

**2.3.1 Student Centric method, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences.**

*Department of Physics*

**Session: 2022-2023**

## **1. Experiential Learning**

❖ Activity 1



**SARDAR PATEL MAHAVIDYALAYA,  
CHANDRAPUR**

**Department of Physics**

**Report On Educational Tour**

**18/10/2022**

**At**

**RAMAN SCIENCE CENTRE NAGPUR  
DIST-NAGPUR**

**Prepared By:**

**Dr. Sanjay P. Ramteke**

**Dr. Varsha C. Kongre**

**Asst. Prof. Pranali S. Gorghate**

**Head**

**Department of Physics**

**Dr. Urvashi P. Manik**

**Principal**

**Dr. Pramod M. Katkar**

**S.P. College, Chandrapur**

**RAMAN SCIENCE CENTRE NAGPUR-2022**

Department of Physics organized educational tour on dated 18th October 2022 at 'RAMAN SCIENCE CENTRE'.

The Raman Science Centre and Raman Planetarium Complex at Nagpur is an interactive science center affiliated with Mumbai's Nehru Science Centre. It was developed to promote a scientific attitude, growth of science and technology and their applications in industry and human welfare and hold science exhibits. The centre is named after famous Nobel Prize winner Indian Physicist Chandrasekhara Venkata Raman.



### **RAMAN SCIENCE CENTRE**

#### **Activities**

The centre carries out numerous programs to spread science and technology knowledge amongst the general public. The centre currently has four different interactive galleries, an Innovation Centre, a Science on a Sphere Show and a 133-seat planetarium, fun science galleries, Animal Park. The centre also holds science lectures, science film shows and 3D science shows.



### **Students Visited Science Park-Fun Centre**

This exhibition provided students to hands on experience for exploring the scientific principles. Some of the attractive exhibits were Floor piano, Viral Book, Visible effect of Invisible, Coriolis Force, Is it a drop or Floe of water. Plasma Globe, Giant Soap Bubble, Spiral Musical Tubes, Reading in Dot Matrix Way, Mirror Maze, Dropping Coins, Daimond is forever, Positive shadow, See Your Back, Resonance etc.



### 3-D Science Show

With this unique facility students enjoyed viewing of 3-D films using a stereo projection system and specially aligned polarized spectacles. The fang of snake coiling out from the hat of the magician on the screen onto your lap will make you jump of the chair.

### Planetarium

The science of astronomy emerged as a result to intense study of sky by mankind. With the progress of civilization newer and better than ever instruments were developed for astronomical observations which intensified star gazing and widened human knowledge on celestial bodies.







### **Outcome:**

Inside the centre, a students get to know about new things, new ideas and new concepts, while outside the centre, a student explore and experiences. Also, to develop effective learning, personal development, enhances perspective. To get knowledge about Raman centre and Science Park etc. It was such a memorable tour.

❖ Activity 2



**SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**

**Graduate&Post Graduate Department of Physics**

**Report On VUPTA Students Seminar**

**20/02/2023 - 21/02/2023**

**At**

**SHIVPRASAD SADANAND JAISWAL  
COLLEGE ART, COMMERCE & SCIENCE  
ARJUNI MORGAON, DIST-GONDIA**

**Prepared By:**

**Dr. Sanjay P. Ramteke  
Asst. Prof. Pranali S. Gorghate**

**Head  
Department of Physics  
Dr. Urvashi P. Manik**

**Principal  
Dr. Pramod M. Katkar  
S.P. College, Chandrapur**

**VUPTA STUDENTS SEMINAR-2023**

Vidarbha Universities Physics Teachers Association (VUPTA) students seminar & poster/chart Competition in physics was held on 20th & 21st Feb 2023.

## **Organized by**

Department of Physics and Vidarbha Universities Physics Teachers Association

## **Event started on**

20 February 2023 10:00 am

## **Event ended on**

21 February 2023 5:00 pm

## **Event venue**

Seminar Hall Shivprasad Sadanand Jaiswal College, Arjuni/Morgaon, Dist-Gondia

## **Event objectives**

Vidarbha Universities Physics Teachers Association every year conducting this event at different colleges of Gondwana and RTM Nagpur University, Nagpur. The reason behind conducting this activity is to Create new ideas, encourage discussion, build confidence, get a new perspective, enhance abilities and networking, Overall development of students.

## **Event summary**

The program was inaugurated by Dr. K. G. Rewatkar sir, President of VUPTA, Chairman of the inaugural function Prof. Mohurley sir, Shri Mukeshji Jaiswal Secretary of Shri Durga Shikshan Sanstha, Secretary of VUPTA Dr. J. N. Ramteke sir and organizing secretary Dr. D. L. Chaudhari sir were present. Almost 160-165 students and teachers were present in this event.

## **Event outcomes**

- \* Confidence is developed in students
- \* Students are asking question
- \* New ideas created
- \* Critical thinking & argumentative skills are build in students

VUPTASeminar-23 was organized by Shivprasad Sadanand Jaiswal College Arjuni (Morgaon) during 20-21st February 2023. From our college Sardar Patel Mahavidyalaya Chandrapur total 11 students participated in VUPTASTUDENTS SEMINAR– 2023. Out of which 04 students participated in Poster Presentation and 07 participated in Oral Presentation.

## **Out of all these following students have achieved the prizes**

1. Miss. Sadaf Ansari SEM-II M.Sc. won 1st Prize in Seminar Competition.
2. Mr. Manishankar Dey SEM-VI B.Sc. got 2nd Prize in Seminar Competition.

3. Miss. Bhagyashree Ramteke SEM VI B.Sc. won 3rd Prize in Seminar Competition.

The remaining students have been appreciated with participation certificates.

### Glimpses of event



### Conclusion

The experience of this VUPTA Seminar was really fantastic and memorable. It was reverberating experience which cherished all of us.

Students learned valuable information from this seminar competition and they provide a platform for experiential learning, promote personal development. We got to learn a lot many more things and to meet such inspiring people with their interesting conversations from this VUPTA student's seminar.



## LIST OF FACULTIES

Sr. No.	NAME	DESIGNATION
01	Dr. Sanjay P. Ramteke	Associate Professor
02	Ms. Pranali S. Gorghate	Asst. Professor

## STUDENTS LIST

SR NO	NAME	CLASS
01	Mr. Vikas Buradkar	M.Sc.-I
02	Ms. Sadaf Ansari	M.Sc.-I
03	Ms. Pradnya Meshram	M.Sc.-II
04	Ms. Rina Bangde	M.Sc.-II
05	Ms. Bhagyashree Ramteke	B.Sc.-III
06	Ms. Nandini Uikey	B.Sc.-III
07	Ms. Suraj Sarkar	B.Sc.-III
08	Mr. Manishankar Dey	B.Sc.-II
09	Mr. Sujal Govardhan	B.Sc.-II
10	Mr. Heramb Latare	B.Sc.-I
11	Ms. Pranali Bajait	B.Sc.-I

## ❖ Activity 3

### **A Report on**

### **INNOVATION HUB CLUB SCIENCE GALLERY**

Department of Physics Sardar Patel Mahavidyalaya Chandrapur visited Science Exhibition held at Gurunanak Public Higher Secondary School Ballarpur on dated 01/10/2022.

**Resource Person-** Dr. Vijay Sir, Director of IAPT

#### **Aim of Educational Tour**

The aim of the visit was to develop the scientific awareness and scientific temper among the students. Educational trip provide students with a chance to think creatively and critically about the things they see and experience. This helps students develop their critical thinking skills and become more innovative learners. They expose students to real life situation.

#### **Objectives of Science Hub Club**

- To improve scientific attitude and provide opportunities for practice in science method.
- To better understand scientific knowledge through science experiments.
- To bring out the future scientists to the limelight.

The students of B.Sc.-Iyear visited science exhibition at gurunanak Public Higher Secondary School Ballarpur. The resource person of the event demonstrated physics experiments to students using simple techniques. He used simple setups for demonstration of difficult concepts of Physics. Student also enjoy each and every moment to this wonderful exhibition. Dr. Urvashi P. Manik heartily thankful to Dr. Vijay Sir to organize miraculous science exhibition. Asst. Prof. Pranali S. Gorghate, Asst. Prof. Sonali Watekar, and all faculty members contributed immensely for the very success of the event.

#### **Glimpses of Event**





**Students Observing Different Experiments based on Physics at Science Exhibition**



# SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR.

Department of Physics

Date:-1/10/2022

Tour to Dr. D.P. khandelwal INNOVATION HUB Science Gallery Gurunank Public School Ballarpur

## Attendance List (Class B.Sc.1)

Sr.No	Name of the Students	Mobile No	Signature
1.	Manisha V. Gampala	8830643403	Manisha
2.	Gautam Ashok Sonkar	7798190915	Gautam
3.	Sudhansu Ramkrishna Ravindas	7875718024	Sudhansu
4.	Meghna Ravindra Padole	9322441296	M.R. Padole
5.	Janhvi R. Hanumanth	7972932542	Hanumanth
6.	Nitima R. Khobragade	9404627875	Nitima
7.	Surbhiya S. Thakur	7083404419	Surbhiya
8.	Prachi Y. Ghate	7972407350	Prachi
9.	Nakshatra S. Kajarkar	9022896275	Nakshatra
10.	Shruti R. Khisalkar	8468997228	Shruti
11.	Shruvashi G. Khanke	8989319074	Shruvashi
12.	Zoya T. Verma	8983247533	Zoya
13.	Fiza A. Khan Rizvi	7387328479	Fiza
14.	Rifatnaz Sabir Khan	8623028726	Rifatnaz
15.	Preerna Pravin Dampkundwar	8830930784	Preerna
16.	Shachi Mahesh Pihul	9011784860	Shachi
17.	Janvi C. Shingdekar	8055782279	Janvi
18.	Bhazati T. Bhojkar	8556046708	Bhazati
19.	Pranali K. Bajait	8626003675	Pranali
20.	Shruti L. Wadhwa	8010819119	Shruti
21.	Shradha R. Bhatnagar	8806818925	Shradha
22.	Sakshi R. Hulke	9373887198	Sakshi
23.	Sachin D. Bansod	8421813162	Sachin
24.	Uday R. Bhatnagar	9356190526	Uday

25.	Sakshi R. Mandale	7666601926	<del>Sakshi</del> Phalakh
26.	Rakhi S. Chalakhi	9175589901	
27.	Sakshi S. Verne	9579234775	<del>Sakshi</del>
28.	Dipawati P. Wagh	9699436381	Dipawati
29.	Shreeji R. Juhne	7447613776	Shreeji
30.	Siddhant V. Khosla	9728358117	Siddhant
31.	Priya K. Kulkarni	9086418537	Priya
32.	Manish P. Menamane	8600586000	
33.	Prakal G. Kamble	8767240831	Prakal
34.	Leena R. Mahadale	9067515001	Leena
35.	Tamni G. Patil	9823862082	Tamni
36.	Hemant S. Kulkarni	7350072873	Hemant
37.	Sahil G. Jankar	9894753716	Sahil
38.	Yash V. Chaudhari	9356893419	Yash
39.	Aditya S. Kolhe	7944810639	Aditya
40.	SONEL D. PATIL	9666998292	Sonela
41.	Gaurav P. Zade	8767257292	Gaurav
42.	Pragati M. Shetty	9823856375	Pragati
43.	Samant G. Chaudhari	7055477156	Samant
44.	Sois P. Bala	9529332946	Sois
45.	Siddhant Prashant Wasekar	7387715361	Siddhant
46.			
47.			
48.			
49.			

## ❖ Activity 4

### A Report on “Fabrication of Furnace”

Department of Physics organized a workshop on *Fabrication of Furnace*, 23<sup>rd</sup> March 2023 at the Abdul Shafi Hall of Sardar Patel Mahavidyalaya, Chandrapur. In this workshop 35 students of M.Sc. (Physics) and all faculties of Physics Department had been participated and completed the workshop on *Fabrication of Furnace*.



**Felicitation of Guest and Resource Person, Prof. Eshrat Ansari by Vice Principal, Sardar Patel Mahavidyalaya, Dr. S. V. Madhamshettiwar.**









SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR.

Department of Physics

Workshop on "Fabrication of Furnace"

Attendance List

Date: 23/03/2023

S.N.	Name of the Students	Class	Mobile No.	Signature
1	Chetana S. Dhawal	Msc 1 <sup>st</sup> year	7498695175	<i>Chawal</i>
2	Vedanti K. Chichmalkar	Msc 1 <sup>st</sup> year	9890744944	<i>Vedanti</i>
3	Sneha P. Karmble	-II-	9689255531	<i>Sneha</i>
4	Smrut R. Dhoke	-II-	8975057470	<i>Smrut</i>
5	Kedareshaani Dayalwar	-II-	8888252205	<i>Dayalwar</i>
6	Tejswini Parchake	-II-	9307124290	<i>Parchake</i>
7	Sakshi S. Urkude	-II-	9356615389	<i>Urkude</i>
8	Swati N. Wadghane	-II-	7620243517	<i>Wadghane</i>
9	Nalini S. Raut	-II-	7744928588	<i>Raut</i>
10	Durga Dilip Bhagkar	-II-	9604240156	<i>Bhagkar</i>
11	Monali Dilip Lonbale	-II-	8605525698	<i>Lonbale</i>
12	Sadaf Ansari	-II-	8624087184	<i>Ansari</i>
13	Sandeep Rai	-II-	9822568235	<i>Rai</i>
14	VIKAS Buradkar	-II-	9558745285	<i>Buradkar</i>
15	Amit Gondhali	-II-	9673839078	<i>Gondhali</i>
16	Nirbhay V. Wani	-II-	9511280171	<i>Wani</i>
17	Vinay S. Dawar	-II-	8830863315	<i>Dawar</i>
18	Riya S. Tumram	-II-	7088119822	<i>Tumram</i>
19	Anjali B. Crudpalle	-II-	8668755102	<i>Crudpalle</i>
20	Shilpika's. Muthyala	-II-	9907903654	<i>Muthyala</i>
21	Chaitalee R. Dange	M.Sc 1 <sup>st</sup> year	9172923355	<i>Dange</i>
22	Santhya Kattar	M.Sc II yr.	9373801518	<i>Kattar</i>
23	Kanchan Yudav	M.Sc II yr.	9579147929	<i>Yudav</i>
24	Rina Banerje	M.Sc II yr.	7020787965	<i>Banerje</i>
25	Gayatri Bagit	-II-		<i>Bagit</i>
26	Jasveer Kaur	M.Sc II yr.	8010894849	<i>Kaur</i>
27	Poojita mandal	M.Sc II yr.	7020486277	<i>Mandal</i>
28	Nutan Nikode	-II-		<i>Nikode</i>
29	Shivani Zale	-II-		<i>Zale</i>
30	Pandurang Meshram	-II-		<i>Meshram</i>
31	Komal Chundar	-II-		<i>Chundar</i>
32	Puja Meshram	M.Sc II yr.	7557897892	<i>Meshram</i>
33	Ashma Bhatkar	M.Sc II yr.		<i>Bhatkar</i>
34	Anjali Bencodkar	M.Sc I yr.	8830392671	<i>Bencodkar</i>
35	Manish Kar Gajjala	M.Sc I yr.	9359091243	<i>Gajjala</i>

## ❖ Activity 5

M.Sc. (Physics) 22 Students had successfully completed the online 12 module training on “**Energy Literacy Training**” of the Energy Swaraj Foundation run by Prof. Chetan Singh Solanki from IIT, Mumbai.





REGISTRATION NO: DWQ2-ELT-2022-814013

Energy Swara Foundation  
Energy for India for Energy



# Certificate of Energy Literacy

This is to certify that  
**Pratima Mandal**

has successfully completed the 5-hour course spanning over 12 modules. The training helps people in understanding energy, its generation, consumption, wastage, carbon footprint, impact on the environment, means to avoid and minimize energy usage, alternative energy solutions, ways to become carbon neutral, misconceptions on solar energy and approach to adopt solar energy solutions. This training is a part of the "Energy Literacy Drive" of the Energy Swara Foundation and supported by Maanaveya Development & Finance Private Limited.

13 Jan 2023

Date



Dr. Chandra Singh Yadav  
CHAIRMAN  
Energy Swara Foundation





*Department of Physics*

**Session: 2022-2023**

## **2. Participation Learning**

## ❖ Activity 1

A Report on  
**Science to Society Activity**  
in collaboration with IAPT Innovation Hub  
On the Occasion of  
**Birth Centenary Prof. D.P. Khandelwal**

**Organizers:** Department of Physics & Department of Computer Science, Sardar Patel Mahavidyalaya, Chandrapur

**Chief Guest:** Dr. Abha Khandelwal, Retd Head Department of Computer Science, Hislop College Nagpur.

**Resource Person:** Prof . Y. K Vijay, Director CIST, IIS University, Jaipur.

**Conveners:** Dr. Urvashi P. Manik and Dr. S. B. Kishor

**Date:** 30/09/2022

Department of Physics & Department of Computer Science, Sardar Patel Mahavidyalaya, Chandrapur conducted '*Science to Society*' activity by organizing virtual 'Tour to Innovation Hub of IAPT, Jaipur' to celebrate Prof Dr. D. P. Khandelwal Birth Centenary Year on 30 September 2022. Principal, Dr. Pramod M Katkar, Vice Principal Dr. Swapnil V. Madamshettiwar, Dr. Abha Khandelwal, Dr. S. B. Kishor and Dr. Urvashi P. Manik grace the dais on this occasion. Dr. Urvashi P. Manik emphasized the use of Science to Society in the Introductory Speech. She asked students to use technologies for understanding concepts of physics.

Dr. Abha Khandelwal, the chief guest introduced working of IAPT. She enlightened the memories of **Founder President of IAPT, Dr. D. P. Khandelwal**, a legendary physicist. She briefed the students about involvement of physical phenomenon around everyone. Also introduced students to familiar with Computational Physics. Further she explained how It has enabled physicists to understand complex problems more completely compared to using theoretical and experimental methods.

Dr. P. K. Ahluwalia, President IAPT, Kanpur interacted students on this occasion in online mode. Dr. Ahluwalia congratulated Sardar Patel Mahavidyalaya for arranging this program. Dr. Y. K. Vijay, resource person of the event demonstrated physics experiments to student using simple techniques. He used simple setups for demonstration of difficult concepts of Physics. Principal Dr. Pramod M. Katkar assured that he will get Innovation Hub Science Gallery established at the college so that students can do activities by themselves to understand physics.

Asst. Prof. Neha G. Giradkar conducted the event and Dr. S. B. Kishor proposed the vote of thanks. Dr. Varsha Thakre, Dr. Pankaj Dhumane, Dr. Rajani Singh, Asst. Prof. Mitali Sarkar, Asst. Prof. Sonali Watekar, Dr. Paritosh Mishra, Asst. Prof. Priyanka Kotkar Asst. Prof. Nigar Pathan and other teaching and nonteaching staff contributed immensely for the very success of the event.



**Chief Guest Dr. Abha Khandelwal briefing the contribution of Dr. D. P. Khandelwal of Sardar Patel Mahavidyalaya, Chandrapur during Dr. D. P. Khandelwal Birth Centenary Celebration**



**Felicitation of Chief Guest Dr. Abha Khandelwal by Principal, Dr. Pramod Katkar on the behalf of IAPT**



Principal Dr. P. M. Katkar addressing the students and faculty and assured to start the concept of “Science to Society” in collaboration with IAPT.



An Online interaction of the students and staff members with Dr. Ahluwalia Sir



❖ Activity 2



**SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**

**UnderGraduateDepartment of Physics**

**Workshop Report**

**12/09/2023**

**At**

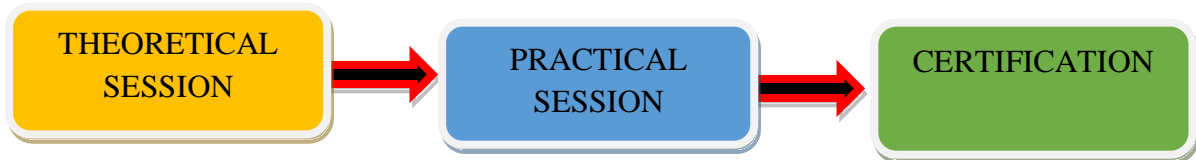


**Bajaj College of Science, Wardha**

**In Association with**



**Indian Association of Radiation Protection,  
BARC, Mumbai**



**Prepared By:**

**Dr Paritosh L. Mishra**

**Head**

**Department of Physics**

**Dr. Urvashi P. Manik**

**Principal**

**Dr. Pramod M. Katkar**

**S.P. College, Chandrapur**



## CONTENT

1	<b>Acknowledgement</b>	<b>4</b>
2	<b>Information</b>	<b>4</b>
3	<b>Purpose of Workshop</b>	<b>6</b>
4	<b>What We Learnt?</b>	<b>6</b>
5	<b>Group Observation</b>	<b>8</b>
6	<b>Conclusion</b>	<b>8</b>
7	<b>List of Faculties</b>	<b>9</b>
8	<b>List of Participated Students</b>	<b>9</b>



## **Bajaj College of Science, Wardha**

### **ACKNOWLEDGEMENT**

We are deeply indebted to the principal Dr. Pramod M. Katkar Sir, for giving us permission to go for such a workshop.

Our sincerely gratitude to Head, Department of Physics, Prof. Dr. Urvashi P. Manik Ma'am, for taking initiatives in view to organize this event, her guidance and continuous co-operation made this visit successful.

We will like to thank our college management for being supportive all time and giving such a good opportunity to attend and participate the workshops at different colleges in view to see and interact with the eminent speakers from the reputed associations and institutes.



## **INFORMATION**

Shiksha Mandal's Bajaj College of Science, Wardha, is one of the most craving destinations for education in Vidarbha region of Maharashtra. The Management, Shiksha Mandal is committed to offering quality education. Since its establishment, the college has broadened its horizons, offering various skill enhancement courses, post-graduate and doctoral programmes. Today, more than 1700 students are availing quality education at junior college, undergraduate, post-graduate and doctoral levels in the institute. The college was the first institution to be accredited in the entire Vidarbha in 1999 and recipient of three stars (\*\*\*) by NAAC. Thereafter it was again the first to be re-accredited in 2006. It has been accredited by NAAC with the prestigious 'A' grade with CGPA 3.21 in 2014. This is the very first college in entire Vidarbha that underwent the third meticulous cycle of accreditation. Prior to this achievement, the college has already been honoured with a status of College with Potential for Excellence (CPE) by UGC, New Delhi. College was also selected under 'Star College Scheme by Department of Biotechnology, Govt. of India from 2013 to 2016. The college magazine won the consolation prize by RTM Nagpur University, Nagpur for two consecutive years 2018-19 and 2019-20.

In 1968 a group of scientists at Bhabha Atomic Research Centre concerned with radiation safety initiated a proposal to set up a professional association to promote safety in the manifold uses of ionizing radiation in the country. The constitution was drafted and adopted and the Association was formed in 1969. The Indian Association for Radiation Protection (IARP) was registered under the Public Trust Act, 1950. The association has a large membership of specialists and users of natural and manmade radiation sources from different parts of the country. The association has been guided by eminent scientists in the field. Late Dr. A.R. Gopal Ayengar an internationally renowned radiation biologist was its first President.

The successive past presidents are late Dr. A.K. Ganguly an international authority on radiation physics and also the renowned environmentalist, late Dr. K.G. Vohra, an international authority in environmental pollution, Shri A. Nagaratnam, an authority on radiation protection and Shri M.S.R. Sarma a renowned Reactor Engineer and an authority on Reactor Operation and Safety, Dr. U. C. Mishra an eminent environmentalist and an international authority on instrumentation for detection and measurement of low level radioactivity. Our immediate Past President was Dr. V. Venkat Raj, an authority on Reactor Safety and Radiological Protection.

The Association was admitted in May 1970 as an Associate Society of the International Radiation Protection Association (IRPA). To strengthen the countrywide spread of knowledge in the field of radiation protection, Association has started many new chapters. One chapter currently functioning is at Kalpakkam.



## **PURPOSE of VISIT**

### **1. Aim of Workshop**

Main aim of the workshop is to provide an exposure to students about practical working environment. They also provide students a good opportunity to gain full awareness about radiation and their impact on human life. Through workshop students get awareness about new technologies. Technology development is main factor, about which a students should have a good knowledge. Attending different workshops actually helps to students to get the theoretical as well as practical knowledge. We know attending workshops always will helps to gain a good skill and practical gain in future. After attending and participating workshops students can gain a combined knowledge about both theory and practical.

Students will be more concern about earning a job after having a successful completion of workshop.

## **2. Importance of the Workshop**

1. To gain practical knowledge of the actual working of the working body.
2. The get the practical knowledge of the project development process.
3. To adopt criteria about management.
4. To observe different instruments how they work.
5. How to control and sort out the various circumstances.

## **3. Significance of the Workshop**

The basic objective of workshop is for studying, observing and gathering various aspects related with different instruments.

The different techniques and methods being used in workshops are studied in order to given wide outlook concerning.

### **What We Learnt?**

On 12<sup>rd</sup> September, 2023 at 10:30 am we reached at J.B. Science College, Wardha. This is one of the “Autonomous College located at Wardha district”.

The entire schedule of workshop is divided into broadly two sessions (Pre-lunch and Post-lunch).

#### **• PRE-LUNCH SESSION**

In this session, organization committee of J.B. Science, College, arrange the three talks of experts coming from ISRO.

#### **• POST – LUNCH SESSION**

After a hard lunch, students and faculties move for the post lunch session. In this session organizing committee of J.B. Science College, scheduled two lab demonstration session located at different Laboratories of Physics Department. Out of them in first session scientist from Mumbai (ISRO) perform the practical demonstration of G.M. Counter and in the second one student get familiar with the Energy Radiation Oscilloscope and Scintillation Counter.





## **Group Observation**

1. This Workshop is very helpful in our future practical life and brings a positive change in our thinking regarding radiations and their impact on human life.
2. Got practical knowledge about the advancement in technology of radiation.
3. Information on Indian Nuclear Program and beneficial effects of Radiation.
4. Familiar with different instruments used by radiation center.



## **Conclusion**

The experience of this workshop was really fantastic and unforgettable. It was a reverberating experience which cherished all of us.

Students got valuable information from this workshop on different aspects of radiation and INEP Mumbai and performed the practical's based on radiation to clear the scenario. We got to learn a lot many more things from this tour.

