and basic circuit elements like resistor, capacitor, diode, charger etc.

The proceeding of the workshop were carried out under the overall coordination of Dr. Ved Kumar Dept. of Chemistry and Prof. Kamal Kishore HOD Physics. The other faculty members who attended the workshop include Prof. Sarita Parihar, Dr. Sumati Anthal and Prof. Rajan Bharti, Prof. Sanjeet Singh, Prof. Sanjeev Kumar

The programme was concluded with the formal vote of thanks proposed by Prof. Romesh Kumar Atri, HOD Botany.

Skill orientation Workshop on design, repair of electronic gadgets held

■ TNN BUREAU

UDHAMPUR: Science Club of Government Degree College Udhampur, in Collaboration with Departments of Physics and Electronics, today organized one day skill oriented workshop on the designing and repair of the common household Electronic items. Around 70 students of different faculties and staff members both teaching and non-teaching participated in the workshop. Principal of the college, Prof. Subhash Chander Sharma was the chief guest at the inaugural function while Prof. Rakesh Singh, Dr. Devi Dass, and Prof. Tawseef Ahmed Bhat were the resource persons for the workshop.

Earlier, the programme started with the keynote address delivered on the theme of the workshop by Prof. Seema Kotwal-the convener of the science club of the college. In her address, she advised the participating students to take all precautionary measures while dealing with electrical instruments and also stressed upon the need to develop scientific temper among the students and society by attending such types of workshops and programmes. She also stressed upon taking all the precautions.

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