## Sardar Patel Mahavidyalaya, Chandrapur

National Workshop in Collaboration with ISRO's Indian Association of  
Radiation Protection (IARP)

S.N.	Name of Student	Class
1.	Manishankar S. Dey	B.Sc. Final Year
2.	Nazmin S. Sheikh	B.Sc. Final Year
3.	Damini G. Dewangan	B.Sc. Final Year
4.	Manuja K. Sen	B.Sc. Final Year
5.	Prajakta P. Rajgade	B.Sc. Final Year
6.	Mahek F. F. Sheikh	B.Sc. Final Year
7.	Shraddha R. Gurjelwar	B.Sc. Final Year
8.	Sanafatma H. Siddique	B.Sc. Final Year
9.	Mannatun A. Sheikh	B.Sc. Final Year
	<b>Faculty Member</b>	
10.	Dr. Paritosh L. Mishra	



### ❖ Activity 3

### ❖ A Report on

### ❖ VUPTA STUDENTS SEMINAR-2023

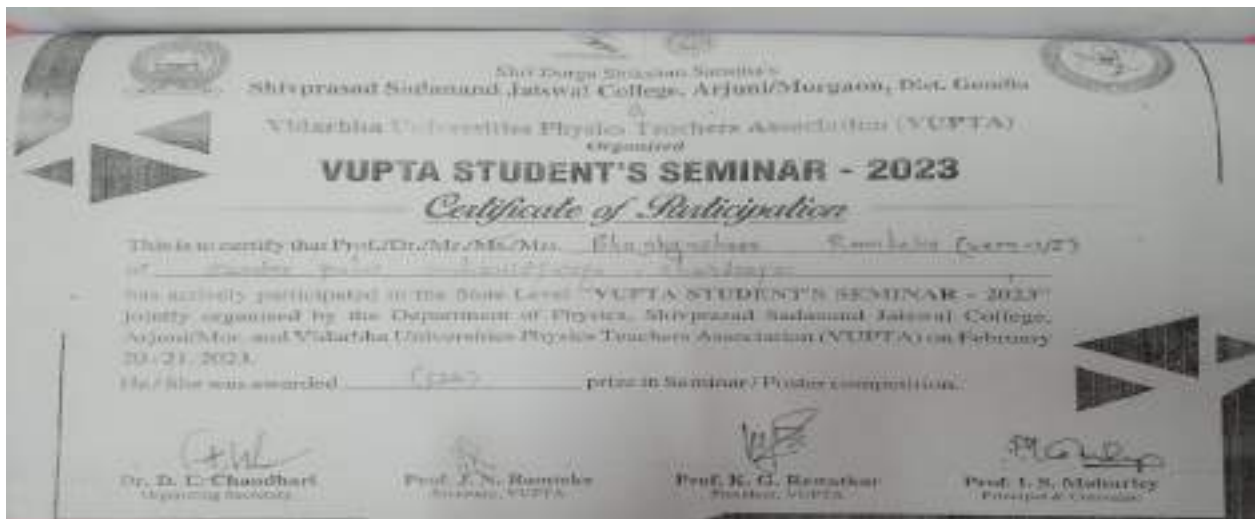
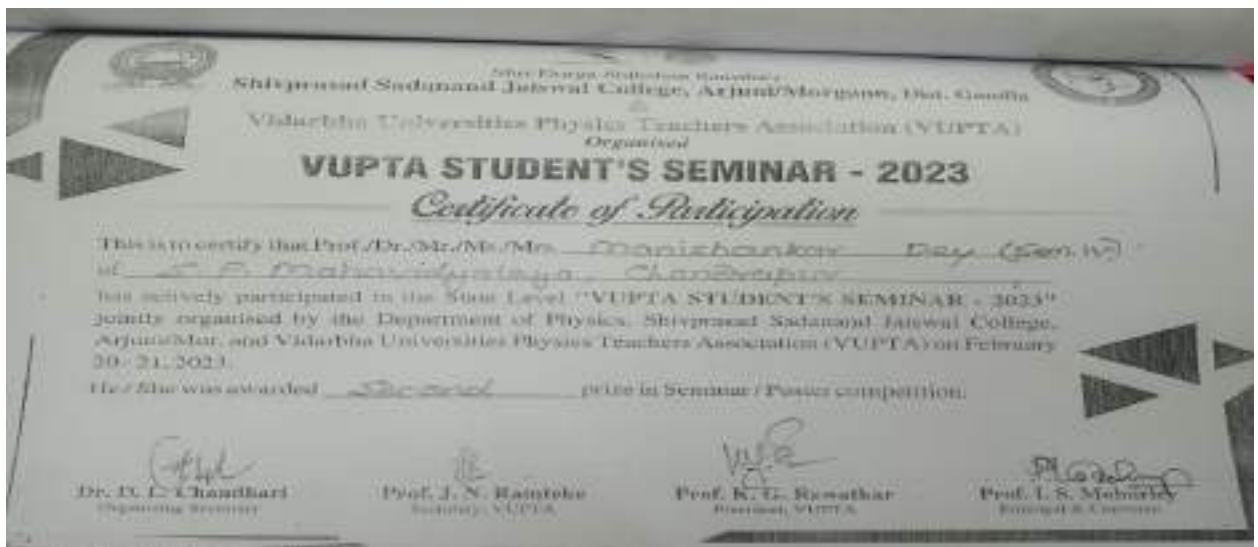
- ❖ Vidarbha Universities Physics Teachers Association (VUPTA) student's seminar & poster/chart Competition in physics was held on 20<sup>th</sup>& 21<sup>th</sup> Feb 2023. Organized by Department of Physics and Vidarbha Universities Physics Teachers Association
- ❖ **Event started on:** 20 February 2023 at 10:00 am
- ❖ **Event ended on:** 21 February 2023 at 5:00 pm
- ❖ **Event venue:** Seminar Hall Shivprasad Sadanand Jaiswal College, Arjuni/Morgaon, Dist-Gondia
- ❖ VUPTASeminar-23 was organized by Shivprasad Sadanand Jaiswal College Arjuni (Morgaon) during 20-21st February 2023. From our college Sardar Patel Mahavidyalaya Chandrapur total 11 students participated in VUPTA STUDENTS SEMINAR–2023. Out of which 04 students participated in Poster Presentation and 07 participated in Oral Presentation among them following students have secured the different positions in seminar event.

Sr. No.	Name of Student	Class	Position Secured	Seminar/Poster
01	Miss. Sadaf Ansari	M.Sc. (SEM-II)	1 <sup>st</sup>	Seminar
02	Mr. Manishankar Dey	B.Sc. (SEM-VI)	2 <sup>nd</sup>	Seminar
03	Miss. Bhagyashree Ramteke	B.Sc. (SEM-VI)	3 <sup>rd</sup>	Seminar

- ❖ The remaining students have been appreciated with participation certificates.



❖ Miss. Sadaf Ansari Presenting her topic in Seminar Competition





## ❖ Activity 4

The following Research Papers were published by our M.Sc. Sem. IV students.

Sr. No.	Name of Author's	Journal Name	Topic of Paper	ISSN
01	J.K.H. Sandhu, U. P. Manik and P. L. Mishra	Acta Scientific Applied Physics	The Study of Molecular Interaction between Niacinamide (Vitamin B3) and Ascorbic Acid (Vitamin C) with Water at Different Temperature  <a href="https://actascientific.com/ASAP-3-5.php">https://actascientific.com/ASAP-3-5.php</a>	NA
02	A. A. Borkar, U. P. Manik and P. L. Mishra	RA Journal of Applied Research	Molecular Interaction between Amino Acid (Glycine) and Vitamins using Ultrasonic Technique  <a href="https://doi.org/10.47191/rajar/v9i4.13">https://doi.org/10.47191/rajar/v9i4.13</a>	2394-6709
03	K. R. Yadav, U. P. Manik and P. L. Mishra	International Journal for Research Trends and Innovation	Volumetric Properties of Ascorbic Acid (AA) in Different Amino Acid Solutions at Different Temperature  <a href="https://www.ijrti.org/viewpaperforall?paper=IJRTI2304143">https://www.ijrti.org/viewpaperforall?paper=IJRTI2304143</a>	2456-3315
04	P. C. Durge, U. P. Manik and P. L. Mishra	International Journal of Current Research	Ultrasonic Characterization on Glucose in Aqueous Vitamin Solution  <a href="https://www.journalcra.com/article/ultrasonic-characterization-glucose-aqueous-vitamin-c-solution">https://www.journalcra.com/article/ultrasonic-characterization-glucose-aqueous-vitamin-c-solution</a>	0975-833X
05	G. L. Ragit, U. P. Manik and P. L. Mishra	International Journal of Scientific Research in Science and Technology	Molecular Interaction Between Acetamide and Salt Solutions by Thermo-Acoustical Approach  <a href="https://ijsrst.com/IJSRST523102106">https://ijsrst.com/IJSRST523102106</a>	P: 2395-6011 O: 2395-602X
06	C. R. Dange, U. P. Manik and P. L. Mishra	Acta Scientific Applied Physics	A Volumetric and Acoustical Study to Explore Interaction between Acetamide and Electrolyte Solution  <a href="https://actascientific.com/ASAP-3-5.php">https://actascientific.com/ASAP-3-5.php</a>	NA
07	N.B. Nikode,	International Journal of Physics and	An Study on Volumetric and Thermo-acoustic Properties of Amino-acetic Acid in Aqueous Solution	P: 2664-7575

	U. P. Manik and P. L. Mishra	Application	<a href="https://doi.org/10.33545/26647575.2023.v5.i1a.63">https://doi.org/10.33545/26647575.2023.v5.i1a.63</a>	O: 2664-7583
08	R. R. Bangde, U. P. Manik and P. L. Mishra	International Research Journal of Engineering and Technology	A Thermo-acoustical Investigation on Amino Acetic Acid in Aqueous KCl Solution  <a href="https://www.irjet.net/volume10-issue4">https://www.irjet.net/volume10-issue4</a>	P: 2395-0072  O: 2395-0056

*Department of Physics*

**Session: 2022-2023**

### **3. Problem Solving Method**

## ❖ Activity 1



Sardar Patel Mahavidyalaya, Chandrapur

Department of Physics

Remedial Classes for Weak Students

Session: 2022-2023 (Even Sem) *Effective from*  
*20/02/2023*

For B.Sc. I

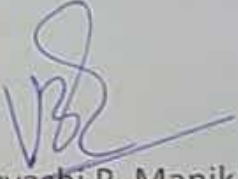
Day	Time	Batch	Name of Teacher	Room No.
Monday	11:00	PCM	Prof. Pranali S. Gorghate	Lab (2) Phy
Tuesday	11:00	PMC/S	Prof. Pranali S. Gorghate	11
Wednesday	11:00	PCC/S	Prof. Sonali M. Watekar	Lab (2) Phy

For B.Sc. II

Day	Time	Batch	Name of Teacher	Room No.
Monday	11:00	PMC/S	Prof. Sonali M. Watekar	11
Monday	11:50	PCC/S	Prof. Sonali M. Watekar	Lab (2) Phy
Saturday	09.10	PCM	Prof. Pranali S. Gorghate	11

For B.Sc. III


Day	Time	Batch	Name of Teacher	Room No.
Tuesday	09:10	PCM	Prof. Mitali N. Sarkar	11
Friday	11:00	PCC/S	Prof. Mitali N. Sarkar	10
Saturday	11:00	PMC/S	Prof. Mitali N. Sarkar	09

  
(Dr. Urvashi P. Manik)

Head, Department of Physics

**Urvashi P. Manik**

Head  
Department of Physics  
S.P. College, Chandrapur

  
(Dr. P. M. Katkar)

Principal  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION: 2022-2023  
B.Sc. I (Sem-I)

Name of Lecturer: Prof. Pranali S. Gorghate

Date: 27/02/2023

S.N.	Name of Student (PCM)	Topic Name
1	Sprang G. chaudhari	Paper-I (Unit-II)
2	Heramb S. Latore	* Properties of
3	Shatevati S. Khanke	Charges
4	Yash A. Kinake	* Coulomb's Law
5	Babli Z. Banik	* Electric Field & Electric
6	Leena R. Mahadole	Field Intensity
7	Usha P. Prajapati	* Electric Potential
8	Vijeta V. Wani	* Electric Potential Energy
9	Dipawali R. Wagh	* Numericals
10	Zoya T. Verma	1) Find the magnitude of the
11	Khushi R. Thulkar	isolated positive point charge
12	Gaurav P. Zade	which can produce an electric
13	Tarvi Hanmante	potential of 18 volts at a
14	Mohini S. Nimgade	distance 10 cm from the
15		charge.
16		2) Find the electric potential
17		energy of an electron-proton
18		system of a hydrogen atom.
19		Given radius of electron orbit
20		$= 5.29 \times 10^{-11} \text{ m}$ & $e = 1.6 \times 10^{-19} \text{ C}$ .

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate

*Pranali S. Gorghate*

Date: 06/03/2023

S.N.	Name of Student (PCM)	Topic Name
1	Manchesha Gampala	Unit Test
2	Sarang Chaudhari	Paper-II (Unit-I)
3	Janki Hanumante	1) Define magnetic
4	Nikita Khobragade	vector Potential
5	Roshani Bharedkar	2) Define ferromag-
6	Hiramb S. Latave	netic substance.
7		
8		3) State & Explain
9		Biot-savart law
10		write it in the
11		vector form.
12		
13		4) Properties of
14		Ferromagnetic
15		substance.
16		5) Define Magnetic
17		Induction.
18		6) Magnetic Intensity
19		7) State & Prove ampere
20		Circular law of Magnetic
		Field.



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION- 2022-2023  
B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 20/03/2023

S.N.	Name of Student (PCM)	Topic Name
1	Sarang G. Chaudhari	Paper-I (Unit-I)
2	Hexamb S. Latare	Revision on Topic
3	Sharvari S. Khanke	1) Scalar quantity,
4	Yash A. Kimmake	vector quantity, curl,
5	Babli Z. Banik	Gradient, divergence,
6	Leena R. Mahadole	dot product, cross product
7	Usha P. Prajapati	2) How to calculate dot
8	Vijeta V. Wani	and cross product of
9	Dipawali R. Wagh	two vectors.
10	Zoya T. Verma	3) How to calculate curl,
11	Khushi R. Thulkare	Gradient, divergence.
12	Nihira Khobragade	4) Del operator, Line
13	Mandisha Gampala	Integral, Surface Integral
14	Roshani Bharamdar	5) Unit Test on
15	Jarvi Hamante	Paper-I (Unit-I).
16		
17		
18		
19		
20		



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION - 2022-2023  
B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 21/02/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Suhani V. Lokhande	Paper I (unit + I)
2	Sachin D. Bansod	<u>Revision of Topic</u>
3	Praywal G. Landge	* Scalar quantity, vector quantity, curl, Gradient, divergence, dot product, cross product  * How to calculate dot & cross product of two vector.  * How to calculate curl, divergence, gradient.  * del operator.  * Line Integral  * surface Integral.
4	Siddhesh U. Khond	
5	Siddhant P. Wasekar	
6	Priso P. Bala	
7	Uday R. Rohankate	
8	Nikita D. Bagde	
9	Khushi L. Tarafdar	
10	Khushi D. Gude	
11	Sakshi S. Yerme	
12	Rakhi S. Chalkh	
13	Niraj Ni Kewat	
14	Fizza A. K. Rizvi	
15	Rutuja B. Isankar	
16	Janvi C. Shimgekar	
17	Bharti H. Watekar	
18	Pranali K. Bajait	
19	Bharti B. Bhoyar	
20	Manish P. Manusmaree.	
21	Nishant S. Petkar	

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION- 2022-2023  
B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate




Date: 28/02/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Uday Rohankar	Paper - I (Unit-II)
2	Pranav Londge	1) Properties of charges
3	Bhaskar Bhojane	2) Coulomb's law
4	Piyush S. Nagpure	3) Electric Field & Electric
5	Pranali K. Bajait	Field Intensity
6	Siddhesh U. Khond	4) Electric potential &
7	Siddhant D. Wasekar	Electric Potential Energy
8	Suhani V. Lokhande	5) Numericals on
9	Bhaskar H. Watekar	Electric potential &
10	Janvi C. Shingekar	Electric potential
11	Fiza A. Khan Rizvi	Energy.
12	Shachi H. Pihul	
13	Miraj N. Kewat	
14		
15		
16		
17		
18		
19		
20		



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION- 2022-2023  
B.Sc. I (Sem-I)

Name of Lecturer: Prof. Pranali S. Gorghate 

Date: 21/03/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Bhakti B. Shoyare	Unit-Test
2	Pranali K. Bajait	Paper-I (Unit-I)
3	Bhakti H. Watekar	1) Define scalar
4	Tanvi C. Shingare	Product of two
5	Rutuja B. Isankare	vectors. Show that
6	Fiza A. K. Rizvi	$\vec{A} \cdot \vec{B} = A_x B_x + A_y B_y + A_z B_z$
7	Niraj N. Kewat	2) Define Vector product
8	Rakhi S. Chalath	of two vectors. State
9	Sakshi S. Yerne	its important characteristics
10	Khushi D. Gude	3) Define gradient of a scalar
11	Khushi L. Tadafdar	field & give its physical
12	Nikita D. Bagade	significance.
13	Uday R. Rohankar	4) $\text{curl}(\phi \vec{A}) = \phi \text{curl} \vec{A} + \text{grad} \phi \times \vec{A}$
14	Puro Punitish Bala	5) Define del operator.
15	Siddhant Prashant Watekar	6) Define line integral.
16	Siddhesh U. Khond	7) Define surface integral.
17	Pranjwal G. Lendge	8) Explain scalar & vector
18	Sachin D. Bansod	quantities.
19	Zuhani V. Lokhande	9) show that $\vec{A} = 2\vec{i} + 3\vec{j} - 2\vec{k}$ &
20		$\vec{B} = 2\vec{i} + 4\vec{j} + 8\vec{k}$ are

mutually perpendicular.

10) Find the divergence of a vector  
 $\vec{A} = xy\vec{i} + yz\vec{j} + zx\vec{k}$  at  
point (1, 1, -1).

## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 28/03/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Khushi S. Gude	Unit Test -
2	Manish P. Manumare	Paper-II (unit-I)
3	Rutuja B. Isankar	1) State & Explain Biot-Savart
4	Suhani V. Lokhande	law & write its in vector
5	Rakhi S. Chalekh	Form.
6	Bharti H. Watekar	2) State & Explain Ampere
7	Nikita D. Bagade	Circular law for a magnetic
8	Siddhant P. Wasekar	field.
9	Priso P. Bala	3) Define magnetic suscepti-
10	Pranali K. Bajait	bility.
11	Bharati T. Bhoyar	4) Define Magnetic permeabi-
12	Janvi C. Shingekar	lity.
13	Piyush S. Nagpure	5) Explain Diamagnetic
14	Uday R. Rohankate	properties of magnetic
15	Fiza A. Khan Rizvi	substance.
16	Prajwal G. Landge	6) Define magnetic Induction
17	Prachi S. Nimbalkar	and magnetic Intensity.
18	Nishant S. Patkar	7) Define Ferromagnetic
19	Gayatri S. Bhandarkar	substance. Write any two
20	Prachi B. Kalsde	properties of Ferromagnetic
21	Niraj M. Kewat	material.
22	Siddhant U. Khond	8) Define magnetic
23	Sachin Bansod	vector potential?



REMEDIATION CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Semi-I)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 22/02/2023

S.N.	Name of Student (PCCS)	Topic Name
1	Aditya S. Kolhe	Define scalar and vector quantity.
2	Yash U. Choudhary	
3	Vedanti S. Jhokare	
4	Toshna Pimpale	
5	Krishna G. Sankar	
6		Some Numericals on scalar and vector product.
7		
8		Some Numericals on curl and divergence.
9		
10		
11		
12		
13		
14		
15		

Date: 01/03/2023

S.N.	Name of Student (PCCS)	Topic Name
1	Supriya C. Thaware	Test on Unit - I (Paper - I)
2	Prachi Y. Gihate	
3	Aditya S. Kolhe	
4	Srushti L. Jandhe	
5	Achal Patil	
6	Srushti Khisalkar	[ All Que. based on previous Paper ] Vector Analysis and Electrostatics
7		
8		
9		
10		
11		
12		
13		
14		
15		



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION- 2022-2023  
B.Sc. I (Sem-II)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 08/03/2023

S.N.	Name of Student (PCCS)	Topic Name
1	Prachi Y. Ghate	Test on Unit - I (Paper - II) Magnetostatic and Electromagnetic waves. (All que. based on previous paper)
2	Yash Chaudhari	
3	Sahil Jenekar	
4	Sruuti Khistekar	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

Date: 15/03/2023

S.N.	Name of Student (PCCS)	Topic Name
1	Prachi Y. Ghate	Electric field and Electric potential, Coulomb's law for electrostatic force between two charges.
2	Supriya C. Thawase	
3	Kiran A. Nimbalkar	
4	Aditya S. Kolhe	
5	Yash V. Choudhary	
6	Sahil G. Jenekar	
7		
8		
9		
10		
11		
12		
13		
14		
15		

REMEDIAL CLASS ATTENDANCE

SESSION - 2022-2023

B.Sc. I (Sem-II)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 29/03/2023

*Watekar*

S.N.	Name of Student (PCCS)	Topic Name
1	Shruti Kihirsattkar	Test on Unit-II (Paper-II) Magnetostatic & Electromagnetic waves.
2	Supriya Thawase	
3	Kiran Nimbalkar	
4	Prachi Y. Gihate	
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 04/02/2023

S.N.	Name of Student (PCM)	Topic Name
1	Shivani B. Mehta	Paper - II
2	Ankita C. Ambekar	Unit - IV
3	Mannatun A. Sheikh	Revision on Topic
4	Pragati S. Meshram	1) Unpolarized Light &
5	Harshita S. Rangari	polarized light
6	Valshnavi M. Zade	2) Nicol prism,
7	Sumit M. Giradkar	principle, construction
8	Avantika B. Pipare	and working of
9	Sonu P. Dike	Nicol prism.
10	Rahul S. Zade	Unit - I
11	Devyani A. Wadgaonkar	1) Wavefront
12	Samiksha A. Wirmalwar	2) Constructive Interference
13	Devaki S. Nalamwar	3) Destructive Interference
14	Ajay B. Ramteke	2) Condition for steady
15	Prajwal B. Dhamorkar	Interference of light.
16	Sujal M. Govardhan	
17	Kushworati M. Waghmare	
18	Shradha R. Gogelwar	
19	Mahes F.F.A. Sheikh	
20		



REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 20/02/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Ajay M. Patil	Numericals on wave plate How to find - i) thickness ii) wavelength iii) difference of refractive index
2	Ruchita Dakhane	
3	Muskan Ahuja	
4	Shadhamsh Yadav	
5	Kalyani P. Kamatwar	
6	Ankita R. Thakare	
7	Arshi P. Sharma	
8	Aashtha P. Gundawar	
9	Rahel K. Yadav	
10	Rohan D. Yadav.	
11		
12		
13		
14		
15		
S.N.	Name of Student (PCCS)	Topic Name
1	Kumkum J. Kharwar	Numericals on wave plate How to find - i) thickness ii) wavelength iii) difference of refractive index
2	Maheknaz J. Sheikh	
3	Achal S. Parshake	
4	Manuja K. Sen	
5	Seemkalp G. Gihadle	
6	Aniket R. Chalkh	
7	Yash M. Khemaskar	
8		
9		
10		
11		
12		
13		
14		
15		

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 06/03/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Astha P. Gundawar	Some Numericals on previous paper and some Numericals based on E-ray & $\alpha$ -ray Q. How to find velocity of E-ray and $\alpha$ -ray
2	Aarti P. Sharma	
3	Sudhaneshu K. Yadav	
4	Rahul R. Yadav	
5	Rohan D. Yadav	
6	Chetan M. Dupare	
7	Ajay M. Patil	
8	Ankita R. Thakare	
9	Namita V. Raut	
10	Kalyani P. Kamthekar	
11	Sugai M. Moon	
12		
13		
14		
15		
S.N.	Name of Student (PCCS)	Topic Name
1	Zainab Noosi N. Aherrad	Some Numericals on previous papers. and some Numericals based on E-ray and $\alpha$ -ray Q. How to find velocity of E-ray and $\alpha$ -ray.
2	Sakshi T. Purselli	
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		



REMEDIAL CLASS ATTENDANCE

SESSION - 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 11/03/2023

S.N.	Name of Student (PCM)	Topic Name
1	Shivani B. Mehta	Unit - Test
2	Ankita C. Ambekar	Paper-II (Unit-I)
3	Mannatun A. Sheikh	1) Define Wavefront?
4	Pragati S. Meshram	2) What are the constructive interference and destructive interference of light? State its conditions.
5	Harshita S. Rangari	
6	Vaishnavi M. Zade	
7	Sumit M. Ghoradkar	
8	Avantika B. Pipare	3) state the principle of superposition of wave.
9	Somy P. Ujke	
10	Rahul S. Zade	4) State the condition for steady interference of light.
11	Devyani A. Wadguree	
12	Samiksha A. Virmalwar	5) Explain the phenomenon of interference in thin film and obtain the condition for maxima & minima for interference in thin film, due to reflected ray of light.
13	Devaki S. Nalamwar	
14	Ajay B. Ramteke	
15	Praswal B. Dhanorkar	
16	Sujal M. Govardhan	
17		
18		
19		
20		

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 13/03/2023

S.N.	Name of Student (PIMCS)	Topic Name
1	Yogesh V. Gargelwar	Unpolarized light and polarized light.  Nicol prism, Principle, construction and working of Nicol prism
2	Vishranti V. Kale	
3	Sakshi H. Matte	
4	Ankita R. Thakare	
5	Kalyani P. Kamthure	
6	Gayatri S. Nawghare	
7	Namita V. Raut	
8	Aastha P. Gundawar	
9	Arati P. Sharma	
10	Shatabdi C. Govardhan	
11	Vandehi A. Bachuwar	
12	Jitesh G. Bodele	
13	Ajay M. Patil	
14	Ruchita Dakhane	
15	Muskan M. Ahuja	
S.N.	Name of Student (PCCS)	Topic Name
1	Manishankar S. Dey	Unpolarized light and polarized light  Nicol prism, principle, construction and working of Nicol prism
2	Damini G. Dewangan	
3	Nazmin S. Sheikh	
4	Maherrez J. Sheikh	
5	Manuja K. Sen	
6	Zainab Moori N. Akhmad.	
7	Sakshi T. Purcell	
8	Shrutti D. Aswale	
9	Om T. Thombare	
10		
11		
12		
13		
14		
15		



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
REMEDIAL CLASS ATTENDANCE  
SESSION- 2022-2023  
B.Sc. II (Sem-IV)

Date: 18/03/2023

Name of Lecturer: Prof. Pranali S. Gorghate

S.N.	Name of Student (PCM)	Topic Name
1	Sonu P. Uike	Unit - Test
2	Shirani B. Mehta	Paper-II (Unit-IV)
3	Mannatun A. Sheikh	1) What is difference
4	Ajay B. Ramteke	between polarized
5	Sujal M. Govardhan	light and unpolarised light.
6	Mahek F.F.A. Sheikh	2) state and prove
7	Devaki S. Nalamwar	Brewster's law.
8	Shraddha R. Gurjelwar	3) Explain the difference
9	Sumit M. Giradkar	between positive and
10	Pratiksha P. Dandekar	negative crystal.
11	Shweta R. Patate	4) What is Nicol prism?
12	Vaibhav V. Borkute	Describe the principle
13	Smitksha A. Virmatwar	Constructions and working
14	Charulata T. Matnd	of Nicol prism.
15	Pranjwal B. Dhanorkar	5) Explain double refraction
16	Kushworati M. Waghmare	of uniaxial crystal.
17	Ankita C. Ambekar	6) For calcite $\mu_o = 1.648$ &
18		$\mu_e = 1.486$ For sodium light.
19		calculate the minimum thickness
20		of quarter wave plate for
		calcite. (Given $\lambda = 5893 \text{ \AA}$ ).

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 20/03/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Rohan Dinesh Yadav	Optic axis, Uniaxial and Biaxial crystal, Double refraction example of Doubly refracting crystal.
2	Sudhanshu K. Yadav	
3	Rahul R. Yadav	
4	Ajay M. Patil	
5	Yogesh V. Gergelwar	
6	Jitesh G. Bodele	
7	Sugat M. Moon	
8		
9		
10		
11		
12		
13		
14		
15		
S.N.	Name of Student (PCCS)	Topic Name
1	Sudhanshu K. Yadav	Optic axis, Uniaxial and Biaxial crystal, Double refraction example of Doubly refracting crystal.
2	Rohan D. Yadav	
3	Rahul R. Yadav	
4	Ajay M. Patil	
5	Chetan M. Duparre	
6	Jay R. Madavi	
7	Manuja S. Sen	
8	Sugat M. Moon	
9		
10		
11		
12		
13		
14		
15		



REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 27/03/2023

S.N.	Name of Student (PMCS)	Topic Name
1	Sudhanshu K. Yadav	state and prove
2	Rohan D. Yadav	Brewster's law,
3	Rahul R. Yadav	and
4	Ajay M. Patil	principal section
5	chetan M. Dupare	of crystal.
6	Jay R. Madavi	
7	Manuja S. Sen	
8	Sugat M. Moon	
9		
10		
11		
12		
13		
14		
15		
S.N.	Name of Student (PCCS)	Topic Name
1	Sakshi T. Purselli	state and prove
2	Zainab Noori N. Ahemad	Brewster's law
3	Kiran Nimbalkar	and
4	Prachi Y. Ghatge	principal section
5	Supriya Thawase	of crystal.
6	Manishankar S. Dey	
7	Damini G. Dewangan	
8	Nazmin S. Sheikh	
9	Mahknaz J. Sheikh	
10		
11		
12		
13		
14		
15		

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR.  
DEPARTMENT OF PHYSICS  
B.Sc. III (Semester-VI)  
SESSION: 2022-2023  
REMEDIAL CLASS ATTENDANCE

Name of Lecturer: Prof. Mitali N. Sarkar

H

Date: 21/02/2023

S.N.	Name of Student (PCM)	Topic Name
1.	prutha Dewalkar	• Basic / General properties of nucleus ; 1) Nuclear size / Radius 2) Nuclear mass 3) Nuclear charge 4) Nuclear Density
2.	yugandhara Chomare	
3.	Rajshree Pachare	
4.	Sakshi Dewale	
5.	Saloni Khadse	
6.	Aditya Oletiwar	
7.	pranay Junarkar	
8.	pratik Ingole	
9.	Kaishnav Kayadwar	
10.	pratik Dataraskar	
11.	Satvik Bakal	
12.	Humanshu Bobade	
13.	Adarsh Kajliwale	
14.	Ganesh Madani	
15.	yash Sonule	
16.	Tushar Ulkey	
17.	Shreyash Dataraskar	
18.	Chandani Sahu	
19.	Shweta Tembhurne	
20.	pritya Sarkar	
21.	Mayuri Wadaskar	
22.	Srushti Telang	
23.	Shrawani Makode	
24.	Dipti Jale	
25.	Aditi Mungle	
26.	Yamini Dewangan	
27.	Dajal Bankar	
28.	Namita Dhamankar	
29.	Tejashree Niraskar	

















Date: 11/03/2023

S.N.	Name of Student (PMIC/S)	Topic Name
1.	Nikita Adkine	<ul style="list-style-type: none"><li>• Numericals on binding energy</li><li>• Liquid drop Model</li><li>• Semi-empirical mass formula.</li></ul> <p>Q.1) Find the B.E. of deuteron from the following data; <math>m_p = 1.007276 \text{ u}</math>, <math>m_n = 1.008665 \text{ u}</math> &amp; <math>M_D = 2.013553 \text{ u}</math>. [2½M]</p> <p>2) Binding energy of <math>{}_{28}^{64}\text{Ni}</math> is 547.44 MeV. Calculate its B.E. per nucleon. [2M]</p> <p>3) What will be the energy released if two deuterium nuclei fuse into an <math>\alpha</math>-particle? Given: mass of deuterium = 2.014102 u mass of <math>\alpha</math>-particle = 4.002603 u &amp; <math>1 \text{ u} = 931.5 \text{ MeV}</math> [2½M]</p> <p>4) Give the main assumptions of liquid drop model of nucleus. [2½M]</p> <p>5) Describe semi-empirical mass formula. [2½M]</p>
2.	Amisha Jogi	
3.	Suraj Sarkar	
4.	Aniket Singh	
5.	Shubham Sen	



Date: 14/03/2023

S.N.	Name of Student (PCM)	Topic Name
1.	Tejashree Nigaskar	<ul style="list-style-type: none"> <li>• Numericals on binding energy</li> <li>• Liquid drop Model</li> <li>• Semi-empirical mass formula.</li> </ul> <p>Q.1) Find the B.E. of deuteron from the following data;  <math>m_p = 1.007276 \text{ u}</math>, <math>m_n = 1.008665 \text{ u}</math>  <math>M_D = 2.013553 \text{ u}</math>. [2½M]</p> <p>2) Binding energy of <math>{}_{28}^{64}\text{Ni}</math> is 547.44 MeV. Calculate its B.E. per nucleon. [2M]</p> <p>3) What will be the energy released if two deuterium nuclei fuse into an <math>\alpha</math>-particle?  Given: mass of deuterium = 2.014102 u  mass of <math>\alpha</math>-particle = 4.002603 u  <math>1 \text{ u} = 931.5 \text{ MeV}</math>. [2½M]</p> <p>4) Give the main assumptions [2½M] of liquid drop model of nucleus.</p> <p>5) Describe semi-empirical mass formula. [2½M]</p>
2.	Pooja Bankar	
3.	Nandini Vikrey	
4.	Dipali Gaogelwar	
5.	Pooja Nikuare	
6.	Bhagyashai Ramteke	
7.	Anchal Soni	
8.	Yugandhara Chamae	
9.	Shrawani Makode	
10.	Srushti Telang	
11.	Mayuri Wadaskar	
12.	Nikita Lodhe	
13.	Pruthi Dewaike	
14.	Chandani Sahu	
15.	Pritya Sarkar	
16.	Shweta Tembhare	
17.	Bhavesh Karadbhuj	
18.	Arjun Sopankar	
19.	Piyush Thakare	
20.	Adarsh Kojliwale	









Date: 01/04/2023

S.N.	Name of Student (PMC/S)	Topic Name
1.	Pratiksha Dhakate	Q.1) What are exothermic & endothermic nuclear reaction? Give suitable examples. [2½M] 2) Define the term nuclear reaction? What is meant by 'Q' value of a nuclear reaction? [2½M] 3) Explain various types of nuclear reaction. [3-5M]
2.	Sonalij Nilchade	
3.	Karneshwari Susparn	
4.	Nikita Adkine	
5.	Shruti Shende	
6.	Amisha Jogi	
7.	Aarchal Gredom	
8.	Yanshita Sheraki	
9.	Khushbu Yadav	
10.	Pooja Paul	
11.	Bharati Thengane	
12.	Nandini Lokhande	
13.	Khushi Durg	
14.	Khushi Shende	
15.	Sudaj Sarkar	
16.	Aniket Singh	
17.	Yogini Dethu	
18.	Shubham Sen	
19.	Kinif Paul	

## भौतिकशास्त्र विभाग अहवाल

### "सेतू अभ्यासक्रम बाबत"

परिपत्रक क्रमांक गों वि. /म.वि.वि.वि./३४५३/२०२२ नुसार महाविद्यालयाचे १३/१०/२०२२ते १८/१०/२२ या कालावधित सेतू अभ्यासक्रम राबविण्याचे ठरविले होते. सेतू अभ्यासक्रमाकरिता विद्यार्थ्यांच्या पूर्ववत ज्ञानाची चाचणी घेण्यात आली त्यानुसार सेतूअभ्यासक्रमाकरिता अभ्यासक्रम (Syllabus) ठरविण्यात आला. अभ्यासक्रम B.Sc. I, II आणि III तसेच M.Sc. I आणि II करिता ठरविण्यात आला व अभ्यासक्रमाचे वेळापत्रक बनवून विद्यार्थ्यांना देण्यात आले. सर्व अभ्यासक्रमाचे कार्य नियोजनानुसार वेळेवर पूर्ण झाले. दिनांक १९/१०/२०२२ ला शिकविलेला अभ्यास क्रमावर चाचणी घेण्यात आली. विद्यार्थ्यांच्या शंका तसेच प्रश्नाचे समाधान घेरी तसेच प्रात्यक्षिक दोन्ही माध्यमातून करण्यात आले. सेतू अभ्यासक्रमात प्रत्येक दिवशी विद्यार्थ्यांची उपस्थिती नोंदविण्यात आली.

सेतू अभ्यासक्रमामुळे विद्यार्थ्यांच्या ज्ञानात भर पडल्याचे तसेच आत्मविश्वास वृद्धिंगत झाल्याचे निर्देशनात आले व या सेतू अभ्यासक्रमाचा उद्देश साध्य झाल्याचे समाधान मिळाले



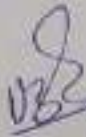
(डॉ. उर्वशी प्र. माणिक)  
भौतिकशास्त्र विभाग प्रमुख  
**Urvashi P. Manik**  
Head  
Department of Physics  
S.P. College, Chandrapur


## Notice


Date:-11/10/2022

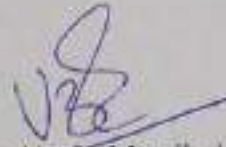
All the students of Department of Physics here by informed that our college conducting Bridge course program from date 13/10/2022 to 18/10/2022 . Time table of this program will share on What's App group .

- 1) B.Sc. I -
- 2) B.Sc. II -
- 3) B.Sc. III -

  
12/10/2022

  
12/10/2022

  
12/10/22



( Dr. U. P. Manik )

~~Head of Department~~ Head of Department of Physics  
Head  
Department of Physics  
S.P. College, Chandrapur



**Sardar Patel Mahavidyalaya, Chandrapur**

**Department of Physics**

**Session: 2022-23**

**Bridge Course Attendance Sheet**

**B.Sc. I (Sem-I)**

Sr. No.	Date	Theory	Practical
1.	13/10/2022	67	33
2.	14/10/2022	69	24
3.	15/10/2022	54	26
4.	17/10/2022	40	26
5.	18/10/2022	35	17

**B.Sc. II (Sem-III)**

Sr. No.	Date	Theory	Practical
1.	13/10/2022	59	25
2.	14/10/2022	66	26
3.	15/10/2022	64	21
4.	17/10/2022	62	20
5.	18/10/2022	63	19

**B.Sc. III (Sem-V)**

Sr. No.	Date	Theory	Practical
1.	13/10/2022	69	26
2.	14/10/2022	62	13
3.	15/10/2022	77	10
4.	17/10/2022	63	29
5.	18/10/2022	47	16



**(Dr. Urvashi P. Manik)**

**Head, Department of Physics**

**Sardar Patel Mahavidyalaya, Chandrapur**

**Department of Physics**

**Session: 2022-23**

**Bridge Course Attendance Sheet**

**M.Sc. I (Sem-I)**

Sr. No.	Date	Theory-1	Theory-2	Theory-3	Practical
1.	13/10/2022	24	24	24	24
2.	14/10/2022	25	25	25	25
3.	15/10/2022	24	24	24	24
4.	17/10/2022	24	24	24	24
5.	18/10/2022	24	24	24	24

**M.Sc. II (Sem-III)**

Sr. No.	Date	Theory-1	Theory-2	Theory-3	Practical
1.	13/10/2022	20	20	20	20
2.	14/10/2022	20	20	20	20
3.	15/10/2022	20	20	20	20
4.	17/10/2022	20	20	20	20
5.	18/10/2022	20	20	20	20



(Dr. Urvashi P. Manik)

**Head, Department of Physics**

# SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

### BRIDGE COURSE TIME TABLE

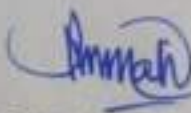
SESSION- 2022-2023

B.Sc. I (Sem-I)

Day	Date	Time	Name of Teacher	Syllabus
Thursday	13/10/2022	07:30AM	Dr. U. P. Manik	Concept of elasticity, rigid body, Plastic body, Elastic constant & basic numerical.
		12:40PM-03:10PM	Pranali S. Gorghate Sonali M. Watekar	How to use different scale in different instrument.
Friday	14/10/2022	11:00AM	Dr. U. P. Manik	Concept of Periodic motion, Oscillatory motion, daily example, numericals on differential equation.
		07:30AM-10:00AM	Dr. V. C. Kongre Sonali M. Watekar	How to use vernier caliper & Screw guage.
Saturday	15/10/2022	11:00AM	Dr. V. C. Kongre	Concept of measurement & fundamental units.
		07:30AM-10:00AM	Dr. V. C. Kongre Sonali M. Watekar	How to use travelling microscope & how to take its reading.
Monday	17/10/2022	11:50AM	Dr. V. C. Kongre	Concept of energy, work & its conservation.
		07:30AM-10:00AM	Dr. V. C. Kongre Sonali M. Watekar Pranali S. Gorghate	How to use stop watch and multimeter.
Tuesday	18/10/2022	11:50AM	Dr. V. C. Kongre	Concept of force, moment of inertia, mass & dynamics of rigid body.
		07:30AM-10:00AM	Dr. V. C. Kongre Sonali M. Watekar Pranali S. Gorghate	Explain basic idea about all experiment.

  
Dr. U. P. Manik

Head Department of Physics  
**Urvashi P. Manik**  
Head  
Department of Physics  
S.P College, Chandrapur

  
Dr. Pratikshar  
Sardar Patel Mahavidyalaya  
Chandrapur



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR  
DEPARTMENT OF PHYSICS  
BRIDGE COURSE – PREVIOUS KNOWLEDGE PAPER  
SESSION- 2022-2023  
B.Sc. I (SEM-I)

**Paper I- Mechanics & Relativity**

**Paper II- Gravitations, Oscillation & Properties of matter**

1. Do you know laws of motion with examples?
2. Do you know basic idea about Rockets?
3. Do you know fundamental units & Measurement?
4. Do you know about mechanics & their different types?
5. Do you know Plastic body, rigid body, Elasticity, Elastic constant?
6. Do you know general information regarding GPS & their applications?
7. Do you know periodic motion, oscillatory motion?
8. Do you know certain properties of water using the concept of surface tension?
9. Do you know about energy & their types?
10. Do you know the relation  $E = mc^2$  & related theory?
11. Do you know mass, force, work & inertia?

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE

Previous Knowledge Based Test

SESSION: 2022-2023

B.Sc. I (Sem-I)

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1)	Sadhana R. Ravindra	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	
2)	Jankvi R. Humamant	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO	
3)	Nihira R. Khobragade	YES	NO	NO	NO	YES	NO	NO	NO	NO	NO	
4)	Dipshikha P. Parmar	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	
5)	Usha P. Prajapati	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	
6)	Manesha V. Hampali	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	
7)	Pashani S. Bheradkar	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	
8)	Meghna R. Padole	NO	NO	NO	NO	YES	YES	NO	NO	NO	NO	
9)	Babli Z. Banik	NO	NO	NO	YES	YES	YES	NO	YES	NO	NO	
10)	Khushi R. Thulkat	NO	NO	NO	YES	YES	YES	YES	NO	YES	YES	
11)	Jeta G. Fawade	NO	NO	NO	YES	YES	YES	YES	NO	YES	YES	
12)	Vaibhav V. Kale	YES	YES	NO	YES	NO	NO	YES	YES	NO	NO	
13)	Vaishnavi M. Meshram	YES	NO	NO	NO	NO	NO	YES	NO	NO	NO	
14)	Yash A. Kinnara	YES	YES	NO	NO	NO	NO	NO	YES	NO	NO	
15)	Nishant R. Kumbhar	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	

Head  
Sardar Patel Mahavidyalaya  
Chandrapur

Unnati P. Manik  
Head  
Department of Physics  
Sardar Patel Mahavidyalaya, Chandrapur

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
16]	Leena R. Mahadole	No	No	No	No	Yes	No	No	No	No	Yes	<i>Leena R. Mahadole</i>
17]	Hemant S. Latore	Yes	No	No	No	No	Yes	Yes	Yes	No	No	<i>Hemant S. Latore</i>
18]	Satish G. Chaudhari	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	<i>Satish G. Chaudhari</i>
19]	Ganesh V. Patil	Yes	Yes	No	Yes	Yes	No	No	Yes	Yes	No	<i>Ganesh V. Patil</i>
20]	Pratik M. Shinde	Yes	Yes	No	No	No	Yes	No	No	No	No	<i>Pratik M. Shinde</i>
21]	Devendra S. Patil	Yes	Yes	No	No	No	Yes	No	No	No	No	<i>Devendra S. Patil</i>
22]	Piyush S. Nagarpure	Yes	No	No	No	No	No	Yes	No	No	No	<i>Piyush S. Nagarpure</i>
23]	Manish P. Manusmare	No	No	Yes	No	No	No	No	No	No	No	<i>Manish P. Manusmare</i>
24]	Siddhant P. Wadkar	No	No	No	No	No	No	No	No	No	Yes	<i>Siddhant P. Wadkar</i>
25]	Sachin Bansod	No	No	No	No	Yes	No	No	No	No	No	<i>Sachin Bansod</i>
26]	Uday Rahulkar	No	No	No	No	No	Yes	No	No	No	No	<i>Uday Rahulkar</i>
27]	Rishi Bhalu	Yes	No	No	Yes	No	No	No	No	No	No	<i>Rishi Bhalu</i>
28]	Siddhant Khand	No	No	No	No	Yes	Yes	No	No	No	No	<i>Siddhant Khand</i>
29]	Nishant S. Patkar	No	No	No	No	No	No	No	No	No	Yes	<i>Nishant S. Patkar</i>
30]	Piyush C. Wankar	No	No	No	No	No	No	No	No	No	Yes	<i>Piyush C. Wankar</i>
31]	Pratik G. Londhe	No	No	No	No	Yes	No	No	No	No	No	<i>Pratik G. Londhe</i>
32]	Prachi S. Nimbalkar	No	No	No	No	No	No	Yes	No	No	No	<i>Prachi S. Nimbalkar</i>
33]	Shachi H. Pihul	No	No	Yes	No	No	No	No	No	No	No	<i>Shachi H. Pihul</i>
34]	Chitra S. Jambhale	No	No	No	No	No	No	No	No	No	Yes	<i>Chitra S. Jambhale</i>
35]	Fiza A. Khan Rizvi	No	No	No	No	Yes	No	No	No	No	No	<i>Fiza A. Khan Rizvi</i>
36]	Bhavati T. Bhevar	No	No	No	No	Yes	No	No	No	No	No	<i>Bhavati T. Bhevar</i>
37]	Sakshi S. Yene	No	No	No	No	No	Yes	No	No	No	No	<i>Sakshi S. Yene</i>
38]	Niraj N. Kewal	No	No	No	No	No	Yes	No	No	No	No	<i>Niraj N. Kewal</i>
39]	Suhani V. Lokhande	No	No	No	No	No	No	No	No	No	No	<i>Suhani V. Lokhande</i>
40]	Tanvi G. Pannar	No	No	No	No	No	Yes	No	No	No	No	<i>Tanvi G. Pannar</i>
41]	Jayvi C. Shingde	No	Yes	No	No	No	No	No	No	No	No	<i>Jayvi C. Shingde</i>

*[Handwritten mark]*

*[Signature]*  
 Ardar Patel Mahavidyalaya  
 Chandrapur

Unvashi Manik  
 Department of Physics  
 S.P. College, Chandrapur



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
42)	Nikita D. Bagade	NO	NO	Yes	NO	NO	NO	NO	Yes	NO	NO	Nikita
43)	Rutuja B. Isankar	NO	NO	NO	yes	NO	NO	NO	NO	NO	NO	Rutuja
44)	Shweta J. Jangam	NO	NO	NO	NO	Yes	NO	NO	Yes	NO	NO	Shweta
45)	Ahmed H. Wafar	NO	NO	NO	NO	NO	Yes	NO	NO	NO	NO	Ahmed
46)	Sanskriti S. Lihikar	Yes	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Sanskriti
47)	Prachi B. Khatke	NO	NO	NO	NO	NO	Yes	NO	NO	NO	NO	Prachi
48)	Pranali K. Bajait	NO	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Pranali
49)	Gayatri S. Bhamburdekar	NO	NO	NO	NO	yes	NO	NO	NO	NO	NO	Gayatri
50)	Rakhi S. Chalakh	yes	NO	NO	NO	NO	NO	NO	NO	NO	NO	Rakhi
51)	Anushka V. Khatke	NO	Yes	NO	NO	NO	NO	Yes	NO	NO	NO	Anushka
52)	Yashika D. Khatke	NO	NO	Yes	NO	NO	NO	NO	Yes	NO	NO	Yashika
53)	Prerna P. Domkulkarni	Yes	Yes	NO	NO	NO	NO	NO	NO	NO	NO	Prerna
54)	Vijda V. Wani	NO	NO	NO	Yes	NO	NO	NO	NO	NO	NO	Vijda
55)	Rifatraz S. Khan	NO	NO	NO	NO	Yes	NO	Yes	NO	NO	NO	Rifatraz
56)	Kaumudini M. Malode	Yes	NO	NO	Yes	Yes	Yes	Yes	NO	Yes	NO	Kaumudini
57)	Shrushti S. Khanke	Yes	NO	Yes	Yes	Yes	NO	NO	Yes	Yes	Yes	Shrushti
58)	Veishnavi V. Chandankhale	Yes	Yes	NO	NO	Yes	NO	NO	Yes	Yes	Yes	Veishnavi
59)	Zoya T. Verma	Yes	NO	Yes	Yes	Yes	Yes	NO	Yes	NO	Yes	Zoya
60)	Dipawali R. Wagh	Yes	Yes	Yes	NO	NO	Yes	NO	Yes	Yes	NO	Dipawali

Principal  
Tardar Patel Mahavidyalaya  
Chandrapur

Urvashi Manik  
Department of Physics  
S.P. College, Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF PHYSICS

Bridge Course Completion Test

SESSION: 2022-2023

B.Sc. I (Sem-I)

Date: 19/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
01	Janki R. Harumante	yes	yes	yes	no	yes	yes	yes	yes	yes	yes	Harumante
02	Usha P. Prajapati	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	Usha
03	Digshikha P. Patil	yes	yes	yes	yes	NO	yes	yes	yes	yes	yes	Patil
04	Sadhana R. Ravidevi	NO	yes	yes	yes	yes	yes	yes	yes	yes	yes	Sadhana
05	Manisha V. Gampale	yes	yes	yes	yes	yes	no	yes	yes	yes	yes	Manisha
06	Roshani S. Bhatadkar	yes	yes	yes	yes	yes	yes	NO	yes	yes	yes	Roshani
07	Nihira R. Khatavade	yes	yes	yes	NO	yes	yes	yes	yes	yes	yes	Nihira
08	Megha R. Padole	yes	yes	yes	yes	NO	yes	yes	yes	yes	yes	M. R. Padole
09	Babli Z. Borik	YES	yes	yes	NO	yes	yes	yes	yes	yes	yes	Babli
10	Khushi R. Thulkar	yes	yes	yes	NO	yes	yes	yes	yes	yes	yes	Khushi
11	Isha G. Javate	yes	yes	yes	NO	yes	yes	yes	yes	yes	yes	Isha
12	Vaibhao V. Kale	yes	yes	yes	yes	yes	yes	yes	yes	NO	yes	Vaibhao
13	Vaishnavi M. Meshram	yes	NO	yes	yes	yes	yes	yes	yes	yes	yes	Vaishnavi
14	Vaish A. Kinnake	yes	yes	NO	yes	yes	yes	yes	yes	yes	yes	Vaish
15	Wishal T. Kumbar	yes	NO	yes	yes	yes	yes	yes	yes	yes	yes	Wishal

*(Handwritten mark)*

*(Signature)*  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

*(Signature)*  
Umrabhai Manik  
Head  
Department of Physics  
Sardar Patel Mahavidyalaya  
Chandrapur



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
16]	Leena R. Mahadale	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Leena Mahadale</i>
17]	Heeramb S. Latore	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	<i>Heeramb Latore</i>
18]	Sarang G. Chaudhari	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	<i>Sarang Chaudhari</i>
19]	Gaurav P. Zade	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	<i>Gaurav Zade</i>
20]	Pooja M. Dhule	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	<i>Pooja Dhule</i>
21]	Zameer P. Pathan	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	<i>Zameer Pathan</i>
22]	Manish P. Manjumar	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	<i>Manish Manjumar</i>
23]	Piyush S. Nagpure	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	<i>Piyush Nagpure</i>
24]	Siddhant P. Wasekar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	<i>Siddhant Wasekar</i>
25]	Sachin Bansod	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	<i>Sachin Bansod</i>
26]	Uday Rohankar	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	<i>Uday Rohankar</i>
27]	Gojo Babo	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Gojo Babo</i>
28]	Siddhesh Khond	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	<i>Siddhesh Khond</i>
29]	Nishant S. Patkar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	<i>Nishant Patkar</i>
30]	Piyush C. Velkuchiwar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Piyush Velkuchiwar</i>
31]	Pragya A. Landge	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	<i>Pragya Landge</i>
32]	Prachi S. Nimbalkar	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	<i>Prachi Nimbalkar</i>
33]	Shachi M. Pihul	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Shachi Pihul</i>
34]	Chitra S. Jambakhe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Chitra Jambakhe</i>
35]	Fiza A. Khan Rizvi	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Fiza Khan Rizvi</i>
36]	Bhavati T. Bhojar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Bhavati Bhojar</i>
37]	Sakshi S. Verne	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Sakshi Verne</i>
38]	Ninaj N. Kewal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Ninaj Kewal</i>
39]	Suhani V. Lohande	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	<i>Suhani Lohande</i>

*[Handwritten mark]*

*[Signature]*  
Principal  
Vardar Patel Mahavidyalaya  
Chandrapur

*[Signature]*  
Unvashi P. Matik  
Head  
Department of Physics  
S.P. College, Chandrapur



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
40)	Tanvi G Pannase	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Tanvi</i>
41)	Tanvi C. Shingodekar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Tanvi C</i>
42)	Nikita D. Bhandare	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Nikita</i>
43)	Rutuja B. Isankar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Rutuja</i>
44)	Khushi L. Javalkar	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	<i>Khushi</i>
45)	Ashvati H. Watekar	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	<i>Ashvati</i>
46)	Sanskriti's. Likhakar	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	<i>Sanskriti</i>
47)	Prachi B. Kakde	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	<i>Prachi</i>
48)	Pronali K. Bajait	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Pronali</i>
49)	Gayatri S. Abundekar	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Gayatri</i>
50)	Rakhi S. Chalak	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Rakhi</i>
51)	Amishi V. Hepat	Yes	Yes	NO	NO	Yes	Yes	Yes	Yes	Yes	Yes	<i>Amishi</i>
52)	Vandhali D. Karkale	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	NO	<i>P.P. Dhanraj</i>
53)	Prerna P. Domkulkarni	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	<i>Prerna</i>
54)	Vijeta V. Wani	NO	NO	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Vijeta</i>
55)	Rifatnaz S. Khan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Rifatnaz</i>
56)	Kaunuchini M. Malodi	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	<i>Kaunuchini</i>
57)	Shamvanti S. Khanke	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Shamvanti</i>
58)	Vaishnavi V. Chandankhede	Yes	Yes	NO	NO	Yes	Yes	Yes	NO	Yes	Yes	<i>Vaishnavi</i>
59)	Zoya T. Vemnar	Yes	NO	Yes	Yes	Yes	NO	Yes	Yes	Yes	NO	<i>Zoya</i>
60)	Dipawali R. Wagh	Yes	NO	Yes	NO	Yes	Yes	NO	NO	Yes	Yes	<i>Dipawali</i>

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

Urvashi Mianik  
Head  
Department of Physics  
S.P. College, Chandrapur

## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Theory

Date:13/10/2022

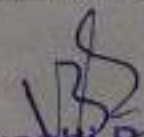
Name of Lecturer: Dr. Urvashi P. Manik

S.N.	Name of Student	Signature
1.	Sushli Ashwin Bhayare	Bhayare
2.	Shivoli Kishore Jannade	Jannade
3.	Siddhant Prashant Wasekar	Siddhant
4.	Priso Prithvi Bala.	Priso
5.	Uday Ravindra Rahankar	Rahankar
6.	Sarang Gajanan Chaudhri	Chaudhri
7.	Hetamb Sudhakar Latace	Latace
8.	Nishant Sanjay Petkar	N.Petkar
9.	Tanvi Govind Pannas	Pannas
10.	Leena Ramesh Mahadole	Mahadole
11.	Yash Avinash Kingke	Kingke
12.	Vaishnavi Mahesh Meshram	Meshram
13.	Shamvanti Suresh Khanke	Shamvanti
14.	Vijeta Vikas Wani	Wani
15.	Sakshi Ravindra Setekar	Sakshi
16.	Tanvi Ravindra Grawande	Grawande
17.	Prerna Pravin Domkundwar	P.P.Domkundwar
18.	Saba Abhishek Yade	Yade
19.	Shruti Chrichomal Jannade	Jannade
20.	Mohini Shashikant Nimgade	Nimgade
21.	Babli Zantu Banik	Babli
22.	Khushi Raju Thulkar	Thulkar
23.	Sanskriti S. Lihikar	Lihikar

  
 Urvashi P. Manik  
 Head  
 Department of Physics  
 S.P. College, Chandrapur



S.N.	Name of Student	Signature
24)	Prachi Bhaurao Kakde	Prachi Kakde
25)	Jamvi C. Shingekar	Jamvi C. Shingekar
26)	Putuja B. Isankar	Putuja B. Isankar
27)	Rakhi S. Chalkh	Rakhi S. Chalkh
28)	Sakshi R. Mandade	Sakshi R. Mandade
29)	Rifatnaz S. Khan	Rifatnaz S. Khan
30)	Kaumudini M. Malode	Kaumudini M. Malode
31)	Zoya T. Verma	Zoya T. Verma
32)	Shreya R. Jume	Shreya R. Jume
33)	Dipawali R. Wagh	Dipawali R. Wagh
34)	Janhvi R. Hanumante	Janhvi R. Hanumante
35)	Nihira A. Khobragade	Nihira A. Khobragade
36)	Roshani S. Bhaskar	Roshani S. Bhaskar
37)	Nakshatra S. Karyankar	Nakshatra S. Karyankar
38)	Gauri A. Sankar	Gauri A. Sankar
39)	Maneesha V. Champilala	Maneesha V. Champilala
40)	Prachi Sanjay Nimbalkar	Prachi Sanjay Nimbalkar
41)	Khushi Lalit Jantapdar	Khushi Lalit Jantapdar
42)	Nikita Divakar Bagade	Nikita Divakar Bagade
43)	Surajya Chandraushkhar Thawade	Surajya Chandraushkhar Thawade
44)	Kiran A. Nimbalkar	Kiran A. Nimbalkar
45)	Suhani V. Lokhande	Suhani V. Lokhande
46)	Sakshi S. Yerne	Sakshi S. Yerne
47)	Toshna P. Pimpale	Toshna P. Pimpale
48)	Shreya L. Wadhai	Shreya L. Wadhai
47)	Sakshi R. Hulke	Sakshi R. Hulke
48)	Mitali R. Butle	Mitali R. Butle
49)	Bhruddha R. Rautkar	Bhruddha R. Rautkar
50)	Siddhesh V. Khond	Siddhesh V. Khond
51)	Pratibha G. Landge	Pratibha G. Landge
52)	Anushka V. Hepat	Anushka V. Hepat
53)	Noushali P. Katole	Noushali P. Katole
54)	Vaijanand V. Vijay Chandan Kheola	Vaijanand V. Vijay Chandan Kheola
55)	Pranali Kailas Bajait	Pranali Kailas Bajait

  
**Urvasi P. Manik**  
 Head  
 Department of Physics  
 S P College, Chandrapur





## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION - 2022-2023

B.Sc. I (Sem-I) Practical

Date:13/10/22

Name of lecturer: Prof. Pranali S. Gorghate

Prof. Sonali M. Watekar

S.N.	Name of Student	Signature
1)	Arachi Bhausaoo Kakde	Arachi Kakde
2)	Sanskriti Sanjay. Lihitkar	Sanskriti Lihitkar
3)	Pranali Kailas Bajait	Pranali Bajait
4)	Rutuja Baba Isankar	Rutuja Isankar
5)	Bharnati Tulasaam Bhojar	Bharnati Bhojar
6)	Fiza Ayyub Khan Rizvi	Fiza Khan
7)	Piyush Sanath Nagarpure	Piyush Nagarpure
8)	Siddhant Parshant Watekar	Siddhant Watekar
9)	Siddhesh Uday Khawad	Siddhesh Khawad
10)	Priya Jyoti Balo.	Priya Balo
12)	Praveen Gajanan Landge	Praveen Landge
13)	Piyush Chimarna Yekkarwar	Piyush Yekkarwar
14)	Uday Ravindra Raharkar	Uday Raharkar
15)	Tanvi Pannose	Tanvi Pannose
16)	Manish P. Manusmani	Manish Manusmani
17)	Nishant S. Petkar	Nishant Petkar
18)	Crayalvi S. Bharelkar	Crayalvi Bharelkar
19)	Suhani V. Lokhande	Suhani Lokhande
20)	Sakshi S. Yene	Sakshi Yene
21)	Sachin Bansod	Sachin Bansod
22)	Shachi M. Pihul	Shachi Pihul
23)	Chitra S. Tambakhe	Chitra Tambakhe
24)	Jarvi C. Shingekar	Jarvi Shingekar









## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE


SESSION- 2022-2023

B.Sc. I (Sem-I) Theory


Date:14/10/2022

Name of Lecturer: Dr. Urvashi P. Manik

S.N.	Name of Student	Signature
1.	Vaishnavi Vijay Chandankhele	
2.	Anushka Vinod Hepat	
3.	Yamshali Demkar Katole	
4.	Pranali Kailas Bajait	
5.	Bharati Tukaram Bhavor	
6.	Prachi Yogeshwar Ghatge	
7.	Shruti Rajesh Khirattkar	
8.	Fiza.A.Khan Rizvi	
9.	Srushti Lomeshwar Londhe	
10.	Bharati Harjichandra Khatkekar	
11.	Niraj Narottam Kewal	
12.	Amva Sagar Yelettiwar	
13.	Vedanti Sabhash Lokkar	
14.	Anjali Vilas Kosare	
15.	Prachi Sanjay Nimbatkar	
16.	Khushi Lalit Jangalekar	
17.	Nikita Divakar Bagade	
18.	Khushi Raju Thulkar	
19.	Babli Zantur Banik	
20.	Mohini Shashikant Ningade	
21.	Jshu Gopichand Javade	
22.	Saba Bhavart Zade	
23.	Rakhi Sanjay Chalkh	

  
**Urvashi P. Manik**  
 Head  
 Department of Physics  
 S.P. College, Chandrapur

S.N.	Name of Student	Signature
24)	Sakshi P. Mandade	<u>mandade</u>
25)	Vijeta V. Wani	<u>Wani</u>
26)	Shayyari S. Khanke	<u>Khanke</u>
27)	Dipshikha P. Parmanik	<u>Parmanik</u>
28)	Usha P. Prajapati	<u>Usha</u>
29)	Yash A. Kinnake	<u>Yash A. Kinnake</u>
30)	Nikhil S. Kumare	<u>Nikhil</u>
31)	Sachin Dinesh Bansod	<u>Sachin</u>
32)	Nishant Sanjay Patkar	<u>NPatkar</u>
33)	Hemant Sathakar Late	<u>Hemant</u>
34)	Tanvi G. Pannase	<u>Tanvi</u>
35)	Leena P. Mahale	<u>Leena</u>
36)	Nikhil	
37)	Vaishnavi M. Meshram	<u>Vaishnavi</u>
38)	Preksha P. Domkundwar	<u>Domkundwar</u>
39)	Sakshi R. Selokar	<u>Sakshi</u>
40)	Tanvi Ravindra Gawande	<u>Gawande</u>
41)	Pratibha Mangesh Shekhi	<u>Pratibha</u>
42)	Vaibhao Vasanta Kale	<u>Vaibhao</u>
43)	Sahang Gajanan Chaudhari	<u>Sahang</u>
44)	Uday Ravindra Rahankar	<u>Rahankar</u>
45)	Mitali Ravindra Butte	<u>Butte</u>
46)	Shraddha Raju Pawikar	<u>Shraddha</u>
47)	Sakshi R. Mulla	<u>Sakshi</u>
48)	Shreya L. Wadhwa	<u>Shreya</u>
49)	Tohna P. Pimpale	<u>Tohna</u>
50)	Sakshi S. Verne	<u>Sakshi</u>
51)	Suhani V. Lokhande	<u>Suhani</u>
52)	Kiran A. Nimalkar	<u>Kiran</u>
53)	Subhika C. Thewade	<u>Subhika</u>
54)	Fiza Ayyub Khan Rizvi	<u>Fiza</u>
55)	Shruti Rajesh Khirattkar	<u>Shruti</u>
54)	Janvi C. Shingekar	<u>Janvi</u>
55)	Prachi. Bhauero Kakde	<u>Prachi</u>

  
 Urvashi P. Manik  
 Head  
 Department of Physics  
 S.P. College, Chandrapur







## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Practical

Date:14/10/22

Name of lecturer: Dr. V.C. Kongre

Prof. S. M. Watekar



S.N.	Name of Student	Signature
①	Sakshi Ravikumar Hulke	
②	maheshwari. nibhan. yurkute	
③	Nidhi Santosh Chaudhary	
④	Achal Rukiram Mandale	
⑤	Atharva. Ajay. Rajurkar	
⑥	Tanish sunil chahare	
⑦	Abraa Khan Siraj Khan	
⑧	Shreuti Rajesh Kharatkar.	
⑨	sushiti lameshwar Landhe	
⑩	Toshna parmanand Pimple	
⑪	Mitali Ravindra Butle	
⑫	Aparva Sagar Yelettiwar	
⑬	Vedanti. Subhash. Kulkarni	
⑭	Jsha Bhavard Vade	
⑮	Jshika Raju Borsasgunde	
⑯	Sahil. Gajanan. Tembkar	
⑰	Aditya Santosh Kolhe	
⑱	Kiran Ajay Nimbalkar	
⑲	Nakshatra Shyam Karpurkar	
20	Bhumnika Vilas Theemke	
21	Sakshi Ravindra Selakar	
22	Tanvi Ravindra Gawarede	
23	Shivali Kishor. Jathade.	





BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Practical

Date:15/10/22

Name of lecturer: Dr. V.C. Kongre

Prof. S. M. Watekar

(pcc/s)

S.N.	Name of Student	Signature
1	Supriya C. Thawade	Supriya
2	Nakshatra S. Kajankar	Nakshatra
3	Aparna S. Velettiwar	Aparna
4	Vedanti S. Lohikare	Vedanti
5	Shivali K. Patil	Shivali
6	Sevanti A. Bhoyare	Sevanti
7	Jsha B. Vade	Jsha
8	Divya V. Annapurani	Divya
9	Achal M. Pakmale	Achal
10	Shruti R. Khinarkar	Shruti
11	Shraddha R. Rautkar	Shraddha
12	Shreya L. Wadhai	Shreya
13	Shikha R. Barsegaode	Shikha
14	Kiran A. Nimbalkar	Kiran
15	Tanvi R. Gaware	Tanvi
16	Sakshi R. Selokar	Sakshi
17	Sahil G. Jenekar	Sahil
18	Aditya Santosh Kolhe	Aditya
19	Toshna parmanand Pimpale	Toshna
20	Sushiti Lomeshwar Londhe	Sushiti
21	Bhumika Vilas. Tharoke	Bhumika
22	Tanish Sunil Chahare	Tanish
23	Ataraj Ajay Rajurkar	Ataraj





## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR


## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Theory

Date:15/10/2022

Name of Lecturer: Dr. V.C. Kongre 

S.N.	Name of Student	Signature
1)	Sanskriti Sanjay Lihitkar	
2)	Prachi Bhaurao Kakde	
3)	Bharati H. Watekar	
4)	Aprava S. Velettiwar	
5)	Vedanti S. Lohikar	
6)	Nikita D. Bagade	
7)	Khushi L. Sawade	
8)	Srushti A. Bhayare	
9)	Shivali K. Jattode	
10)	Zoya T. Verma	
11)	Rifatraz S. Khan	
12)	Jshai G. Jawade	
13)	Khushi R. Jhulkar	
14)	Roshani S. Bhasadkar	
15)	Nihira R. Khobragade	
16)	Janhvi R. Hanumante	
17)	Anushka N. Hepat	
18)	Shayvami S. Khanke	
19)	Prerna P. Domkundwar	
20)	Sakshi S. Verne	
21)	Khushi S. Gode	
22)	Meghna R. Padole	
23)	Sadhana R. Raviday	



S.N.	Name of Student	Signature
24)	Suhani v. Lokhande	Suhani
25)	Kiran A. Nimbalkar	Kiran
26)	Toshna p. Pimpale	Toshna
27)	Smriti L. Lonche	Smriti
28)	Mitali R. Butle	Mitali
29)	Aditya S. Kotha	Aditya
30)	Pragya G. Lamde	Pragya
31)	Solo Patil's Bala.	Solo
32)	Uday Ravindra Rahankar	Uday
33)	Rakhi Sanjay Chalakhi	Rakhi
34)	Sakshi Ramindra Mandade	Sakshi
35)	Manish Prakash Manusmare	Manish
36)	Bern R. Nampalliwar	Bern
37)	Supriya C. Thewade	Supriya
38)	Prachi Y. Ghate	Prachi
39)	Bhumika V. Tharke	Bhumika
40)	Shruti P. Khirattkar	Shruti
41)	Achal M. Pakmode	Achal
42)	Pranali K. Bajait	Pranali
43)	Rutuja B. Isander	Rutuja
44)	Leena A. Mahadale	Leena
45)	Heeramb S. Latao	Heeramb
46)	Pratibha M. Shekhi	Pratibha
47)	Gaurav Patru Zade	Gaurav
48)	Yash Avinash Kinnake.	Yash
49)	Nikhil Subram Jurnale	Nikhil
50)	Vaibhao Varanta Kale	Vaibhao
51)	Shradha R. Rautkar	Shradha
52)	Sulshi R. Hulko	Sulshi
53)	<del>Sachin D. Bansod</del> Sachin D. Bansod	Sachin
54)	Shreya L. Wadai	Shreya

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

Bm



## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Practical

Date:17/10/22

Name of lecturer: Dr. V.C. Kongre

Prof. Pranali S. Gorghate

Prof. Sonali M. Watekar

S.N.	Name of Student	Signature
1	Jankvi - R. Hanumante	Hanumante
2	Nihira. R. Khobragade	Khobragade
3	Roshani .S. BharadKae	Roshani
4	Maneesha .V. Gampala	Maneesha
5	Usha .P. Prajapati	Usha
6	Deepshika .P. Parmanik	Parmanik
7	Babli .T. Balmik	Babli
8	Mohini .S. Nimgade	Nimgade
9	Khushi .R. Thulkar	Thulkar
10	Isha .G. Tawade	Tawade
11	Shreya .R. Jume.	Jume
12	Dipawali .R. Wagh	Wagh
13	Leena .R. Mahadole	Mahadole
14	Hexamb .S. Latara	Latara
15	Gaurav .P. Zade	Zade
16	Sarang .G. Chaudhary	Chaudhary
17	Vaishnavi .V. Chandankhele	Chandankhele
18	Nikhil .A. Jume	Jume
19	Anushel .V. Hepat	Hepat
20	Vanshali .P. Katole	Katole
21	Vijeta .V. Wani	Wani
22	Shamvati .S. Khanke	Khanke
23	Rifatnaz .S. Khan	Khan



## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR


## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Theory

Date:17/10/2022

Name of lecturer: Dr. V.C. Kongre 

S.N.	Name of Student	Signature
1)	Janhvi R. Hanayant	
2)	Roshani S. Bhayadkar	
3)	Nihira R. Khobragade	
4)	Babli Z. Barmik	
5)	Srushti A. Bhaoyar	
6)	Shivali K. Jattarke	
7)	Shachi M. Kikul	
8)	Supriya C. Thawade	
9)	Prachi Y. Ghatge	
10)	Palak J. Sharma	
11)	Sadhana R. Ravidas	
12)	Meghna R. Padole	
13)	Krushika S. Gunde	
14)	Pranali K. Bajait	
15)	Sachin Bunsod	
16)	Sakshi Hulse	
17)	Shruti I. Wadhai	
18)	Aditya S. Kotte	
19)	Sahil G. Jemekar	
20)	Shamvanti S. Khanke	
21)	Anushbee V. Hapat	
22)	Zoya T. Verma	
23)	Manisha V. Gampala	
24)	Hansi A. Sonkar	
25)	Kiran A. Nimbalkar	









## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Theory

Date:18/10/2022

Name of Lecturer: Dr. V.C. Kongre

S.N.	Name of Student	Signature
1)	Janvi C. Shingekar	Janvi Shingekar
2)	Tisha B. Yade	Tisha Yade
3)	Sanskriti Sanjay Lihitkar	Sanskriti Lihitkar
4)	Prachi. Bhausa. Kakde	Prachi Kakde
5)	Rutuja Baba Isankar	Rutuja Isankar
6)	Fiza Ayyub Khan Rizvi	Fiza Khan
7)	Piyush Samath Nagarpure	Piyush Nagarpure
8)	Rishi Pratik Bala.	Rishi Bala
9)	Siddhant Prachant Wasekar	Siddhant Wasekar
10)	Pratibha Gajanan Landge	Pratibha Landge
11)	Piyush Chimanna Yekuchiwar	Piyush Yekuchiwar
12)	Uday Ravindra Bohankar	Uday Bohankar
13)	Manish Prakash Manusmane	Manish Manusmane
13)	Tanvi Ravindra Gawande	Tanvi Gawande
14)	Bhumnika Vilas Thamke	Bhumnika Thamke
15)	Sakshi S. Yezne	Sakshi Yezne
16)	Suhani V. Lokhande	Suhani Lokhande
17)	Shachi M. Pihul	Shachi Pihul
18)	Shikha S. Jambakhe	Shikha Jambakhe
19)	Bharati H. Watekar	Bharati Watekar
20)	Niraj N. Kewat	Niraj Kewat
21)	Shruti R. Khirattar	Shruti Khirattar
22)	Achul M. Patil	Achul Patil





# SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

### BRIDGE COURSE TIME TABLE

SESSION- 2022-2023

#### B.Sc. II (Sem-III)

Day	Date	Time	Name of Teacher	Syllabus
Thursday	13/10/2022	11:00AM	Dr. V. C. Kongre	Explain basic background of statistical distribution law.
		07:30AM-10:00AM	Dr. S. P. Ramteke Priyanka A. Kotkar	Concept of Statistical theory ( probable outcome in coin)
Friday	14/10/2022	09:10AM	Dr. S. P. Ramteke	Explain the concept of thermodynamics.
		10:10AM-12:40PM	Dr. S. P. Ramteke Pranali S. Gorghate	Concept of thermo EMF.
Saturday	15/10/2022	07:30AM	Priyanka A. Kotkar	Explain concept of black body radiation.
		10:10AM-12:40PM	Dr. S. P. Ramteke Priyanka A. Kotkar	Concept of radiation of heat.
Monday	17/10/2022	10:10AM	Dr. S. P. Ramteke	Explain various applications of laws of thermodynamics.
		12:40PM-03:10PM	Dr. S. P. Ramteke Priyanka A. Kotkar	Explain use of galvanometer and rheostat in thermo-emf experiment.
Tuesday	18/10/2022	10:10AM	Dr. S. P. Ramteke	Explain the concept of gas theory.
		12:40PM-03:10PM	Dr. S. P. Ramteke Priyanka A. Kotkar	Explain the use of various apparatus and its proper utility.

Dr. U. P. Manik

**Urvashi P. Manik**  
Head, Department of Physics  
Head  
Department of Physics  
S.P. College, Chandrapur

Dr. P. M. Kotkar

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

**SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR**

**DEPARTMENT OF PHYSICS**

**BRIDGE COURSE – PREVIOUS KNOWLEDGE PAPER**

**SESSION- 2022-2023**

**B.Sc. II (SEM-III)**

**Paper I- Thermal Physics**

**Paper II- Radiation and Statistical Physics**

1. Do you know basic postulate of kinetic theory of gas model?
2. Do you know Brownian motion and transport phenomenon of gas?
3. Do you know thermodynamic system of the matter?
4. Do you know different process in thermodynamic system in matter?
5. Do you know different thermodynamic energy function?
6. Do you know basics of radiation theory?
7. Do you know black body?
8. Do you know probability theory?
9. Do you know fundamental postulates of the statistics?
10. Do you know how differentiate the M.B., B.E. and F.D. statistics?



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE

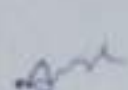
Previous Knowledge Based Test

SESSION: 2022-2023

B.Sc. II (Sem-III)

Date: 12/10/2022

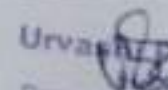
Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	Mahak Nazam A. Shaif	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Mahak
2	Alyeen P. Sayyed inam	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	Alyeen
3	Vidhanshi M. Zade	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Oracle
4	Harshita S. Bangori	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Bangori
5	Shroddha Z. Gadhwa	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	Gadhwa
6	Pratikshap Dhanikam	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	Pratikshap
7	Mohak P. F.A. Sheikh	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Mohak
8	Kainat Noori N. Khan	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	Kainat
9	Sakshi T. Parelli	NO	NO	NO	NO	NO	NO	YES	YES	NO	NO	Sakshi
10	Shivani R. Kalambe	NO	NO	NO	NO	NO	NO	YES	YES	NO	NO	Shivani
11	Kalyani G. Kulkarni	NO	NO	NO	NO	NO	NO	YES	YES	NO	NO	Kalyani
12	Ansha B. Gedar	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO	Ansha
13	Ikhvaddha S. Chhoshra	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO	I.Chhoshra
14	Sakshi S. Chhoshra	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO	S.Chhoshra
15	Sonu P. Wike	NO	NO	NO	NO	NO	YES	YES	NO	NO	NO	Sonu

  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

  
Urvashi Manik  
Head  
Department of Physics  
S.P. College Chandrapur

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
16.	Kalyani P. Kamathkar	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	Kalyani
17.	Pragati S. Meshram	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	P.S. Meshram
18.	Tushiti D. Sawadekar	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Tushiti
19.	Shital S. Patil	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Shital
20.	Manuja K. Sen	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Manuja
21.	Sumikha A. Vitambar	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Sumikha
22.	Bhavyani A. Wadgaonkar	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Bhavyani
23.	Sarika R. Nigam	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Sarika
24.	Avantika B. Pipare	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Avantika
25.	Devi S. Malankar	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Devi
26.	Pranali B. Bawane	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Pranali
27.	Shweta R. Tute	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	Shweta
28.	Yamkumari S. Khairnar	NO	NO	NO	YES	NO	NO	NO	NO	YES	NO	Yamkumari
29.	Naamita V. Raut	NO	NO	YES	NO	NO	NO	NO	YES	NO	NO	Naamita
30.	Gayatri S. Naughton	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	Gayatri
31.	Pratik P. Rajput	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Pratik
32.	Sefal V. Dhobe	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	Sefal
33.	Sona - Felina Subhin	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	Sona
34.	Sakshi K. Shetty	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Sakshi
35.	Vaidika A. Bhatnagar	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Vaidika
36.	Shital C. Ghorasole	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Shital
37.	Titli A. Munde	NO	YES	NO	NO	NO	YES	NO	NO	NO	NO	Titli
38.	Vishal Wankar	NO	NO	NO	YES	NO	YES	NO	NO	NO	NO	Vishal
39.	Sarad D. Wale	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Sarad
40.	Yash V. Kumbhar	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Yash
41.	Manohar D. Deo	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Manohar

  
 Leader Patel Manohar Patil  
 Chandrapur

  
 Urvasi Manik  
 Department of Physics  
 S.P. College

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
40	Ajay M. Patil	No	No	No	No	No	No	No	No	No	No	Ajay
41	Trishul H. Patil	No	No	No	No	No	No	No	No	No	No	Trishul
42	Rohan G. Patil	No	No	No	No	No	No	No	No	No	No	Rohan
43	DHRUV M. Patil	No	No	No	No	No	No	No	No	No	No	DHRUV
44	Vaibhav Nimblkar	No	No	No	No	No	No	No	No	No	No	Vaibhav
45	Jitish S. Patil	No	No	No	No	No	No	No	No	No	No	Jitish
46	Mohit M. Patil	No	No	No	No	No	No	No	No	No	No	Mohit
47	Mahesh J. Patil	No	No	No	No	No	No	No	No	No	No	Mahesh
48	Dr. T. Tambale	No	No	No	No	No	No	No	No	No	No	Dr. T. Tambale
49	Vivek V. Patil	No	No	No	No	No	No	No	No	No	No	Vivek
50	Vaibhav V. Patil	No	No	No	No	No	No	No	No	No	No	Vaibhav
51	Pranjal B. Dhanekar	No	No	No	No	No	No	No	No	No	No	Pranjal
52	Manshar P. Patil	No	No	No	No	No	No	No	No	No	No	Manshar
53	Charalata Patil	No	No	No	No	No	No	No	No	No	No	Charalata
54	Ankita C. Patil	No	No	No	No	No	No	No	No	No	No	Ankita
55	Kaushal S. Patil	No	No	No	No	No	No	No	No	No	No	Kaushal
56	Pooja Patil	No	No	No	No	No	No	No	No	No	No	Pooja
57	Ankita R. Patil	No	No	No	No	No	No	No	No	No	No	Ankita
58	Radhika W. Patil	No	No	No	No	No	No	No	No	No	No	Radhika
59	Keshavnath M. Patil	No	No	No	No	No	No	No	No	No	No	Keshavnath
60	Anshul R. Patil	No	No	No	No	No	No	No	No	No	No	Anshul
61	Rubya Kamatkar	No	No	No	No	No	No	No	No	No	No	Rubya
62	Nashim Sheikh	No	No	No	No	No	No	No	No	No	No	Nashim
63	Sejal V. Chaudhari	No	No	No	No	No	No	No	No	No	No	Sejal
64	Rishabh S. Bhandari	No	No	No	No	No	No	No	No	No	No	Rishabh

*[Handwritten signature]*

*[Handwritten signature]*  
 Principal  
 Sant Patil Mahavidyalaya  
 Chandrapur

*[Handwritten signature]*  
 Department of Physics  
 SP College Chandrapur



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF PHYSICS

Bridge Course Completion Test

SESSION: 2022-2023

B.Sc. II (Sem-III)

Date: 19/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
01	Vaidya A. Bhojwani	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
02	Shubhankar C. Govindhan	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
03	Sakshi K. Shetty	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
04	Hitendra J. Mahade	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
05	Vishal S. Mahapatra	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
06	Ajay M. Patil	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
07	Yash V. Kumbhar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
08	Sirad B. Mele	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
09	Nandkishor J. Patil	yes	yes	yes	no	yes	no	no	yes	yes	yes	[Signature]
10	Mahendra J. Shinde	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
11	Damini Dhanraj	yes	yes	yes	yes	yes	yes	no	yes	yes	yes	[Signature]
12	Nazim S. Sheikh	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	[Signature]
13	Ishtiaq Mulla In Khan	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
14	Dr. Rajendra Shankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]
15	Rohan G. Patil	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	[Signature]

[Signature]  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

Urvasi Manik  
Assistant  
Department of Physics  
S.P. College, Chandrapur


Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
16	Vishnu S. Nalankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
17	Dhruv S. Nalankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
18	Vivek V. Nalankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
19	Valbhav V. Borhate	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
20	Jitish G. Bhandare	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>[Signature]</i>
21	Prayansh S. Bhandarkar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
22	Chetan M. Dupare	yes	yes	yes	yes	yes	No	yes	yes	yes	yes	<i>[Signature]</i>
23	Harshita S. Anand	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
24	DHRUV M. Aglawale	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
25	Rohan Ganesh Jadhav	yes	yes	yes	yes	yes	Yes	yes	yes	yes	yes	<i>[Signature]</i>
26	M. Sagar - Nalankar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>[Signature]</i>
27	Rudraja Kamathkar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>[Signature]</i>
28	Sanya Sidhiqui	yes	No	No	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
29	Prayansh Rajgopal	yes	No	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
30	Sejal Dhobre	yes	yes	No	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
31	Namita V. Desai	yes	yes	yes	No	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
32	Shweta R. Patil	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
33	Pranjali S. Bawane	Yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
34	Kumbhraj S. Phansum	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
35	Gayatri S. Naughton	yes	yes	yes	yes	yes	yes	yes	yes	yes	No	<i>[Signature]</i>
36	Avantika B. Pipare	yes	yes	yes	yes	yes	yes	yes	yes	yes	No	<i>[Signature]</i>
37	Deelika S. Nalankar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>[Signature]</i>
38	Samiksha S. Nalankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
39	Divyani A. Wadgaonkar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
40	Sanjivani E. Nalankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>
41	Manjira K. Desai	No	yes	yes	yes	yes	yes	yes	yes	yes	yes	<i>[Signature]</i>

*[Signature]*

*[Signature]*  
Principal  
Tardar Patal Mahavidyalaya  
Chandrapur

*[Signature]*  
Urvasi Manik  
Department of Physics

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
62	Arifal Farukhan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
63	Sejal Chaudhary	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	[Signature]
64	Pratiksha Kishorika	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
65	Ratna Anand	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
66	Chandlata T. Mairal	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
67	Mamantun A. Shrip	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
68	Ankita C. Ambekar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
69	Kaushal S. Sayant	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	[Signature]
70	Pooja P. Varma	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	[Signature]
71	Ankita R. Bhatnagar	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
72	Rachita W. Gokhale	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
73	Kushaantika Singh	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
74	Prachi R. Bhatnagar	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
75	Mahak F. A. Chikha	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
76	Shradha S. Ghosh	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	[Signature]
77	Zahab N. N. N. N.	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	[Signature]
78	Sakshi T. Pareek	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
79	Vaishnavi M. Zude	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
80	Mahak Nagam M. Shauk	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
81	Manu P. Sanyal	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
82	Kalpana G. Kalambe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
83	Shradha R. Kalambe	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
84	Pratiksha S. Dandekar	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
85	Chandlata T. Mairal	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
86	Harchita S. Rangani	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
87	Kalyani P. Kalambe	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]
88	Rishab S. Bhatnagar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	[Signature]

  
 Chandrasekar  
 Head of Department

Urvasi Bhatnagar  
 [Signature]



## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Practical

Date: 13/10/2022

Name of lecturer: Dr. S. P. Ramteke

Prof. P. A. Kotkar

S.N.	Name of Student	Signature
1	Vivek V. Wakudkar	Vivek
2	Vaishnavi M. Zade	Zade
3	Harshita S. Rangari	Rangari
4	Shraddha R. Gunjalwar	Gunjalwar
5	Mahak F.F.A. Sheikh	Mahak
6	Kushavrat M. Waghmare	Waghmare
7	Radhika W. Borkute	Borkute
8	Ankita S. Ambekar	Ambekar
9	Mannan A. Sheikh	Mannan
10	Prakta P. Rajgade	Rajgade
11	Sejal V. Dhobe	Dhobe
12	Sarafima H. Siddiqui	Siddiqui
13	Avantika B. Patil	Patil
14	Dellipi Suresh Malamwar	Malamwar
15	Pranjali S. Bhowane	Bhowane
16	Shweta R. Patil	Shweta
17	Samiksha Arav Virmidar	Samiksha
18	Divyani A. Wadgaonkar	Divyani
19	Sankhuti E. Naware	Naware
20	Govind P. Uike	Uike
21	Jyoti D. Sondakkar	Sondakkar
22	Pragati S. Meshram	P.S. Meshram
23	Rutuja B. Kamatkar	Rutuja



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Theory

Date:13/10/2022

Name of Lecturer: Prof. Priyanka A. Kotkar

*pratik 02*

S.N.	Name of Student	Signature
1.	Vaidiki A. Barchuwar	Vaidiki
2.	Isakshi K. Shetty	Shetty
3.	Zhatabdi C. Govaudhan	<del>Zhatabdi</del>
4.	Jitai A. Urkude	<del>Alh</del>
5.	Nishal S. Wasambar	Nishal
6.	Ajay M. Patil	<del>Ajay</del>
7.	Yash V. Kumbhar	Yash
8.	Sarad D. Wale	Sarad
9.	Manishankar S. Oey	Manishankar
10.	Nazmin M. Sadik Sheikh	Nazmin
11.	Damini G. Durangan	Damini
12.	Mahknaz T. Sheikh	Mahknaz
13.	Sujat M. Moon	Sujat
14.	Mohammad Araf Sheikh	Mohammad
15.	Chetan Manoj Dupare	Chetan
16.	Sajal Vijaylaxmi Chauhan	Sajal
17.	Pallavi Pankaj Gaware	Pallavi
18.	Pratiksha Satyraj Monkalke	Pratiksha
19.	Sanskanti E. Neware	Sanskanti
20.	Dnyesha A. Wedgeel	Dnyesha
21.	Somiksha Ajay Vitmalwar	Somiksha
22.	Kumkum Jadhav Icharwar	Kumkum
23.	Shweta Ramesh Patale	Shweta
24.	Pranjali S. Bawane	Pranjali
25.	Devi Suresh Nalawar	Devi



S.N.	Name of Student	Signature
26	Arunhika Bandu pipare	<del>Arundhika</del>
27	Gayatri sudhakar Nawghare	<del>Gawghare</del>
28	Namita Vinod Rajde	<del>Namita</del>
29	Prakta. P. Rajgade	<del>Prakta</del>
30	Sejal V. Dhobe	<del>Sejal</del>
31	Sanaadma Siddiqui	Sana Siddiqui
32	Mannatun. A. Sheikh	<del>Mannatun</del>
33	Ankita. C. Ambekar	<del>Ankita</del>
34	Ankita. R. Thakare	<del>Ankita</del>
35	Kausar. S. Sayyad	<del>Kausar</del>
36	Ruchita P. Dakhane	<del>Ruchita</del>
37	Radhika W. Borkute	<del>Radhika</del>
38	Kushavrat M Waghmare	<del>Kushavrat</del>
39	Shivani R. Kalambe	<del>Shivani</del>
40	Kalyani. A. Kulmethe	<del>Kalyani</del>
41	Pratiksha P. Dandekar	<del>Pratiksha</del>
42	Vaishnavi M. Zade	<del>Vaishnavi</del>
43	Shradha R. Gungelwar	<del>Shradha</del>
44	Matika. F. F. Ahirwad shikh.	<del>Matika</del>
45	Harshita S. Rangari	<del>Harshita</del>
46	Mahak Nazneem Abdul Sharif	<del>Mahak</del>
47	Aqsaem P. Sayyed Inayat Ali	<del>Aqsaem</del>
48	Prarwal B. Dhanorkar	<del>Prarwal</del>
49	Vaibhav V Borkute	<del>Vaibhav</del>
50	vivek V. Malankar	<del>Vivek</del>
51	Jitesh G. Bodele	<del>Jitesh</del>
52	Achal S. parchake	<del>Achal</del>
53	Manuja K. Sen.	<del>Manuja</del>
54	Tanpti D. Sandekar	<del>Tanpti</del>
55	pragati. S. meshram	P.S. meshram
56	Kalyani P. Kamatwar	<del>Kalyani</del>
57	sonu. P. vike	<del>Sonu</del>
58	Tushar S. Bommewar	<del>Tushar</del>
59	Ayush. C. Salkar	<del>Ayush</del>

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR


DEPARTMENT OF PHYSICS

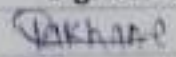
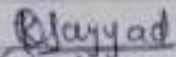
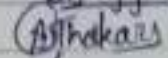
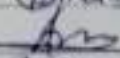
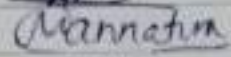
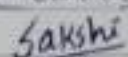
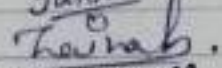
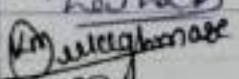
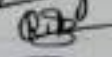
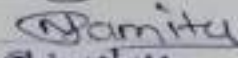
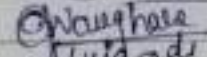
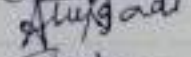
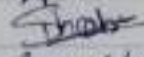
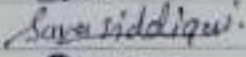
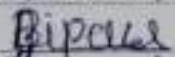
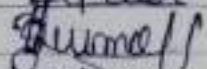
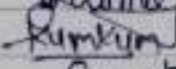
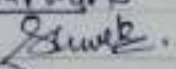
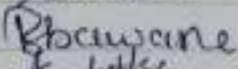
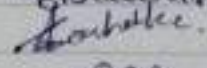
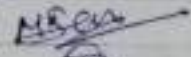

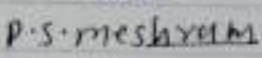
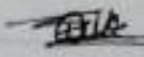
BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Theory

Date:14/10/2022

Name of Lecturer: Dr. Sanjay P. Ramteke - 

S.N.	Name of Student	Signature
17	Ruchita P. Dakhane	
2	Kausay S. Sayyad	
3	Ankita. R. Thakare	
4	Ankita. C. Ambekar	
5	Mannatun. A. Sheikh	
6	Sakshi T. Purelli	
7	Zainab Noori N. Ahmed	
8	Krushavati M. Waghmare	
9	Radhika W. Borkhite	
10	Namita V. Raut	
11	Gayatri S. Naughare	
12	Pranjita. P. Rhygad	
13	Sejal. V. Dhobe	
14	Sanafatma. H. Siddiqui	
15	Avantika B. Pipare	
16	Dellaki. S. Nalamwar	
17	Kumkum J. Khanwar	
18	Shweta. R. Patale	
19	Pranjali. S. Bawane	
20	Ashal S. Parhake	
21	Manjira K. Sen	
22	Tupty D. Sandekar	
23	pragati. S. Meshram	
24	Sonu. P. Uike	



S.N.	Name of Student	Signature
25.	Kalyani P. Kumbhar	Kalyani
26.	Sneha D. Gedam	Sneha
27.	Shraddha S. Chhaganekar	S. Chhaganekar
28.	Sakshi S. Chhaganekar	S. Chhaganekar
29.	Vaidoh A. Bacchwar	Vaidoh
30.	Sakshi K. Shetty	Sakshi
31.	Shatabdi C. Govardhan	Shatabdi
32.	Jitai A. Ukhude	Jitai
33.	Vishal S. Wasankar	Vishal
34.	Ajay M. Patil	Ajay
35.	Yash V. Kumbhare	Yash
36.	Sunad D. Wale	Sunad
37.	Manishankar S. Dey	Manishankar
38.	Ishaal Hussain Khan Patan	Ishaal
39.	Rohun G. Rithe	Rithe
40.	Jitesh G. Bockle	Jitesh
41.	ard T. Thambare	ard
42.	Vivek Vivas Wakudkar	Vivek
43.	Vaibhav Vasant Borkute	Borkute
44.	Prajwal Bandy Dhanekar	Prajwal
45.	Damini G. Dewangan	Damini
46.	Nazmin S. Sheikh	Nazmin
47.	Mahnoor Z. I. Sheikh	Mahnoor
48.	Vaibhav P. Nimalkar	Vaibhav
49.	Chetan M. Dugare	Chetan
50.	DHRUV M. Aflawce	Dhruv
51.	Sejal V. Chauhan	Sejal
52.	Pallavi P. Ganneti	Pallavi
53.	M. D. Kaif Asif Sheikh	M. D. Kaif
54.	Pratiksha S. Manaskalle	Pratiksha
55.	Samiksha A. Virmaiwat	Samiksha
56.	Devyani A. Wadgaonkar	Devyani
57.	Sanskriti E. Newari	Sanskriti
58.	Mahet F. F. A. Sheikh	Mahet





SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

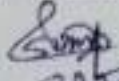

DEPARTMENT OF PHYSICS

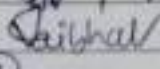
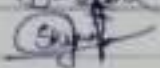
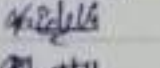
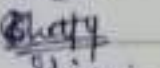
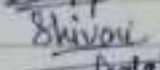
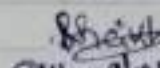
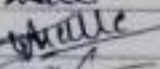
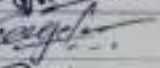
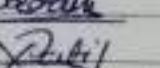
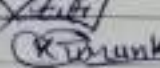
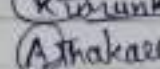
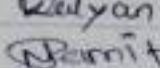
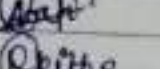
BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Practical

Date:14/10/2022

Name of lecturer: Dr. S. P. Ramteke -   
Prof. P. S. Gorghate - 

S.N.	Name of Student	Signature
1.	Ajay Manoj Patil	
2.	Vaibhav Ramesh Nimbalkar	
3.	Grandharu Balaji Bangare	
4.	Sudhanishu. Kapil. Yadav.	
5.	Jitai. Aswini. Uchude	
6.	Vaidahi Abhay Barchhwar	
7.	Sakshi Krishna. Shetty	
8.	Shivani Rajendra Kalambe	
9.	Shatabdi C Govardhan	
10.	Kaif Asif Sheikh	
11.	Mayatri Sudhakar Naughare	
12.	Vishranti V. Kale	
13.	Sakshi H. Mathe	
14.	Jogesh V. Gogelkar	
15.	Jitesh G. Bodele.	
16.	Vishesh D Patil	
17.	Keunak R. Turankar	
18.	Ankita. R. Thakare	
19.	Kalyani P. Kamatwar	
20.	Namita V. Raut	
21.	Aastha. P Gundawar	
22.	Aarti P. Shantmal	
23.	Rohan. G. Pithe	





SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Theory

Date:15/10/2022

Name of lecturer: Prof. Priyanka A. Kotkar

~~Prof. Priyanka A. Kotkar~~ Pratibha

S.N.	Name of Student	Signature
1)	Radhika W. Borkute	<del>Radhika</del>
2)	Kushgurati M. Waghmare	<del>Kushgurati</del>
3)	Zainab Noori N. Atharad	Zainab.
4)	Sakshi Timupati Puxelli	Sakshi
5)	Mannatun. A. Shaikh	Mannatun.
6)	Ankita - C. Ambekar	<del>Ankita</del>
7)	Prajakta. P. Rajgade	<del>Prajakta</del>
8)	Sejal Vithal Dhobe	Sejal
9)	Sanafatma .H. Siddiqui	Sana Siddiqui.
10)	Manjita V. Rawl	Manjita
11)	Gayatri S. Naughare	Gayatri
12)	Shweta R. Patil	Shweta.
13)	Pranjali S Bawane	Pranjali
14)	Dellaki Suresh Nalamwar	Dellaki
15)	Alantika Bandu Pitare	Alantika
16)	Manishankar S. Patil	Mani. Patil.
17.	Sarad D. wele	Sarad
18	Yash. V. Kumbhare	Yash
19	Vishal Wasankar	Vishal
20.	Atish A. Urkude	Atish
21.	Shatabdi C. Govardhan	Shatabdi
22.	Ajay. M. Patil	Ajay
23	Vivek V. Wakudkar	Vivek
24.	Jitesh G Bodele.	Jitesh

S.N.	Name of Student	Signature
25	Orsi Tejasvi Thombte	O.Thombte
26	Irshad Hussain Khan	Irshad
27	Boban . G. Pithe.	Pithe.
28	md waif. Aif Sheikh	Sheikh
29	Chetan. Manoj. Dupare	CMD
30	Maheshwar . T. Sheikh	MSheikh
31.	Damini . G. Deshangan	Damini
32.	Nazmin S. Sheikh	Nazmin
33.	Sujat . M. Noor	M. Noor
34.	Sejal . V. Chauhan	Sejal
35.	Pallavi P. Gokul	Pallavi
36.	Pratiksha S. Murauskalle	Purauskalle
37	Duchita T. Dakhane	Dakhane
38.	Kausar S. Sayyad	Sayyad
39)	Sakshi K. Shetty	Shetty
40)	Vaidhi A. Bacchus	Vaidhi
41)	Ankita . R. Thakare	Thakare.
42)	Mahesh Nazneen Abdul Shanif	Mahesh
43)	Ahreen Parveen S. <sup>Imayati</sup> <del>Imayati</del> Ali	Ahreen
44)	Vaishnavi M. Zade	Vaishnavi
45)	SHRADDHA - R - GUPTELWAR	Shraddha
46)	Harekita - S - Rangari	Rangari
47)	Matek - F - F - Al-Samad Shiri	Matek
48)	Vaibhavi R. Nimbalkar	Vaibhavi
49)	Dhruv. M. Aglawe	Dhruv
50.	Shivani. R. Kalambe	Shivani
51.	Kalyani . G. Kulmethe	Kalyani
52)	Pratiksha P. Desalekar	Desalekar.
53)	Sneha D. Gedam	Sneha
54	Shraddha S. Chhaganekar	S. Chhaganekar
55	Sakshi S. Chhaganekar	S. Chhaganekar
56	Sonu . P. Vike	Sonu
57.	Kalyani . P. Kamatwar	Kalyani
58	Pragyati . S. Meshram	P.S. Meshram





## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

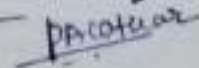
B.Sc. II (Sem-III) Practical

Date:15/10/2022

Name of lecturer: Dr. S. P. Ramteke



Prof. P. A. Kotkar



S.N.	Name of Student	Signature
1.	Jitesh Gulab Bodele	
2.	Gandharv Balluji Bangare.	
3.	Sudhanshu . Kapil. yadav.	
4.	Ajay. manoj . Patil	
5.	Krunal . R . Turankar	
6.	yogesh. vikas. wargelwar	
7.	Gulraj Arvind Ukkude	
8.	Shatabdi C. Govardhan.	
9.	Valdehi A. Sachuwar	
10.	Sakshi K. shetty	
11.	Shivani A. Kalambe	
12.	Poojita P. Dakhani	
13.	Kalyani . P. Kamatwar	
14.	Namita N. Raot	
15.	Ankita . R. Thakur	
16.	Kausar . S. Sayyad	
17.	Dakshi . H. Matle	
18.	Vishranti V. kale	
19.	Ashar . G. Pitte	
20.	Aastha P Gundawar	
21.	Aarti . P. sharma	

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

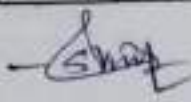
DEPARTMENT OF PHYSICS

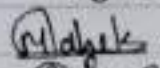
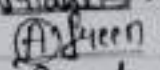
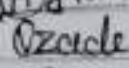
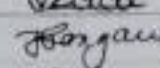
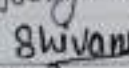
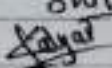
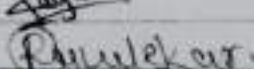
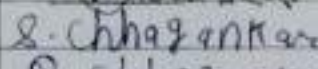
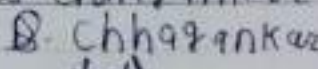
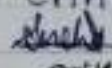

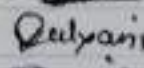
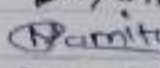
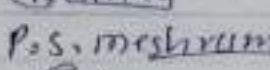
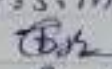
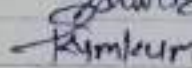
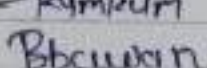
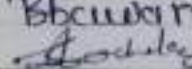
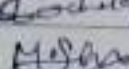
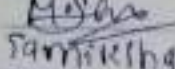
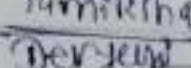
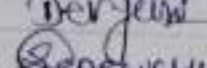
BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Theory

Date:17/10/2022

Name of lecturer: Dr. Sanjay P. Ramteke 

S.N.	Name of Student	Signature
1	Mahek Nazneem Abdul Shanif	
2	Afreen p. Sayyed inayat ali	
3.	Vaishnavi M. Zade.	
4.	Harchita .S. Rangari	
5.	Shivani . R. Kalambe	
6.	Kalyani .G. Kulmethe	
7	Pratiksha P. Dandekar	
8	Shraddha S. Chhaganekar	
9.	Sakshi S. Chhaganekar	
10.	Sneha D. Gadam	
11.	Sonu . P. Vike	
12.	Kalyani .P. Karnatwar	
13.	Narmita V. Raut	
14.	Pragati .S. . meshram	
15.	Tampti D. Sandekar	
16.	Shweta .R. Patale	
17.	Kumkum .S. Khanwar	
18.	Pranjali .S. Bawane	
19]	Achal S. parchake	
20]	Manuja K Sen	
21]	Samiksha Aray Virmalwar	
22]	Divyani A. Wadgaonkar	
23)	Sanskanti E. Newase	



S.N.	Name of Student	Signature
24)	Deelaki Suresh Nalamwar	<u>Deelaki</u>
25)	Avunhika Bundy Pipare	<u>Avunhika</u>
26)	Gayatri Sudhakar Naughar	<u>Gayatri</u>
27)	Sejal Vittal Dhake	<u>Sejal</u>
28)	Pranjita P. Rajgade	<u>Pranjita</u>
29)	Sana Fatima Siddiqui	<u>Sana Siddiqui</u>
30)	Namishankar S. Dey	<u>Namishankar</u>
31)	Sanad D. Wele	<u>Sanad</u>
32)	Yash V. Leumbhane	<u>Yash</u>
33)	Ajay M. Patil	<u>Ajay</u>
34)	Vishal Wasankar	<u>Vishal</u>
35)	Jitai A. Mhude	<u>Jitai</u>
36)	Shatabdi C. Govardhan	<u>Shatabdi</u>
37)	Vaidhi A. Baccusar	<u>Vaidhi</u>
38)	Sakshi K. Shetty	<u>Sakshi</u>
39)	Rohan G. Rithe	<u>Rohan</u>
40)	Irshad Hussain Khan Pansari	<u>Irshad</u>
41)	Maheshwar J. Shikhi	<u>Maheshwar</u>
42)	Dumini G. Demangan	<u>Dumini</u>
43)	Nazmin S. Sheikh	<u>Nazmin</u>
44)	Prajwal B. Dhanotkar	<u>Prajwal</u>
45)	Vaibhav Vasant Borkute	<u>Vaibhav</u>
46)	Vivek Vikas Wakudkar	<u>Vivek</u>
47)	Jitish G. Bodele	<u>Jitish</u>
48)	San P. Thombte	<u>San</u>
49)	Vaibhav R. Nimbalkar	<u>Vaibhav</u>
50)	Dhanu M. Aglawe	<u>Dhanu</u>
51)	Chetan M. Dupare	<u>Chetan</u>
52)	Muhammad Asif Sheikh	<u>Muhammad</u>
53)	Syad M. Noon	<u>Syad</u>
54)	Prajwal B. Dhanotkar	<u>Prajwal</u>
55)	Vaibhav V. Borkute	<u>Vaibhav</u>
56)	Shraddha R. Gungelwar	<u>Shraddha</u>
57)	Mahesh F. F. A. Sherkh	<u>Mahesh</u>





SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Practical

Date:17/10/2022

Name of lecturer: Dr. S. P. Ramteke

*S.P. Ramteke*

Prof. P. A. Kotkar

*P.A. Kotkar*

S.N.	Name of Student	Signature
1)	Nishal S. Wasankar	<i>Nishal</i>
2.	Sarad D. wale	<i>Sarad</i>
3.	Yash. V. leumbhale	<i>Yash</i>
4.	Manishankar S. Dey	<i>Manishankar</i>
5.	Nazmin. S. Sheikh	<i>Nazmin</i>
6.	Damini G. Durganjan	<i>Damini</i>
7.	Maheknaz. J. Sheikh	<i>Maheknaz</i>
8.	Irshad. H. Khan Pathan	<i>Irshad</i>
9	OM. THOMBRE	<i>Om. Thombre</i>
10	Sajal. V. Chauhan	<i>Sajal</i>
11.	Pallavi P. Gauri	<i>Pallavi</i>
12.	Puabiksha S. Mawkalhe	<i>Puabiksha</i>
13.	Manuja. K. Sen	<i>Manuja</i>
14.	Achal S. Parbhake	<i>Achal</i>
15	Kumkum Kharwar	<i>Kumkum</i>
16.	Sneha D. Gedam	<i>Sneha</i>
17	Shraddha S. Chhaganekar	<i>S. Chhaganekar</i>
18.	Sakshi S. Chhaganekar	<i>S. Chhaganekar</i>
19.	Zainab Noori N. Ahmed	<i>Zainab</i>
20	Sakshi Tinupati Purelli	<i>Sakshi</i>
21.		

SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-III) Theory

Date:18/10/2022

Name of lecturer: Prof. Priyanka A. Kotkar *p.a.kotkar*

S.N.	Name of Student	Signature
1	Namita Vinod Raut	<i>Namita</i>
2	Mayank Suchakar Naugghare	<i>Naugghare</i>
3	Prajakta Pravinkumar Rajgale	<i>Rajgale</i>
4	Sejal Vitthal Dhobe	<i>Dhobe</i>
5	Sana fatma Siddiqui	<i>Sana siddiqui.</i>
6	Avantika Bandu Pipare	<i>Pipare</i>
7	Dellaki Suresh Nalambar	<i>Nalambar</i>
8	Shweta Ramesh Patil	<i>Patil</i>
9	Pranjali Shubraim Bawna	<i>Bawana</i>
10	Kumkum Jaleshwar Kharwar	<i>Kumkum</i>
11	Achal S parchake	<i>Parchake</i>
12	Manuja K Sen	<i>Sen</i>
13	Samiksha Ajay Vitthalwar	<i>Samiksha</i>
14	Denyara Arul Nalagere	<i>Denyara</i>
15	Sanskriti E. Newase	<i>Newase</i>
16	<del>Avantika B. Pipare</del>	
17	pratiksha S Marankolhe	<i>Marankolhe</i>
17	Sejal V. Chauhan	<i>Chauhan</i>
18	Pallavi P. Gomati	<i>Gomati</i>
19	Sugat M. Moon	<i>Moon</i>
20	Nazmin. M. Sadik Sheikh	<i>Sheikh</i>
21	Damini. B. Dhangar	<i>Damini</i>
22	Makail Bif Sheikh	<i>Sheikh</i>



S.N.	Name of Student	Signature
23	Chetan Manoj Dupare	<u>CMD</u>
24	Yash V. Kumbhare	<u>Yash</u>
25	Sanad. D. Wele	<u>Sand</u>
26	Manishankar S. Dey	<u>Manishankar</u>
27	Ajay . M. patil	<u>Ajay</u>
28	Faisal Hussain Khan Gaman	<u>Faisal</u>
29	Rohan . G. Rithe.	<u>Rithe</u>
30	Jitesh G. Bodele	<u>Bodele</u>
31	Vivek . Y. Wakudkar	<u>Vivek</u>
32	Om T. Thombke	<u>Thombke</u>
34	Sanskanti . E. Neware	<u>Neware</u>
35	Devyani . A. Wadguse	<u>Devyani</u>
36	Samiksha . Atiy Vithnarwar	<u>Samiksha</u>
37	Pragati S. Meshram	<u>P.S. Meshram</u>
38	Tarupti D. Sandokar	<u>TDS</u>
39	Kalyani P. Kamatwar	<u>Kalyani</u>
40	Sonu . P. Vike	<u>Sonu</u>
41	Sneha D. Gedam	<u>Sneha</u>
42	Shraddha S. Chhaganekar	<u>Shraddha</u>
42	Sakshi S. Chhaganekar	<u>S. Chhaganekar</u>
42	Pratiksha P. Deshpande	<u>P. Deshpande</u>
43	Shivani . R. Kalambe	<u>Shivani</u>
44	Kalyani . G. Kulmethe	<u>Kalyani</u>
45	Vaishnavi M. Zade	<u>Zade</u>
46	Harshita S. Rangazi	<u>Rangazi</u>
47	Mahak Nazam Abdul Shaif	<u>Mahak</u>
48	Afreen P Sayyed Inayat Ali	<u>Afreen</u>
49	Ankita . R. Thakare	<u>Thakare</u>
50	Kushnawati M. Waghmare	<u>Waghmare</u>
51	Radhika W. Borkute	<u>RW</u>
52	Kausar S. Sayyad	<u>Sayyad</u>
53	Ruchita P. Dakhane	<u>Dakhane</u>
54	Sakshi . K. Shetty	<u>Shetty</u>
55	Vaidhi . A. Bachuwar	<u>Vaidhi</u>



## DEPARTMENT OF PHYSICS

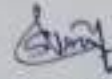
BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

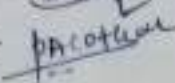
B.Sc. II (Sem-III) Practical

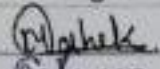
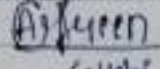
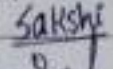
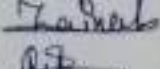
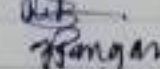
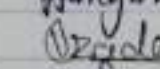
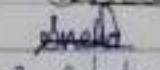
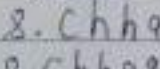
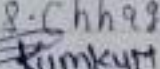
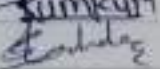
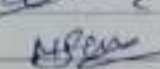
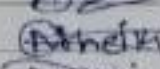
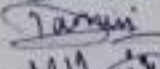
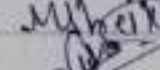
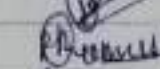
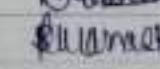

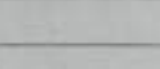
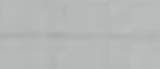
Date:18/10/2022

Name of lecturer: Dr. S. P. Ramteke



Prof. P. A. Kotkar




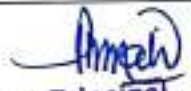
S.N.	Name of Student	Signature
1	Mahak Nazneem Abdul Shauq	
2	Afreen P. Sayyed Inayat	
3	Sakshi T. Purelli	
4	Zainab Noor N. Ahmed	
5	Radhika W. Borkute	
6	Harchita S. Rangari	
7	Vaishnavi M. Zode	
8	Sneha D. Gedam	
9	Shraddha S. Chhaganekar	
10	Sakshi S. Chhaganekar	
11	Kumkum J. Kharwar	
12	Achal S. Parchoke	
13	Manuja K. Sen	
14	Nazmiya S. Sheikh	
15	Damini G. Desai	
16	Mahaknaz J. Sheikh	
17	Sejal V. Chouhan	
18	Pallavi P. Gonsale	
19	Pratiksha S. Marathe	



**SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR**  
**DEPARTMENT OF PHYSICS**  
**BRIDGE COURSE TIME TABLE**  
**SESSION- 2022-2023**  
**B.Sc. III (Sem-V)**

Day	Date	Time	Name of Teacher	Syllabus
Thursday	13/10/2022	07:30AM	Mitali N. Sarkar	Introduction of atomic nucleus: its structure, General properties of nucleus. Binding energy and its numerical.
		10:10AM-12:40PM	Dr. U. P. Manik Mitali N. Sarkar	Introduction and explanation of different electrical instruments like multimeter, voltmeter, ammeter, rheostat.
Friday	14/10/2022	07:30AM	Dr. U. P. Manik	Explanation on mathematical background like derivatives, integration, differential equation and unit conversion.
		12:40PM-03:10PM	Mitali N. Sarkar Priyanka A. Kotkar	Introduction to travelling microscope and its uses.
Saturday	15/10/2022	09:10AM	Dr. S. P. Ramteke	Introduction of crystal lattice and related basic terms.
		12:40PM-03:10PM	Mitali N. Sarkar Pranali S. Gorghate	Explain the use of ms-word, powerpoint to draw the graph .
Monday	17/10/2022	09:10AM	Dr. U. P. Manik	Explanation on classical mechanics and different atomic models.
		10:10AM-12:40PM	Dr. U. P. Manik Mitali N. Sarkar	Explain the use of excel to draw the graph, Hands on computer.
Tuesday	18/10/2022	07:30AM	Mitali N. Sarkar	Introduction to mass-energy equivalence relation $E=mc^2$ , Concept of radioactive decay, nuclear fission-fusion and its application.
		10:10AM-12:40PM	Dr. U. P. Manik Mitali N. Sarkar	Construction of different crystal models by the students using balls and straw.

  
 (Dr. Urvashi P. Manik)  
 Head, Department of Physics

  
 (Dr. Prakash P. Manik)  
 Sardar Patel Mahavidyalaya  
 Chandrapur

**SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR**  
**DEPARTMENT OF PHYSICS**  
**BRIDGE COURSE**  
**Previous Knowledge Based Test**  
**SESSION- 2022-2023**  
**B.Sc. III (Sem-V)**

1. Do you know the derivatives and integration of all trigonometric functions?
2. Do you know atomic model and related theory?
3. Do you know units like Angstrom, Fermi, nano, electron volt conversion?
4. Do you know the structure and general properties of atomic nucleus?
5. Do you know the meaning of mass-energy equivalence relation  $E=mc^2$ ?
6. Do you know about the term mass defect and binding energy?
7. Do you know the information regarding periodic table?
8. Do you know the concept of radioactivity, nuclear energy and its application?
9. Do you know the use of different apparatus like voltmeter, ammeter, multi-meter, rheostat, travelling microscope?
10. Do you know how to draw graph on excel?

  
**Urvashi P Manik**  
Head  
Department of Physics  
S.F. College, Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE

Previous Knowledge Based Test

SESSION: 2022-2023

B.Sc. III (Sem-V)

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1.	Sonali S. Nikhade	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Yes	Sonali
2.	Jayashri D. Babade	NO	NO	NO	NO	NO	NO	Yes	NO	NO	NO	Jayashri Babade
3.	Khushi C. Barge	NO	NO	NO	Yes	Yes	Yes	NO	NO	NO	NO	Khushi Barge
4.	Rameshmoori T. Suspan	yes	NO	NO	yes	NO	yes	NO	NO	NO	NO	Rameshmoori
5.	Pratiksha R. Dhavale	NO	NO	NO	Yes	NO	Yes	NO	NO	NO	NO	Pratiksha
6.	Pooja R. Yadav	NO	NO	NO	Yes	Yes	Yes	NO	NO	NO	NO	Pooja
7.	Shubhangi S. Nikade	NO	NO	NO	NO	Yes	NO	Yes	NO	NO	Yes	Shubhangi
8.	Nandini G. Kerkhade	NO	NO	Yes	NO	NO	NO	NO	NO	Yes	Yes	Nandini
9.	Bhavika A. Kumbhारे	NO	NO	NO	NO	NO	YES	NO	NO	YES	YES	Bhavika
10.	Pragyata S. Quwatkar	Yes	Yes	NO	Yes	Yes	Yes	NO	NO	NO	Yes	Pragyata
11.	Anushi V. Meekade	Yes	NO	NO	NO	NO	NO	Yes	NO	NO	Yes	Anushi
12.	Pooja S. Nikum	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Yes	Pooja
13.	Hrushika K. Joga	Yes	NO	NO	NO	NO	NO	NO	NO	NO	NO	Hrushika
14.	Rohini B. Jadhav	NO	Yes	Yes	NO	NO	NO	NO	NO	NO	Yes	Rohini
15.	Rohini P. Wadhvani	NO	Yes	NO	NO	Yes	NO	NO	NO	NO	Yes	Rohini

*(Signature)*  
Principal

*(Signature)*  
Urvasi R. Manik  
Head

Sardar Patel Mahavidyalaya  
Chandrapur

Department of Physics  
Sardar Patel Mahavidyalaya  
Chandrapur



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
16.	Royal Bankar	No	No	Yes	No	Yes	No	No	No	No	No	Royal
17.	Nandini Vikey	No	No	No	Yes	Yes	No	No	No	No	No	Bankar
18.	Pratik M. Patil	Yes	No	No	Yes	Yes	No	No	No	No	No	Patil
19.	Saamriddhi H. Adkine	No	No	Yes	No	No	No	No	No	No	Yes	Adkine
20.	Shruti N. Shikarade	No	No	No	No	Yes	No	No	No	No	Yes	Shikarade
21.	Shraddha P. Makode	No	No	No	Yes	Yes	No	No	No	No	No	Makode
22.	Shweta S. Masekar	No	No	Yes	No	Yes	No	No	No	No	No	Masekar
23.	Nikita V. Lonkar	No	No	No	No	No	Yes	No	Yes	No	No	Lonkar
24.	Shruti G. Shenle	No	No	Yes	No	No	No	No	No	No	No	Shenle
25.	Anchal U. Gelsam	No	No	Yes	Yes	No	No	No	Yes	No	No	Gelsam
26.	Shanika R. Sherkar	No	No	No	Yes	No	No	No	Yes	No	No	Sherkar
27.	Papita S. Thene	No	No	No	No	Yes	No	No	No	No	No	Thene
28.	Nikita R. Adkine	No	No	Yes	No	No	No	No	Yes	No	Yes	Adkine
29.	Pooja B. Sandakare	No	No	Yes	No	Yes	No	No	No	No	Yes	Sandakare
30.	Sunil S. Alwarakar	No	No	No	Yes	No	Yes	No	No	No	No	Alwarakar
31.	Krushika C. Yadav	Yes	No	No	No	No	No	Yes	No	No	No	Yadav
32.	Ashish K. H. Tatar	No	No	No	No	Yes	No	No	Yes	No	No	Tatar
33.	Ketan Umeshgundam	No	No	No	No	No	Yes	No	No	No	No	Gundam
34.	Kaaran S. Asutkar	No	No	No	No	No	Yes	No	Yes	No	No	Asutkar
35.	Pratik Waghmare	No	No	No	Yes	No	Yes	No	Yes	Yes	Yes	Waghmare
36.	Ashwini K. Pawar	No	No	No	No	Yes	No	No	No	No	No	Pawar
37.	Manisha Aadi	No	Yes	No	No	No	No	No	No	No	No	Aadi
38.	Aarati Fade	No	No	No	Yes	Yes	No	No	No	No	No	Fade
39.	Ankita Lande	No	No	No	No	No	No	Yes	No	No	No	Lande
40.	Mitali Dey	No	No	No	No	No	No	No	No	No	No	Dey
41.	Sonalis Sarkar	No	No	No	Yes	Yes	No	No	No	No	No	Sarkar

  
 Urvashi Manik  
 Head  
 Department of Physics  
 Sardar Patel Mahavidyalaya  
 Chandranur

Urvashi Manik  
 Head  
 Department of Physics



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
42.	Pruthi Dewalkar	NO	NO	NO	NO	Yes	NO	Yes	NO	Yes	Yes	Pruthi Dewalkar
43.	Bhagyashri Ramteke	Yes	NO	NO	NO	Yes	NO	Yes	NO	NO	NO	Bhagyashri Ramteke
44.	Yugandhara S. Chavhan	Yes	NO	Yes	NO	NO	NO	Yes	NO	NO	NO	Yugandhara S. Chavhan
45.	Tegashree A. Nirastkar	Yes	NO	NO	NO	Yes	NO	Yes	NO	NO	NO	Tegashree A. Nirastkar
46.	Namita K. Dharamkar	Yes	NO	NO	NO	Yes	NO	Yes	NO	NO	NO	Namita K. Dharamkar
47.	Samiksha R. Jirade	Yes	NO	Yes	NO	Yes	NO	Yes	NO	Yes	Yes	Samiksha R. Jirade
48.	Dipti A. Fale	Yes	NO	NO	NO	Yes	NO	Yes	NO	Yes	Yes	Dipti A. Fale
49.	Aditi . J. Mungle	Yes	NO	NO	NO	Yes	NO	Yes	NO	NO	Yes	Aditi . J. Mungle
50.	Yamini B. Desai	Yes	NO	NO	NO	NO	NO	Yes	NO	NO	NO	Yamini B. Desai
51.	Suraj . S. Sankar	Yes	Yes	NO	NO	NO	NO	Yes	NO	Yes	NO	Suraj . S. Sankar
52.	Adarsh G. Kulkarni	Yes	Yes	NO	Yes	NO	NO	Yes	Yes	NO	NO	Adarsh G. Kulkarni
53.	Vaishnav V. Koyadwar	NO	NO	NO	NO	NO	NO	Yes	NO	Yes	Yes	Vaishnav V. Koyadwar
54.	Aditya . V. Alekhkar	NO	NO	NO	NO	NO	NO	NO	NO	Yes	Yes	Aditya . V. Alekhkar
55.	Pratik P. Ingole	Yes	NO	Yes	NO	Yes	NO	Yes	NO	Yes	Yes	Pratik P. Ingole
56.	Ganesh S. Madavi	NO	NO	NO	NO	NO	NO	Yes	NO	NO	Yes	Ganesh S. Madavi
57.	Piyush D. Thakare	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Piyush D. Thakare
58.	Ashwin B. Sapatkar	NO	NO	NO	NO	NO	Yes	NO	NO	NO	NO	Ashwin B. Sapatkar
59.	Sanket . A. Balawar	Yes	NO	NO	NO	Yes	NO	NO	NO	NO	Yes	Sanket . A. Balawar
60.	Shubendra . R. Gauram	NO	NO	Yes	Yes	NO	NO	NO	NO	NO	NO	Shubendra . R. Gauram
61.	Panag . T. Dhapte	Yes	NO	Yes	NO	NO	NO	Yes	NO	Yes	NO	Panag . T. Dhapte
62.												
63.												
64.												
65.												
66.												
67.												



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

DEPARTMENT OF PHYSICS

Bridge Course Completion Test

SESSION: 2022-2023

B.Sc. III (Sem-V)

Date: 19/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1.	Sonal P. S. Nikhade	NO	Yes	NO	Yes	NO	Yes	NO	Yes	Yes	Yes	<u>Sonal P. S. Nikhade</u>
2.	Tayashri D. Gabade	NO	yes	yes	yes	NO	Yes	yes	NO	Yes	yes	<u>Tayashri D. Gabade</u>
3.	khushi. C. Burge	Yes	NO	Yes	Yes	Yes	Yes	NO	NO	Yes	NO	<u>Khushi C. Burge</u>
4.	Rameshwarai T. Surpara	Yes	NO	Yes	Yes	Yes	Yes	NO	Yes	Yes	NO	<u>Rameshwarai T. Surpara</u>
5.	Paolina R. Yadav	Yes	NO	Yes	Yes	Yes	Yes	NO	NO	Yes	NO	<u>Paolina R. Yadav</u>
6.	Prathishta R. Dhavale	Yes	NO	Yes	Yes	Yes	NO	NO	Yes	Yes	NO	<u>Prathishta R. Dhavale</u>
7.	Nandini S. Korkande	yes	NO	yes	yes	yes	NO	yes	yes	NO	yes	<u>Nandini S. Korkande</u>
8.	Shubhangi S. Nirode	yes	NO	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	<u>Shubhangi S. Nirode</u>
9.	Bhavika A. Kumbhkar	YES	YES	YES	YES	YES	NO	NO	YES	YES	YES	<u>Bhavika A. Kumbhkar</u>
10.	Parvati S. Duratkar	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	NO	Yes	<u>Parvati S. Duratkar</u>
11.	Amisha K. Jogi	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	<u>Amisha K. Jogi</u>
12.	Pooja S. Nikse	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	<u>Pooja S. Nikse</u>
13.	ROHINI B. Jadhav	Yes	Yes	Yes	NO	Yes	Yes	Yes	NO	Yes	Yes	<u>Rohini B. Jadhav</u>
14.	Khushi C. Yadav	Yes	Yes	NO	Yes	NO	Yes	Yes	Yes	Yes	Yes	<u>Khushi C. Yadav</u>
15.	Sumit S. Hirwar	yes	NO	yes	yes	yes	NO	yes	yes	yes	yes	<u>Sumit S. Hirwar</u>

Prinicipal  
Sardar Patel Mahavidyalaya  
Chandrapur

Urvashi B. Jadhav  
Department of Physics



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
16.	Payal Bankar	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Payal
17.	Nandini Dikay.	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Nandini
18.	Pratik M. Patil	Yes	No.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pratik
19.	Samruddhi H. Patil	No	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Samruddhi
20.	Shruti N. Shikhanday	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Shruti
21.	Shamrani B. Makode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Shamrani
22.	Shruti S. Inasekar	yes	yes	yes	yes	yes	NO	yes	NO	yes	yes	Shruti
23.	Mikita V. Lachar	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Mikita
24.	Shrutika Shenoi	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Shrutika
25.	Aarohi D. Wadgaonkar	yes	yes	yes	yes	yes	yes	NO	yes	yes	yes	Aarohi
26.	Nandhika R. Sherkar	yes	yes	yes	yes	no	yes	yes	yes	yes	no	Nandhika
27.	Nikhil N. Adkiche	yes	yes	yes	yes	no	yes	NO	yes	yes	yes	Nikhil
28.	Papita S. Thare	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Papita
29.	Anyshti V. Makode	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Anyshti
30.	Pragy B. Sandekar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pragy
31.	Rohit P. Wadhvani	yes	yes	yes	yes	yes	No	yes	yes	No	yes	Rohit
32.	Abhishek V. Torade	yes	yes	yes	yes	yes	NO	yes	yes	yes	yes	Abhishek
33.	Karan S. Asutkar	yes	yes	yes	yes	yes	yes	NO	NO	yes	yes	Karan
34.	Karan Umangdadas	yes	yes	yes	no	yes	yes	NO	yes	yes	yes	Karan
35.	Pratik Wadgaonkar	yes	yes	yes	yes	no	yes	yes	yes	yes	yes	Pratik
36.	Abhinav Komarpant	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Abhinav
37.	Pranali Kale	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pranali
38.	Shubham Garghate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Shubham
39.	Yash Mafke	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yash
40.	Sujay Shastri	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sujay
41.	Pratik Singh	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Pratik



Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
42.	Paarthna Devalkar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Paarthna
43.	Bhagyashri Ramtatre	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Bhagyashri
44.	Naghadachavan.S.Sharma	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Naghadachavan
45.	Tesfayme A.N.Proskar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Tesfayme
46.	Namita K. Dharamkar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Namita
47.	Samiksha R. Jirade	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Samiksha
48.	Dipti A. Fale	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Dipti
49.	Aditi . I. Mungle	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Aditi
50.	Yamini B. Daswangan	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yamini
51.	Shrey . S . Sankar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Shrey
52.	Adarsh . G. Kajale	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Adarsh
53.	Naishnav.V. Kopardwar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Naishnav
54.	Aditya . N. Oshkhar	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Aditya
55.	Pratik P. Ingole	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pratik
56.	Ganesh.S. Madavi	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Ganesh
57.	Piyush D. Thakur	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Piyush
58.	Arjun Bhimrao Saparkar	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Arjun
59.	Sanket . A. Bawane	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Sanket
60.	Shalishku. R. Gauram	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	Shalishku
61.	Patay I. DHADTE	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	Patay
62.												
63.												
64.												
65.												
66.												
67.												

*[Signature]*

Principal  
Gandhar Patil Mahavidyalaya  
Chandrapur

Urvashi P. Manik  
Head  
Department of Physics  
G.P. College, Chandrapur

## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Theory

Date:13/10/2022

Name of Lecturer: Prof. Mitali N. Sarkar

S.N.	Name of Student	Signature
1	ROHINI B. JALME	
2	Nikita V. Lachhe	
3	Mayuri Wadolkar	
4	Shreudani A. Makode	
5	Shrushti T. Telang	
6	Shrueti S. Wastekar	
7	Jayashri D. Babade	
8	POOJA S. PAUL	
9	Shrushti N. Shende	
10	Samrudhhi H. Adkine	
11	Dipali M. Jangalwar	
12	Shraddha P. Brambhanekar	
13	Rameshwari T. Supam	
14	Sonali S. Nikhade	
15	Nandini S. Lokhande	
16	Simran Jahan	
17	Khyshbu C. Yadav	
18	Popica R. Yadav	
19	Neha T. Khan	
20	Aachal U. Gedam	
21	Vanshita R. Sherkar	
22	Khushi C. Buge	
23	Tanhai M. Dewekar	
24	Yogini R. Jethe	
25	Pratiksha R. Dhakate	



S.N.	Name of Student	Signature
26	Amishi V. Makode	<u>Makode</u>
27	Vaishnavi R. Zabe	<u>Zabe</u>
28	Zoya P.B. Phirkh	<u>Phirkh</u>
29	Bhavika. A. Kumbhare	<u>Kumbhare</u>
30	Pooja S. Nikure	<u>Nikure</u>
31	Papita S. Thare	<u>Thare</u>
32	Tanushri R. Thakur	<u>Thakur</u>
33	prajakta S. Duvalkar	<u>Duvalkar</u>
34	pooja B. Sondkar	<u>Sondkar</u>
35	shubhi N. Shikardar	<u>Shikardar</u>
36	Yamini D. Dewangan	<u>Dewangan</u>
37	Bharati S. Thengane	<u>Thengane</u>
38	Penutha S. Dewaikar	<u>Dewaikar</u>
39	Bhagyashri J. Ramteke	<u>Ramteke</u>
40	Tefashree A. Niraskar	<u>Niraskar</u>
41	Shweta S. Tembhurne	<u>Tembhurne</u>
42	Sakshi D. Dewale	<u>Dewale</u>
43	Rajshree D. Pachare	<u>Pachare</u>
44	Abhishek V. Thakre	<u>Thakre</u>
45	sravya S. Sankar	<u>Sankar</u>
46	darsh G. Kulkarni	<u>Kulkarni</u>
47	Vaishnav V. Koyadwar	<u>Koyadwar</u>
48	Pratik P. Ingole	<u>Ingole</u>
49	Aditya V. Othkar	<u>Othkar</u>
50	Nikhil B. Balki	<u>Balki</u>
51	Abhinav Koshappaewar	<u>Koshappaewar</u>
52	Karan S. Asutkar	<u>Asutkar</u>
53	Sumit Hiwarkar	<u>Hiwarkar</u>
54	Bhavesh M. Karadbhujc	<u>Karadbhujc</u>
55	shalindkar R. Goutam	<u>Goutam</u>
56	Piyush Thakre	<u>Thakre</u>
57	ketan F. Umargundawar	<u>Umargundawar</u>
58	YASH A. Sarpole	<u>Sarpole</u>
59	Ganesh S. Mudavi	<u>Mudavi</u>
60	Abhishek H. Toradi	<u>Toradi</u>

11





SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Practical

Date:13/10/2022

Name of lecturer: Dr. U. P. Manik

Prof. M. N. Sarkar

S.N.	Name of Student	Signature
1)	Sonal. S. Sarkar	
2)	Rameshwasi T. Surpan	
3)	sonali. S. Nikhade	
4)	Pratiksha R. Dhukate	
5)	khushi. C. Durye	
6)	Yayini. De the	
7)	Jankhvi Deskar	
8)	Vaishnavi R. Zabe	
9)	Anushri V. Makode	
10)	Bhavika. A. Kumbhate	
11)	Zoya P.B. Shirke	
12)	Taruni	
13)	Nikita R. Adkine	
14)	Jachal. V. Uedome.	
15)	Vanshita. R. Sheeki	
16)	Amisha K. Toji	
17)	Shruti G. Shenle	
18)	Abhishek V. Thakre	
19)	Shubham. B. Son	
20)	Aniket. A. Singh	
21)	Abhishek. H. Totadi	
22)	Abhinay. A. Karkoppulwar	
23)	Khushi V. Shende	

Urvashi P. Manik  
 Head  
 Department of Physics  
 S.P. College, Chandrapur





## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Theory

Date:14/10/2022


Name of Lecturer: Dr. Urvashi P. Manik

S.N.	Name of Student	Signature
1.	chandani J. sahu	
2.	Priya . S. Sankar	
3.	Abhishek V. Thakre	
4.	Srujan . S. Sarkar	
5.	Natasha . K. Kulkarni	
6.	Vaishnav . Y. Koyadwar	
7.	Pratik P. Ingole	
8.	Aditya . V. Alekhwar	
9.	Nikhil B. Balki	
10.	Karan S. Asutkar	
11.	Bhavesh . M. Karadbhujis	
12.	Abhinav . A. Kulkarni	
13.	Sumit . S. Hivarkar	
14.	YASH A. Sorele	
15.	Gunesh . S. Madani	
16.	Ketan P. Umare	
17.	Rohit P. Walunjwar	
18.	Abhishek . H. Totadi	
19.	Shailendra . R. Gauram	
20.	Piyush Thakre	
21.	Pooja B. Sandekar	
22.	Shruti N. Shikharde	
23.	Prajakta S. Dwetkar	
24.	Vaishnavi R Zobe	

Urvashi P. Manik  
 Head  
 Department of Physics  
 S.P. College, Chandrapur



S.N.	Name of Student	Signature
25	Zoya P.B Sheikh	Zoya
26	Anushka Makode	Anushka
27	Bhauika A. Kumbhakar	Bhauika
28	Pooja S. Nikhale	Pooja
29	Vanshika R. Sherkar	Vanshika
30	Aachal V. Gadgil	Aachal
31	Janhavi M. Deshpande	Janhavi
32	Yogini R. Detha	Yogini
33	Khushi C. Dunge	Khushi
34	Parthiv R. Dhule	Parthiv
35	Krushbu C. Yadav	Krushbu
36	Pooja R. Yadav	Pooja
37	Nehal I. Khun	Nehal
38	Syad S. Fursuwal	Syad
39	Yamini D. Dewanganam	Yamini
40	Bhacati S. Tringano	Bhacati
41	Shubha S. Kulkarni	Shubha
42	Rohini B. Tulme	Rohini
43	Shreerani A. Makode	Shreerani
44	Nikita Lokhe	Nikita
45	Srushti Telang	Srushti
46	Mayuri Wadolkar	Mayuri
47	Nandini S. Lokhande	Nandini
48	Rahul B. Giralkar	Rahul
49	Amol N. Barapatre	Amol
50	Pratika A. Datarlekar	Pratika
51	Humanshu H. Babale	Humanshu
52	Rameshwari T. Surpuri	Rameshwari
53	Sonali S. Nikhale	Sonali
54	Khushi V. Shende	Khushi
55	Shruti G. Shende	Shruti
56	Preritha S. Dewaikar	Preritha
57	Bhagyashri J. Ramteke	Bhagyashri
58	Tejaswari A. Nivrakar	Tejaswari
59	Sakshi D. Dewale	Sakshi

  
 Urvashi Manik  
 Head  
 Department of Physics  
 S.P. College, Chandrapur







## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

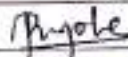
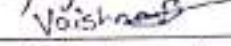
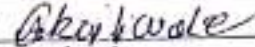





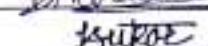
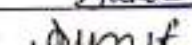
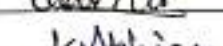
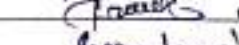
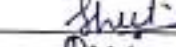
SESSION- 2022-2023

B.Sc. III (Sem-V) Theory

Date:15/10/2022

Name of lecturer: Dr. Sanjay P. Ramteke



S.N.	Name of Student	Signature
1.	Pratik P. Ingole	
2.	Vaishnav. V. Koyadwar	
3.	Adarsh & Kulkarni	
4.	Suraj. Sankar	
5.	Abhishek V. Thakre	
6.	Abhishek H. Totadi	
7.	Rohit P. Walunjwar	
8.	Ketan F. Umaregundawar	
9.	Piyush D. Thakur	
10.	Shailendra R. Gauteam	
11.	Aditya N. Oltwar	
12.	Nikhil B. Balki	
13.	Bhavesh M. Karadkhujje	
14.	Karan S. Asutkar	
15.	Sumit S. Hiwarkar	
16.	Abhinav A. Karkoppulwar	
17.	Amol N. Banapatre	
18.	Humanshu H. Bobade	
19.	Pratik A. Dabarkar	
20.	Ganesh S. Madani	
21.	YASH A. Sankar	
22.	Shailendra R. Gauteam	
23.	Shruti N. Shikandam	
24.	Pooja B. Sankar	



S.N.	Name of Student	Signature
25.	prajakta . S. Duralkar	<u>Prajakta</u>
26	Papita S. Thare	<u>Papita</u>
27	Tanushri R. Thakur	<u>Tanushri</u>
28	Pooja . S. Nikune	<u>Pooja</u>
29	Bhavika . A. Kumbhare	<u>Bhavika</u>
30	Zoya P. B. Mirkh	<u>Zoya</u>
31	Vaishnavi R. Xobe	<u>Vaishnavi</u>
32	Anushri V. Makode	<u>Anushri</u>
33	Janhavi M. Deskar	<u>Janhavi</u>
34	Yogini R. Detha	<u>Yogini</u>
35	khushi C. Duge	<u>Khushi</u>
36	pratiksha R. Dhawchate	<u>Pratiksha</u>
37	Vanshita . R. Sheeki	<u>Vanshita</u>
38.	Aachal . U. Giedam .	<u>Aachal</u>
39.	Pooja . R. Yadav	<u>Pooja</u>
40	khushbu . C . yadav	<u>Khushbu</u>
41.	Neha . J. Khan	<u>Neha</u>
42.	Nandini . S. Lokhande	<u>Nandini</u>
43.	simran . Jahan	<u>Simran</u>
44.	Rameshwari . T. Surpan	<u>Rameshwari</u>
45.	sonali S. Nikhade	<u>Sonali</u>
46.	sumruddhi H. Adkine	<u>Sumruddhi</u>
47.	Dipali M. Jaiswal	<u>Dipali</u>
48.	Shruddha P. Baidamkar	<u>Shruddha</u>
49	pooja . S. Pat	<u>Pooja</u>
50	Jayashri D. Bobade	<u>J. Bobade</u>
51	Shruti In. Shende	<u>Shruti</u>
52	ROHINI B. Jume	<u>Rohini</u>
53	Nikita V. Lode	<u>Nikita</u>
54	Mayuri P. Wadaskar	<u>Mayuri</u>
55	Shruti A. Makode	<u>Shruti</u>
56)	Shweta T. Telang	<u>Shweta</u>
57)	Shweta S. Wastkar	<u>Shweta</u>
58)	Sakshi D. Dewale	<u>Sakshi</u>
59)	Rajshree D. Pachare	<u>Rajshree</u>



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Practical

Date:15/10/2022

Name of lecturer: Prof. M. N. Sarkar

Prof. P. S. Gorghate

S.N.	Name of Student	Signature
	Pruntha S. Dewalkar	Pruntha
	Shailendra R. Gautekar	Shailendra
	Sumit S. Hiwaskar	Sumit
	Shweta S. Inasekar	Shweta
	Pooja B. Sandekar	Pooja
	Pratyaksh S. Dwetkar	Pratyaksh
	Papita S. Thare	Papita
	Tanushri R. Thakur	Tanushri
	Shruti N. Shikarday	Shruti
	Samsuddhi Adkine	Samsuddhi

*(Handwritten mark)*

*(Signature)*



## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Theory

Date:17/10/2022

Name of lecturer: Dr. Urvashi P. Manik

S.N.	Name of Student	Signature
1	Prerutha .S. Dewalkare	Prerutha
2	Bhagyashri .J. Ramteke	Bhagyashri
3	Tejashree .A. Niaskar	Tejashree
4	Shweta .S. Tembhurne	Shweta
5	Sakshi .D. Dewale	Sakshi
6	Rajshree .D. Pachare	Rajshree
7	Srushti .C. Telang	Srushti
8	Nikita .V. Jodha	Nikita
9	Mangur .P. Meelaskar	Mangur
10	Rohini .B. Julme	Rohini
11	Shrawari .A. Makode	Shrawari
12	Shweta .S. Wasekar	Shweta
13	Bharati .S. Thengane	Bharati
14	Yamini .D. Dewangan	Yamini
15	Pooja .B. Sandokare	Pooja
16	Shruti .N. Shikardar	Shruti
17	Prajakta .S. Quatkar	Prajakta
18	Papita .S. Thare	Papita
19	Tanushri .R. Thakur	Tanushri
20	Paaja .S. Nikure	Paaja
21	Bhavika .A. Kumbhare	Bhavika
22	Zoya .A.B. Thakur	Zoya
23	Vaishnavi .R. Zote	Vaishnavi

Urvashi P. Manik  
Head  
Department of Physics  
Sardar Patel Mahavidyalaya Chandrapur

S.N.	Name of Student	Signature
24	Anushri V. Makode	
25	Aarhal. U. Gedam.	
26	Vanshita. R. Sheski	
27	Khushi. C. Durge	
28	Tanhai. M. Dewkare	
29	Yogini. R. Detha	
30	Pratiksha. R. Dhakale	
31	Amal N. Barampatre.	
32	Humanshy H. Bobade	
33	Pratik A. Dohalga.	
34	Abhinay. A. Kaskapalwad	
35	Sumit. S. Hiwaskar	
37	Y.S.H.A. Sreela	
38	Ganesh. S. Madari	
37	Tanhai. M. Dewkare	
38	Yogini. R. Detha	
39	Khushi. C. Durge	
39	Pratiksha. R. Dhulchate	
41	Neha. T. Khan	
42	Pooja. R. Yadav	
43	Khushbu. C. Yadav	
44	Sonam. Jahan	
45	Nandini. S. Lokhande	
46	Sonali. S. Nikhade	
47	Rameshwari. T. Sursam	
48	Shradha. P. Bramhankar	
49	Nipali. M. Jaiswal	
44	Sumrudhvi. H. Adkine.	
46	Jayashri. D. Bobade	
46	Pooja. S. Paul	
47	Shruti. G. Shende	
48	Abhishek. V. Thakre	
49	Suraj. S. Sarkar	

**Urvashi P. Manik**  
Head  
Department of Physics  
S.A. College Chandrapur







## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Practical

Date:17/10/2022

Name of lecturer: Dr. U. P. Manik

Prof. M. N. Sarkar

S.N.	Name of Student	Signature
1.	Tefashree A. N. Kulkarni	
2.	Bhagyashri J. Ramteke	
3.	Dipati M. Jagtap	
4.	srushti C. Telang	
5.	Nikita V. Ladhe	
6.	Mayuri P. Wadolkar	
7.	Shrawani A. Markode	
8.	Sakshi D. Dewale	
9.	Rajshree D. Pachare	
10.	Shweta S. Tembhurne	
11.	Priya S. Sarkar	
12.	Chandni. Sahu	
13.	Yamini B. Dewangan	
14.	Vaishnav. V. Koyadwar	
15.	Pratik P. Jogle	
16.	Nikhil B. Borki	
17.	Ganesh. S. Madavi	
18.	Adarsh. Y. Kulkarni	
19.	Aditya V. Aletiwar	
20.	YASH-A. Senele	
21.	Bhavesh. M. Kanadbhuj	
22.	Payal P. Bankar	
23.	Somiksha R. Jiwade	

Urvashi P. Manik  
 Head  
 Department of Physics  
 S. P. College Chandrapur



SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Theory

Date:18/10/2022

Name of lecturer: Prof. M. N. Sarkar

S.N.	Name of Student	Signature
1.	Sonali Sudhakar Nikhade	Sonali
2.	Jayashri D. Bobade	J. Bobade
3.	Rameshwari T. Susparam	Susparam
4.	Khushi C. Dusege	Dusege
5.	Pratishtha Raju Dhakate	Dhakate
6.	Pooja R. Yadav	Yadav
7.	Bhavika A. Kumbhase	Kumbhase
8.	Anushri V. Makode	Makode
9.	Pooja B. Sandekar	Pooja
10.	Pratiksha S. Durattkar	Pratiksha
11.	Shruti G. Shende	Shende
12.	Aneha V. Gedam	Gedam
13.	Vanshita R. Sheski	Sheski
14.	Papita S. Thera	Thera
15.	Shruti N. Shikandae	Shruti
16.	Samsuddhi H. Adkine	Adkine
17.	Shrawani A. Makode	Makode
18.	Shweta S. Wasekar	Shweta
19.	Nikita V. Wadhe	Wadhe
20.	Payal Bankar	Bankar
21.	Nandini Ukey	Ukey
22.	Namita Dhamankar	Dhamankar
23.	Samiksha Jiwade	Jiwade

*[Handwritten mark]*

*[Handwritten mark]*





## SARDAR PATEL MAHAVIDYALAYA CHANDRAPUR

## DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Practical

Date:18/10/2022

Name of lecturer: Dr. U. P. Manik

Prof. M. N. Sarkar

S.N.	Name of Student	Signature
01	Payal Bankar	Payal
2	Nandini S. Ukey	Nandini Ukey
3	Samiksha R. Jitode	Jitode
4	Namita K. Dhamankar	Namita
5	Yamini D. Deoangan	Yamini
6	Aditi. J. Mungle	Aditi
7	Dipti A. Fale	Dipti
8	Anchal B. deni	Anchi
9	Dipali M. Gargelwar	Dipali
10	Bhavesh. M. Haradbhuj	Bharadbhuj
11	Adarsh. Ganesh. Rajhade	Akashhade
12	Ganesh. S. Madari	Ganesh
13	Arun Dhimrao Sopankar	Sopankar
14	Piyush Dadaji Thakare	Thakare
15	Bhagyashri Sitendra Ramteke	Bhagyashri
16	Tejashree Anurao Niraskar	Niraskar

A →

  
 Urvashi P. Manik  
 Head  
 Department of Physics  
 Sardar Patel Mahavidyalaya Chandrapur



SARDAR PATEL MAHAVIDHYALAY, CHANDRAPUR  
BRIDGE COURSE- PREVIOUS KNOWLEDGE PAPER  
SESSION-2022-2023  
M.Sc. I (SEM I)

Paper I - MATHEMATICAL PHYSICS

1. Do you know about the gradient?
2. Do you know about the divergence?
3. Do you know about the Curl?
4. Do you know about how to calculate gradient, divergence, Curl?
5. Do you know what are the physical meaning of gradient
6. Do you know what are the physical meaning of divergence and Curl
7. Do you know what is mean by Fourier series?
8. Do you know the properties of Fourier series?
9. Do you know the Fourier Coefficients?
10. Do you know about the how to calculate Fourier series for  $f(x) = \begin{cases} x \text{ for } -\frac{\pi}{2} < x < \frac{\pi}{2} \\ (\pi - x) \text{ for } \frac{\pi}{2} < x < \frac{3\pi}{2} \end{cases}$

Paper II - COMPLEX ANALYSIS

- 1) Do you know about significant figure?
- 2) Do you know round off procedure?
- 3) Do you know how to calculate percentage error?
- 4) Do you know any method for determination of root of the given equation?
- 5) Do you know the concept of interpolation?
- 6) Do you know the concept of interpolation and extrapolation?
- 7) Do you know the finite difference?
- 8) Do you know the types of finite difference?
- 9) Do you know the difference between significant figures and decimal figures?
- 10) Do you know what is decimal figure?

PAPER III - ELECTRONICS

- 1) Do you know about binary number system?
- 2) Do you know about logic gates and their different types?
- 3) Do you know the symbol of all logic gates (i.e. AND, OR, NOT, NAND, NOR, EX-OR & EX-NOR)?
- 4) Do you know what transistors are and what are their types?
- 5) Do you know the terminal of transistors and their working?
- 6) Do you know what the function of transistor is?
- 7) Do you know what is Flip-Flop and what are their types?
- 8) Do you know basic idea about rectifier?
- 9) What is silicon controlled rectifier and their function?
- 10) Do you know about semiconductor?

PAPER IV - ELECTRODYNAMICS-I

- 1) Do you know what is potential gradient and its SI unit?
- 2) Do you know electric potential is a scalar or vector quantity?
- 3) Do you know what formula of magnetic potential is?
- 4) Do you know SI units of Coulomb's law?
- 5) Do you know what factor affects Coulomb's law?
- 6) Do you know what proportionality constant is (K)?
- 7) Do you know what flux is?
- 8) Do you know where is Coulomb's law used for?
- 9) Do you know how to find charge distribution?
- 10) Do you know what are the three types of charge distribution with their formula?




**SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**  
**P. G. DEPARTMENT OF PHYSICS**  
**BRIDGE COURSE TIME TABLE**  
**,SESSION: 2022-2023**

**M.Sc. I (Sem-I)**

Day	Date	Time	Name of Teacher	Syllabus
Thursday	13/10/2022	07:30AM-10:00AM	P.R Sonune Dr. V. C. Thakre	Familiarization with different devices used in electronics practical.
		10:10AM-12:40PM	P.R.Sonune P.S. Ghubde P.L. Mishra	Introduction to Logic gates and other active and passive devices. Introduction to Electrodynamics, concept of Electric potential and Magnetic potential. Introduction to significant figures, rounding off procedures and examples based on it.
Friday	14/10/2022	07:30AM-10:00AM	P.R. Sonune	Construction of different logic gates using IC's on bread board.
		10:10AM-12:40PM	P.R.Sonune P.S. Ghubde P.L. Mishra	Concept of transistor (PNP and NPN) and its applications along with characteristics. Explanation of Coulombs law with charge distribution concept. Methods for determination of root of the given function.
Saturday	15/10/2022	07:30AM-10:00AM	P.R.Sonune	Construction of different logic gates using Transistor on bread board.
		10:10AM-12:40PM	P.R.Sonune P.S. Ghubde P.L. Mishra	Introduction to Flip-Flop with its different types. Explanation of Gauss law (Differential and Integral form). Concept of Interpolation and extrapolation, finite differences and its types.
Monday	17/10/2022	07:30AM-10:00AM	S.K. Bachche P.S. Ghubde P.R. Sonune	General idea about divergence, gradient and curl. Various application of gauss law with examples. Construction, Working and Characteristics of Silicon Controlled Rectifier.
		10:10AM-12:40PM	P.S. Ghubde	Construction of various Flip-Flop on bread board with IC's.
Tuesday	18/10/2022	07:30AM-10:00AM	P.S. Ghubde S.K. Bachche P.R. Sonune	Concept and derivation of Poissons and Laplace equations in ED. Concept of Fourier Series and its numerical. Introduction to diode and its type (PN junction diode, Schotkey Diode, Tunnel and MOS diode).
		10:10AM-12:40PM	P.S. Ghubde	Construction of regulated and unregulated power supply using different electronic devices.

  
**Principal**  
**Sardar Patel Mahavidyalaya**  
**Chandrapur**

  
**(Dr. Urvashi P. Manik)**  
**Urvashi P. Manik**  
 Head, Department of Physics,  
 Sardar Patel Mahavidyalaya, Chandrapur.  
 Department of Physics  
 S.P College, Chandrapur





Paper - I  
Mathematical physics

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

BRIDGE COURSE (SESSION: (2022-2023))

Previous Knowledge Based Test

M. Sc. I SEM. I

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	No	No	No	Yes	No	Yes	No	No	No	No	Amit
2	ANJALI L. BANWADE	Yes	No	No	No	No	No	No	Yes	No	No	Anjali
3	CHITANA S. DHAWAS	No	No	No	Yes	No	No	Yes	No	No	No	Chitana
4	DURGA D. BHOJEKAR	Yes	Yes	No	No	No	No	No	No	No	No	Durga
5	MAHIMA K. CHOUDHARI	Yes	No	No	No	No	No	No	Yes	No	No	Mahima
6	MONALI D. LONBALE	Yes	No	No	No	No	No	No	No	No	No	Monali
7	NALINI S. RAUT	Yes	Yes	No	Yes	No	No	No	No	No	No	Nalini
8	NIRBHAY V. WANI	No	No	No	Yes	No	No	No	No	No	No	Nirbhay
9	RIVA S. TUMRAM	No	No	No	Yes	No	No	No	No	No	Yes	Riva
10	SADAF N. ANSARI	No	No	No	Yes	No	No	No	No	No	Yes	Sadaf
11	SAKSHI S. URKUDE	No	Yes	No	No	No	Yes	No	No	No	No	Sakshi
12	SAMIKSHA R. DONGE	No	No	No	No	No	No	No	Yes	No	Yes	Samiksha
13	SANDEEP G. RAI	No	No	No	Yes	No	No	No	No	No	No	Sanjeev
14	SHRUTI R. DHOKE	No	No	No	No	Yes	No	No	No	No	No	Shruti
15	SNEHA P. KAMBLE	No	No	Yes	No	No	Yes	No	No	No	No	Sneha
16	SWATI N. WADGHANE	No	No	No	Yes	Yes	No	No	Yes	Yes	No	Swati
17	TEJASWINI G. PARCHARE	No	No	Yes	No	No	No	No	No	Yes	No	Tejaswini
18	VEDANT K. CHICHAMKAR	No	No	No	No	Yes	No	No	No	No	Yes	Vedant
19	VIKAS S. HUADKAR	No	Yes	No	No	No	Yes	No	No	No	No	Vikas
20	VINAY S. DAWAR	No	No	No	No	No	No	Yes	No	No	No	Vinay
21	SHRILEKHA S. MUTYALA	No	Yes	No	No	No	No	No	No	No	No	Shrilekha
22	MANISHA S. GAJELA	No	No	Yes	No	No	No	No	No	No	No	Manisha
23	KEDAR SEWARIS HAYALWAR	No	No	No	No	Yes	No	No	No	No	Yes	Kedar
24	ANJALI B. GUDPALLE	No	No	Yes	No	No	No	No	No	No	No	Anjali
25	NEELI M. PUNDOR											
26	JAYSHRI D. TIKDE	No	No	No	No	No	No	No	No	No	No	Jayshri

(S.K. Bacheche)

Sardar Patel Mahavidyalaya  
Chandrapur

Dr. P. Manik  
Head, Department of Physics  
S.P. College, Chandrapur



Paper - II  
Complex Analysis & Numerical Method  
Previous Knowledge Based Test

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
BRIDGE COURSE (SESSION: (2022-2023))  
M. Sc. I SEM.I

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	No	No	No	No	No	No	No	No	No	No	Amit
2	ANJALI L. BANWADE	Yes	No	Yes	No	No	No	No	No	No	No	Pranav
3	CHIYANA S. DHAWAS	No	No	No	Yes	No	No	Yes	No	No	No	Pranav
4	DURGA D. BHODEKAR	No	No	Yes	No	Yes	No	No	No	No	No	Pranav
5	MAHIMA K. CHOUDHARI	No	No	No	No	Yes	No	No	No	No	Yes	Pranav
6	MONALI D. LONBALE	No	No	No	No	Yes	No	No	No	No	No	Pranav
7	NALINI S. RAUT	No	No	Yes	No	Yes	No	No	No	No	No	Pranav
8	NIRBHAY V. WANI	No	No	No	No	No	Yes	No	No	No	No	Noan
9	RIYAS. T. MIRAM	No	No	No	No	No	Yes	No	No	No	No	Pranav
10	SADAF N. ANSARI	No	No	No	No	No	Yes	No	No	No	No	Pranav
11	SAKSHI S. URKUDE	No	No	Yes	No	No	No	No	No	No	No	Pranav
12	SAMIKSHA R. DUNGE	No	No	No	Yes	No	No	No	No	No	Yes	Pranav
13	SANDEEP G. RAI	No	Yes	No	No	No	No	No	No	No	No	Pranav
14	SHRUTI R. DHOKE	No	No	No	No	No	Yes	No	No	No	No	Pranav
15	SNELIA P. KAMBLI	No	No	No	No	Yes	No	No	No	No	No	Pranav
16	SWATI N. WADGHANE	No	No	Yes	Yes	No	No	Yes	Yes	No	No	Pranav
17	TEJASWINI G. PARCHANE	No	Yes	No	No	No	No	No	No	No	Yes	Pranav
18	VEDANIKI S. BHASKAR	No	No	No	No	Yes	No	No	No	No	Yes	Pranav
19	VIKAS S. BHADKAR	Yes	No	No	No	No	No	No	No	No	No	Vikas
20	VINAY S. DAWAR	No	No	No	No	No	Yes	No	No	No	No	Dawar
21	SHRUTI KHANSAVI TYATA	No	No	Yes	No	No	No	No	No	No	No	Shruti
22	MANISHA S. GAJELA	Yes	No	No	No	No	No	No	No	No	No	G. Manish
23	NEHA S. SHIVKAR	No	Yes	No	No	No	No	No	No	No	No	Kaustubh
24	ANALI H. P. DUMALE	No	Yes	No	No	No	No	No	No	No	No	Anjali
25	SHASHI M. P. NIMHE											
26	JAY. TRIPATHI	No	No	No	No	No	No	No	No	No	Yes	Jay

(Dr. P. L. Mishra)

Sardar Patel Mahavidyalaya  
Chandrapur

Manik  
Department of Physics  
S.P. College, Chandrapur

Paper - III  
Electronics

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
BRIDGE COURSE (SESSION: (2022-2023))

Previous Knowledge Based Test

M. Sc. I SEM. I

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	No	No	No	No	No	No	No	No	Yes	No	Amit
2	ANJALI L. BANWADE	No	Yes	No	No	No	No	No	No	No	No	Anjali
3	CHITANA S. DHAWAS	Yes	No	No	No	No	No	Yes	No	No	No	Chitana
4	DURGA D. BHOJEKAR	No	No	No	Yes	No	Yes	No	No	No	No	Durga
5	MAHIMA K. CHOUDHARI	No	Yes	No	No	No	No	No	No	Yes	No	Mahima
6	MOHALI D. LONBALE	No	No	No	No	Yes	No	No	No	No	No	Mohali
7	NATINES. RAUT	No	Yes	No	No	Yes	No	No	No	No	No	Natines
8	NIRHAY V. WANI	No	No	No	No	No	No	No	No	No	No	Nirhay
9	RIYAS. H. MIRAM	No	No	No	No	No	Yes	No	No	No	No	Riyas
10	SADVI N. ANSARI	No	No	No	No	No	Yes	No	No	No	No	Sadvi
11	SAKSHI S. URKUDE	No	Yes	No	No	Yes	No	No	Yes	No	No	Sakshi
12	SAMIKSHA R. DONGE	No	No	Yes	No	No	No	No	No	No	No	Samiksha
13	SANDEEP G. RAI	No	No	No	No	No	No	Yes	No	No	No	Sandeep
14	SHRUTI R. DHOKE	No	No	No	No	No	No	No	No	No	Yes	Shruti
15	SNIHA P. KAMBLE	No	No	No	Yes	No	No	No	Yes	No	No	Snihap
16	SWATI N. WADGHANE	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Swati
17	H. JASWINAG. PARCHAKE	No	No	No	No	Yes	No	Yes	No	Yes	No	H. Jaswina
18	VISHNUP. CHIMKAR	No	No	No	Yes	No	No	No	Yes	No	No	Vishnu
19	VIKAS B. ADKAR	No	No	Yes	No	No	No	No	No	No	No	Vikas
20	VINAY S. DAWAR	No	No	No	No	No	No	No	No	No	No	Vinay
21	SHREYAS M. FYALE	Yes	No	No	No	No	No	No	No	No	No	Shreyas
22	VIKASH S. GHILLA	No	No	Yes	No	No	No	No	No	No	No	G. Manik
23	SHUBH. SIV. AGS. GYAWALE	No	No	No	No	No	Yes	No	No	No	No	H. Manik
24	ANSHU G. DEVALI	No	Yes	No	No	No	No	No	No	No	No	Anshu
25	SUSHEE. M. PATIL	No	No	No	No	No	No	No	No	No	No	Sushee
26	ANSHU G. DEVALI	No	No	No	No	No	No	No	No	No	No	Anshu

Sardar Patel Mahavidyalaya  
Chandrapur

(Dr. Urvashi P. Manik)  
Head  
Department of Physics  
Sardar Patel Mahavidyalaya  
Chandrapur



Paper IV  
Electrodynamics-I

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
BRIDGE COURSE (SESSION: (2022-2023))

Previous Knowledge Based Test

M. Sc. I SEM. I

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	No	No	No	No	No	No	No	No	No	No	Amit
2	ANJALI L. BANWADE	No	Yes	No	Yes	No	No	No	No	No	No	Anand
3	CHI TANA S. DHAWAS	No	No	No	No	Yes	No	No	No	No	Yes	Chitwan
4	DURGA D. BHOJIKAR	No	Yes	No	No	No	No	No	Yes	No	No	Durga
5	MAHIMA K. CHOUDHARI	No	No	No	Yes	No	No	No	No	Yes	No	Mahima
6	MONALI D. LONBALE	No	Yes	No	No	No	No	No	No	No	No	Monali
7	NALINI S. RAUT	Yes	No	Yes	No	No	No	No	No	No	No	Nalini
8	NIRBHAY V. WANI	No	No	No	No	No	No	No	No	No	No	Nirbhay
9	RIYAS H. MIRAM	No	No	No	No	No	Yes	No	No	No	No	Riyas
10	SADAF N. ANSARI	No	No	No	No	No	Yes	No	No	No	No	Sadaf
11	SAKSHI S. URKUDE	No	No	No	Yes	No	No	Yes	No	No	No	Sakshi
12	SAMIKSHA R. DONGE	No	No	No	No	No	Yes	No	Yes	No	No	Samiksha
13	SANDEEP G. RAI	No	No	No	No	No	No	Yes	No	No	No	Sandeep
14	SHRUTI R. DHOKE	Yes	No	No	No	No	No	No	No	No	No	Shruti
15	SNEHA P. KAMBLE	Yes	No	No	No	No	No	No	No	No	No	Sneha
16	SWATI N. WADGELANE	Yes	No	Yes	No	No	No	Yes	Yes	No	No	Swati
17	HJASWINA G. PARCHAKE	No	No	No	No	Yes	No	Yes	No	No	No	Hjaswina
18	VEDANT K. BHOJIKAR	No	Yes	No	No	Yes	No	No	No	No	No	Vedant
19	VIKAS S. HADKAR	No	No	No	No	No	No	No	No	No	No	Vikas
20	VINAY S. DAWAR	No	No	No	No	No	No	No	No	No	No	Vinay
21	SHRILEKHAS. M. TIYATA	No	No	No	Yes	No	No	No	No	No	No	Shrilekha
22	MANISHA S. GADELA	No	No	No	No	Yes	No	No	No	No	No	Manisha
23	KEDAR SIBWADIS. DAVARWAR	No	No	Yes	No	No	No	No	No	No	No	Kedar
24	ANALI B. G. DPALE	No	No	Yes	No	No	No	No	No	No	No	Anali
25	SUSHEE M. HENDOR											
26	ANSHIKA S. DHOKE	No	No	No	No	No	No	No	No	No	No	Anshika

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

(Dr. P. Manik)  
Head, Department of Physics  
Sardar Patel Mahavidyalaya  
Chandrapur



p-3  
Mathematical Physics

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
Bridge Course Completion Test (2022-2023)

M. Sc. I SEM. I

Date: 19/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	A Gondhali
2	ANJALI L. BANWADE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Banwade
3	CHETANA S. DHAWAS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Dhawas
4	DURGA D. BHOJIKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Bhojekar
5	MAHIMA K. CHOUDHARI	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Choudhari
6	MOONALI D. LONBALI	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Lonbali
7	NALINI S. RAUT	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Raut
8	NIRBHAY V. WANI	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	Wani
9	RIYAN TUMRAM	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Tumram
10	SADAF N. ANSARI	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	No	Ansari
11	SAKSHI S. URKUDE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Urkunde
12	SAMIKSHA R. DONGI	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Dongi
13	SANDEEP G. RAJ	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Raj
14	SOURI R. DIKHE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	DiKhe
15	SUJATA P. KAMBLE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Kamble
16	SWATI N. WADGHANI	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Wadghani
17	TEJASWINI G. PARCHARE	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Parchare
18	VEDANTI K. CHICHANDEKAR	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Chichanekar
19	VIKAS S. BUMBKAR	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Bumbkar
20	VINAY S. DAWAR	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Dawar
21	SHRILEKHA S. MITYALA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Mityala
22	MANISHA S. GAJELA	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Gajela
23	KEKARSHWAR S. DALALHAR	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Dalalhar
24	ANJALI B. GUOPALLE	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Guopalle
25	SUSHIL M. PENDOR											Pendor
26	JAYSHRID. TIKOE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Tikoe

(S.K. Basche)

Sardar Patel Mahavidyalaya  
Chandrapur

Department of Physics  
Chandrapur

P-1  
Complex Analysis & Numerical Methods

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
Bridge Course Completion Test (2022-2023)

Date: 19/10/2022

M. Sc. I SEM. I

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Amit Gondhali
2	ANJALI L. BANWADE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Anjali Banwade
3	CHETANA S. DHAWAS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Chetana Dhawas
4	DURGA D. BHOJEKAR	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Durga Bhojekar
5	MAHIMA K. CHOUDHARI	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Mahima Choudhari
6	MONALI D. LONBALE	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Monali Lonbale
7	NALINI S. RAUT	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Nalini Raut
8	NIRBHAY V. WANI	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Nirbhay Wani
9	RIYA S. TUMRAM	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Riya Tumram
10	SADAT N. ANSARI	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Sadat Ansari
11	SAKSHI S. URKUDE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Sakshi Urkude
12	SAMIKSHA R. DONGI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Samiksha Dongi
13	SANDEEP G. RAI	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sandeep Rai
14	SURI J. R. DHOKE	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Suri Dhoke
15	SNEHA P. KAMBLE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Sneha Kamble
16	SWATI N. WADGHANI	Yes	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	Swati Wadghani
17	TEJASWINI G. PARCHARE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Tejaswini Parchare
18	VEDANTIK CHICHMALKAR	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Vedantika Chichmalkar
19	VIKAS S. BUADKAR	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Vikas Buadkar
20	VINAY S. DAWAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Vinay Dawar
21	SHRILEKHA S. MUTYALA	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Shrilekha Mutyala
22	MANISHA S. GAJELA	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Manisha Gajela
23	KEDARESHWARI S. DEYALWAR	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Kedareshwari Deyalwar
24	ANJALI B. GUDPALLE	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Anjali Gudpalle
25	SUSHIL M. FENDOR											
26	JAYSHRE D. TIKDE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Jayshre Tikde

(Dr. P.L. Mishra)

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

Head of Physics  
Department of Physics  
Sardar Patel Mahavidyalaya  
Chandrapur



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
Bridge Course Completion Test (2022-2023)

M. Sc. I SEM. I

Date: 19/10/2022

Sl. No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	<i>Amit Gondhali</i>
2	ANJALI L. BANWADE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Anjali Banwade</i>
3	CHETANA S. DHAWAS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NO	<i>Chetana Dhawas</i>
4	DURGA D. BHOJEKAR	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes	<i>Durga Bhojekar</i>
5	MAHIMA K. CHOUDHARI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Mahima Choudhari</i>
6	MONALI D. LONBALE	Yes	Yes	Yes	NO	NO	Yes	Yes	Yes	Yes	Yes	<i>Monali Lonbale</i>
7	NALINI S. RAUT	Yes	NO	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	<i>Nalini Raut</i>
8	NIRBHAY V. WANI	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	NO	<i>Nirbhay Wani</i>
9	RIYA S. TUMRAM	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	<i>Riya Tumram</i>
10	SADAF N. ANSARI	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	<i>Sadaf Ansari</i>
11	SAKSHI S. URKUDE	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	<i>Sakshi Urkude</i>
12	SYMIKSHA R. DIONGE	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	<i>Symiksha Dionge</i>
13	SANDI P. G. RAI	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Sandi Rai</i>
14	SIRU U. R. DHOKE	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	<i>Siru Dhoke</i>
15	SNATYU P. KAMBLE	YES	NO	YES	YES	YES	YES	YES	YES	YES	YES	<i>Snatyu Kamble</i>
16	SWATI N. WAIKHEANI	Yes	Yes	Yes	Yes	Yes	No	NO	Yes	Yes	NO	<i>Swati Waikheani</i>
17	TEJASWINI G. PARULAKE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	<i>Tejaswini Parulake</i>
18	VEDANTI K. CHODHAKAR	YES	YES	YES	NO	YES	NO	YES	YES	YES	YES	<i>Vedanti Chodhakar</i>
19	VIKAS N. DAIKAR	YES	YES	YES	YES	NO	YES	YES	NO	YES	YES	<i>Vikas Daikar</i>
20	VINAYS. DAWAR	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	<i>Vinays Dawar</i>
21	SHRIREKHA S. MUTYALA	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	<i>Shrirekha Mutyala</i>
22	MANISHA S. GAJJELA	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	NO	Yes	<i>Manisha Gajjela</i>
23	KEDARSHWARI S. DANAJIWAR	Yes	Yes	Yes	NO	Yes	Yes	NO	Yes	Yes	Yes	<i>Kedarshwari Danajiwar</i>
24	ANJALI B. GUDPALLE	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	<i>Anjali Gudpalle</i>
25	SUSHIL M. PENDOR											
26	JAYSHRI D. TIKDE	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	<i>Jayshri Tikde</i>

*P. S. Patil*  
Sardar Patel Mahavidyalaya  
Chandrapur

*V. S. Patil*  
Head of Department  
Department of Physics  
Chandrapur



Paper - IV  
Electrodynamics - I

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
Bridge Course Completion Test (2022-2023)

M. Sc. I SEM. I

Date: 19/10/2022

Sl. No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	AMIT V. GONDHALI	yes	yes	yes	yes	yes	NO	yes	yes	NO	yes	A. Mulhali
2	ANJALI L. BANWADE	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	K. S. D. D. D.
3	CHITANA S. DHAWAS	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Shrawan
4	DURGAD. BHOKAR	NO	yes	yes	yes	yes	yes	yes	yes	yes	NO	Anayekar
5	MAHIMA K. CHOUDHARI	yes	yes	yes	yes	NO	yes	yes	yes	NO	yes	Pratik
6	MONALI D. LONHALLI	yes	yes	yes	yes	yes	NO	NO	yes	yes	yes	Amruti
7	NALIN S. RAUJ	yes	NO	yes	yes	NO	NO	yes	yes	yes	yes	Pratik
8	NIRBHAY V. WANI	yes	yes	NO	yes	yes	yes	yes	yes	yes	NO	Nirbhay
9	RIVAS TUMBANI	yes	yes	yes	yes	yes	yes	yes	yes	NO	yes	Ritesh
10	SADAI V. ANSARI	yes	yes	yes	yes	NO	yes	yes	yes	yes	yes	Siddhant
11	SAKSHI S. URKUDE	yes	yes	yes	yes	yes	yes	yes	yes	yes	NO	Ankush
12	SAMIKSHA R. DONGI	yes	yes	yes	yes	NO	yes	yes	NO	yes	yes	Adarsh
13	SANDEEP G. RAJ	yes	NO	yes	yes	NO	yes	yes	yes	yes	yes	Govind
14	SHRI. R. DHOKE	yes	yes	yes	yes	NO	yes	yes	yes	yes	yes	Shri
15	SNEHA P. KAMBLE	yes	yes	yes	yes	yes	NO	yes	yes	yes	yes	Shri
16	SWATI S. WADGHANI	yes	yes	yes	NO	NO	yes	yes	NO	NO	yes	Swati
17	TEJASWINI G. PARCHARE	yes	yes	yes	yes	yes	yes	yes	yes	NO	yes	Tejaswini
18	VEDANT K. CHICHMALKAR	yes	yes	yes	yes	yes	yes	NO	yes	yes	NO	Vedant
19	VIKAS B. BHOKAR	yes	yes	yes	yes	NO	yes	yes	NO	yes	yes	Vikas
20	VINAY S. DAWAR	yes	yes	yes	yes	yes	NO	yes	yes	yes	yes	Vinay
21	SHRILEKHA S. MUTYAZA	yes	yes	yes	NO	yes	NO	yes	yes	yes	yes	Shrilekha
22	NAMISHA S. GAJIJELA	yes	yes	NO	yes	yes	yes	yes	yes	yes	NO	G. Manik
23	KEDARSHWARI S. DALWAR	yes	yes	yes	NO	yes	yes	yes	yes	yes	yes	K. Dalwar
24	ANJALI B. GUDPALLE	yes	yes	yes	yes	NO	yes	yes	yes	yes	yes	Anjali
25	SUSHIL M. PFNDOR											
26	JAYSHRI D. TIRDE	yes	yes	yes	yes	yes	NO	yes	yes	yes	yes	Jayshri

Sardar Patel Mahavidyalaya  
Chandrapur

Jayshri P. Manik  
Head, Department of Physics



**SARDAR PATEL MAHAVIDHYALAY, CHANDRAPUR**  
**BRIDGE COURSE- PREVIOUS KNOWLEDGE PAPER**  
**SESSION-2022-2023**  
**M.Sc. II (SEM III)**

**Paper I - QUANTUM MECHANICS – II**

1. Do you know what is mean by Identical particles? And how they are different in Classical and Quantum mechanics?
2. Do you know what is mean by symmetric and antisymmetric wavefunction?
3. Do you know what is mean by ortho and para states in He-atom
4. Do you know what is mean by Schrodinger time independent and Schrodinger time dependent equation?
5. Do you know how Schrodinger time independent equation is applicable in one, two and three dimensional box?
6. Do you know how Schrodinger time dependent equation is applicable in one, two and three dimensional box?
7. Do you know what long form of WKB is? And where it is applicable?
8. Do you know how WKB method is applicable in perturbation theory?
9. Do you know what is mean by Zeeman Effect? And what are the types of Zeeman Effect?
10. Do you know what is the distinguish between the normal and anomalous effect?

**PAPER II – SOLID STATE PHYSICS AND SPECTROSCOPY**

- 1) Do you know what crystal is?
- 2) Do you know how crystal is formed?
- 3) Do you how crystal is made up of?
- 4) Do you how many different types of crystal are there and what are they?
- 5) Do you know what most common crystal structure is?
- 6) Do you know what the purpose of miller indices is?
- 7) Do you know how many plane lattices are there and what are those?
- 8) Do you know how to calculate miller index (hkl)?
- 9) Do you know brag's law?
- 10) Do you know what the purpose of brag's law is?

**PAPER III – ATOMIC AND MOLECULAR PHYSICS I**

- 1) Do you know the basic idea about spectroscopy?
- 2) Do you know about the different types of spectroscopy?
- 3) Do you know what the principle of spectroscopy is?
- 4) Do you know what application of spectroscopy is?
- 5) Do you know advantages and disadvantage of spectroscopy?
- 6) Do you know the phenomenon about absorption and emission?
- 7) Do you know which different types of absorption and emission occur in LASER phenomenon?
- 8) Do you know basic idea about LASER?
- 9) Do you know how many different types of laser are their?
- 10) Do you know what principle of LASER is?

**Paper IV - FUNDAMENTAL OF NANOSCIENCE AND NANOTECHNOLOGY**

1. Do you know about the difference between atomic and molecular physics?
2. Do you observe any band spectra in your life?
3. Do you know the difference between classical and quantum mechanics?
4. Do you know Schrodinger time dependent and time independent equation?
5. Do you know what is mean by density of states?
6. Do you familiar from 1D, 2D, 3D dimensional materials?
7. Do you know the semiconducting materials?
8. Do you know the types of semiconducting materials
9. Do you know about the JFET?
10. Do you know about MOSFET?



# SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

## P. G. DEPARTMENT OF PHYSICS

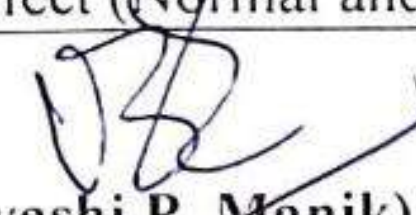
### BRIDGE COURSE TIME TABLE

SESSION: 2022-2023

#### M.Sc. II (Sem-III)

Day	Date	Time	Name of Teacher	Syllabus
Thursday	13/10/2022	07:30AM-10:00AM	P.S. Ghubde S.K. Bachche P.L. Mishra	Concept of Crystal, Lattice (2D/3D Bravais Lattice) and basis. Introduction to systems of identical particle, operators and difference between symmetric and asymmetric wave function. Introduction to Molecular Physics, Spectra (Band/Line), Types of Spectra.
		10:10AM-12:40PM	S.K. Bachche	Study of LASER (determination of divergence, diameter and wavelength)
Friday	14/10/2022	07:30AM-10:00AM	P.S. Ghubde S.K. Bachche P.L. Mishra	Miller indices and Numerical based on it. Relation of statistic with spin, ortho and para states of Helium atom. Introduction to quantum mechanics and failure of classical Physics.
		10:10AM-12:40PM	S.K. Bachche	Determination of velocity of ultrasonic wave and its allied parameters in a given liquid through Ultrasonic Interferometer.
Saturday	15/10/2022	07:30AM-10:00AM	S.K. Bachche P.L. Mishra P.S. Ghubde	Outline of Heitler London theory of hydrogen molecules. Schrodinger's time dependent and independent equations and its application in 1D/2D/3D box. Different Methods of X-Ray Diffraction.
		10:10AM-12:40PM	S.K. Bachche	Measurement of Wavelength spectrum of Sodium D-Lines using diffraction Grating.
Monday	17/10/2022	07:30AM-10:00AM	P. L. Mishra Dr. U. P. Manik	Verification of Planck's constant from LED (RED)
		10:10AM-12:40PM	S.K. Bachche P.R. Sonune P.L. Mishra	Energy Correction methods (WKB). Introduction of different spectroscopic techniques (NMR, ESR). Idea about Density of States for 0/1/2/3 Dimensional material.
Tuesday	18/10/2022	07:30AM-10:00AM	P. L. Mishra Dr. U. P. Manik	Determine the Ionization of Potential of Mercury using gas filled diode.
		10:10AM-12:40PM	P.L. Mishra P.R. Sonune S.K. Bachche	Construction and working of JFET, MOSFET. Laser and its types (Construction and working). Concept of Zeeman effect (Normal and Anomalous)


  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

  
(Dr. Urvashi P. Manik)  
Head, Department of Physics,  
Sardar Patel Mahavidyalaya, Chandrapur.  
Department of Physics  
S.P. College, Chandrapur



**SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR**  
**P. G. DEPARTMENT OF PHYSICS**  
**BRIDGE COURSE ATTENDANCE LIST**  
**M. Sc. Part II (SEM. III)**

Sr. No.	NAME OF STUDENT	13/10/2022		14/10/2022		15/10/2022		17/10/2022		18/10/2022	
		7:30AM	10:10AM	7:30AM	10:10AM	7:30AM	10:10AM	7:30AM	10:10AM	7:30AM	10:10AM
1	RINA BANGADE										
2	ABHISHEK BHANDAKKAR	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
3	ASMITA BORKAR	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita	Asmita
4	CHAITALEE DANGE										
5	KOMAL DEOTALE	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal
6	KOMAL DHANDRE	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal	Komal
7	KHEMLATA DHARNE	Khemlata	Khemlata	Khemlata	Khemlata	Khemlata	Khemlata	Khemlata	Khemlata	Khemlata	Khemlata
8	POOJA DURGE	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
9	KUSHAL INGALE	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal	Kushal
10	SANDHYA KATLA	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya	Sandhya
11	PRATIMA MANDAL	Pratima	Pratima	Pratima	Pratima	Pratima	Pratima	Pratima	Pratima	Pratima	Pratima
12	PRADNYA MESHARAM	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya	Pradnya
13	PRATIK MOHURLE	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik	Pratik
14	ARTI MUCHILOT	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti	Arti
15	NUTAN NIKODE	Nutan	Nutan	Nutan	Nutan	Nutan	Nutan	Nutan	Nutan	Nutan	Nutan
16	PRANALI POTDUKE	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
17	MONIKA ROY	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika	Monika
18	JASVEER KAUR SANDHU	Jasveer	Jasveer	Jasveer	Jasveer	Jasveer	Jasveer	Jasveer	Jasveer	Jasveer	Jasveer
19	AMOL SONWANE	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol
20	KANCHAN YADAV	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan	Kanchan
21	SHIVANI ZADE	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani	Shivani
22	GAYATRI RAGIT	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri

  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
BRIDGE COURSE

Previous Knowledge Based Test (Quantum Mechanics- II)  
SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	no	no	no	no	no	no	yes	no	no	no	Abhishek
3	ASMITA BORKAR	no	no	yes	no	no	no	no	yes	no	no	Asmita
4	CHAITALEE DANGE											Chaitalee
5	KOMAL DEOTALE	no	yes	no	no	no	no	no	no	no	no	Komal
6	KOMAL DHANDRE	no	yes	no	no	no	no	no	no	no	no	Komal
7	KHEMLATA DHARNE	no	no	no	yes	no	no	no	no	no	no	Khemlata
8	POOJA DURGE	no	no	no	no	no	no	no	no	no	no	Pooja
9	KUSHAL INGALE	no	no	no	no	no	no	no	yes	no	no	Kushal
10	SANDHYA KATLA	no	no	yes	no	no	no	no	no	no	no	Sandhya
11	PRATIMA MANDAL	no	no	no	yes	no	no	no	no	no	no	Pratima
12	PRADNYA MESHARAM	no	no	no	no	no	no	yes	no	no	no	Pradnya
13	PRATIK MOHURLE	no	no	no	no	no	no	yes	no	no	no	Pratik
14	ARTI MUCHILOT	no	no	yes	no	no	no	no	yes	no	no	Arti
15	NI TAN NIKODE	no	no	no	yes	no	no	no	yes	no	no	Ni Tan
16	PRANALI POTDUKE	no	no	yes	no	no	no	no	no	no	no	Pranali
17	MONIKA ROY	no	no	no	no	no	no	no	yes	no	no	Monika
18	JASVEER KAUR SANDHU	no	no	yes	no	no	no	no	no	no	no	Jasveer
19	AMOL SONWANE	no	no	no	no	yes	no	no	no	no	no	Amol
20	KANCHAN YADAV	no	no	no	no	no	no	no	no	no	yes	Kanchan
21	SHIVANI ZADE	no	no	no	no	no	no	no	no	yes	no	Shivani
22	GAYATRI RAGIT	no	no	no	yes	no	no	no	no	no	no	Gayatri

Sanishma  
(S.K. Bachche)

(Dr. Sanishma)  
Head, Department of Physics,  
Sardar Patel Mahavidyalaya,  
Chandrapur.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

BRIDGE COURSE

Previous Knowledge Based Test (Solid state physics and spectroscopy)

SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Abhishek
3	ASMITA BORKAR	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Azuka
4	CHAITALEE DANGE											
5	KOMAL DEOTALE	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	Komal
6	KOMAL DHANDRE	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Komal
7	KHEMLATA DHARNE	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Bhargava
8	POOJA DURGE	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Pooja
9	KUSHAL INGALE	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Kushal
10	SANDHYA KATLA	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Sandhya
11	PRATIMA MANDAL	NO	YES	NO	NO	NO	YES	NO	NO	NO	NO	Pratima
12	PRADNYA MESHARAM	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	Pradnya
13	PRATIK MOHURLE	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	Pratik
14	ARII MUCHILOT	NO	NO	NO	YES	NO	NO	NO	YES	NO	NO	Arii
15	NIHAN NIKODE	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Nihan
16	PRANALI POTDUKE	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Pranali
17	MONIKA ROY	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	Monika
18	JASVEER KAUR SANDHU	YES	NO	YES	NO	NO	NO	NO	NO	NO	NO	Jasveer
19	AMOL SONWANE	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	Amol
20	KANCHAN YADAV	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Kanchan
21	SHIVANI ZADE	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	Shivani
22	GANPATI RAGH	NO	NO	NO	NO	NO	NO	YES	NO	NO	NO	Ganpati

(Pratima Mesharam)

(Dr. Urvasi P. Manik)  
Head Department of Physics,  
Sardar Patel Mahavidyalaya,  
Chandrapur.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

BRIDGE COURSE

Previous Knowledge Based Test (Atomic and molecular physics -1)

SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 12/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	NO	Yes	NO	NO	NO	NO	NO	NO	NO	NO	Abhishek
3	ASMITA BORKAR	NO	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Asmita
4	CHAITALEE DANGE											
5	KOMAL DEOTALE	NO	NO	NO	Yes	NO	NO	NO	NO	NO	NO	Komal
6	KOMAL DHANDRE	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Komal
7	KHEMLATA DHARNE	NO	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Khemlata
8	POOJA DURGE	NO	NO	Yes	NO	NO	NO	NO	NO	NO	NO	Pooja
9	KUSHAL INGALE	NO	NO	NO	NO	NO	NO	Yes	NO	NO	NO	Kushal
10	SANDHYA KATLA	NO	NO	NO	NO	NO	NO	NO	NO	NO	Yes	Sandhya
11	PRATIMA MANDAL	NO	NO	Yes	NO	NO	Yes	NO	NO	NO	NO	Pratima
12	PRADNYA MESHARAM	NO	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Pradnya
13	PRATIK MOHURLE	NO	NO	NO	NO	NO	NO	NO	NO	Yes	NO	Pratik
14	ARII MUCHILOT	NO	NO	NO	NO	Yes	NO	NO	Yes	NO	NO	Arii
15	NIJAN NIKODE	NO	NO	NO	NO	Yes	NO	NO	NO	NO	NO	Nikode
16	PRANALI POTDUKE	NO	NO	NO	NO	NO	NO	Yes	NO	NO	NO	Pranali
17	MONIKA ROY	NO	Yes	NO	NO	NO	NO	NO	NO	NO	NO	Monika
18	JASVEER KAUR SANDHU	NO	NO	NO	NO	NO	NO	NO	NO	NO	Yes	Jasveer
19	AMOL SONWANE	NO	NO	Yes	NO	NO	NO	NO	NO	NO	NO	Amol
20	KANCHAN YADAV	NO	NO	NO	NO	NO	NO	NO	Yes	NO	NO	Kanchan
21	SHIVANI ZADI	NO	NO	Yes	NO	NO	NO	NO	NO	NO	NO	Shivani
22	GIYATRI RAGH	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Giyatri

(Pooja Sonwane)

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

Head Department of Physics  
Sardar Patel Mahavidyalaya,  
S.P. College, Chandrapur,  
Chandrapur.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

BRIDGE COURSE

Previous Knowledge Based Test (Fundamental of Nanoscience & Nanotechnology)

SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 12/10/2022

Sr. No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Abhishek
3	ASMITA BORKAR	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Borkar
4	CHAITALEE DANGE											
5	KUMAL DEOTALE	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Deotal
6	KUMAL DHANDRE	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Komal
7	KIRANLATA DHARNE	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Dharne
8	POOJA DURGE	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Durge
9	KUNAL INGALE	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Ingal
10	SANDHYA KATLA	YES	NO	NO	NO	NO	NO	NO	YES	NO	NO	Katla
11	PRATIMA MANDAL	YES	NO	NO	NO	NO	YES	NO	NO	NO	NO	Mandal
12	PRADNYA MESHARAM	NO	NO	NO	YES	NO	NO	NO	NO	NO	NO	Mesharam
13	PRATIK MOHURLE	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Mohurle
14	ARUN MUGHILJI	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES	Mughilji
15	NEELAN NIKODE	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Nikode
16	PRANALI POTDUKE	NO	YES	NO	NO	NO	NO	NO	NO	NO	NO	Potduke
17	MONIKA ROY	NO	NO	NO	NO	NO	YES	NO	NO	NO	NO	Roy
18	JANVI KALP SANDHU	NO	NO	NO	NO	YES	NO	NO	NO	NO	NO	Sandhu
19	ANUJ SONWANE	NO	NO	YES	NO	NO	NO	NO	NO	NO	NO	Sonwane
20	KANCHAN YADAV	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	Yadav
21	SHIVANI ZADE	YES	NO	NO	NO	NO	NO	NO	NO	NO	NO	Zade
22	CHAITIRAGH	NO	NO	NO	NO	NO	NO	NO	YES	NO	NO	Chaitiragh

(Dr. P.L. Mishra)

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

(Dr. Anshu Manik),  
Head Department of Physics,  
Sardar Patel Mahavidyalaya,  
S.P. College, Chandrapur, Ch.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS  
Bridge Course Completion Test (Quantum Mechanics - II)  
SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 19/10/2022

Sr. No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Abhishek
3	ASMITA BORKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Asmita
4	CHAITALEE DANGE											
5	KOMAL DEOTALI	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Komal
6	KOMAL DHANDRE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Komal
7	KHEMLATA DHARNI	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Khemlata
8	POOJA DURGI	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Pooja
9	KUSHAL INGAJI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Kushal
10	SANDHYA KAITA	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sandhya
11	PRATIMA MANDAL	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Pratima
12	PRADNYA MISHRAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Pradnya
13	PRATIK MOHURJE	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Pratik
14	ARTI MUNCHIOL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Arti
15	NUTAN NIKODI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Nutan
16	PRANALI POTDUKI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pranali
17	MONIKA ROY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Monika
18	TASVEER KALP SANDHU	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Tasveer
19	AMOL SONWANE	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Amol
20	KANCHAN YADAV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Kanchan
21	SHIVANI ZADI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Shivani
22	CAVATRI RAO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Cavatri

Amishmat  
(S.K. Bachcho)

  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

  
Dr. U. P. Manik  
Head, Department of Physics  
Sardar Patel Mahavidyalaya,  
S.P. College, Chandrapur  
Chandrapur.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

Bridge Course Completion Test (solid state physics and spectroscopy)

SESSION: 2022-2023

Date: 19/10/2022

M. Sc. II (Sem-III)

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Abhishek
3	ASMITA BORKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Asmita
4	CHAITALEE DANGE											
5	KOMAL DEOTALA	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Komal
6	KOMAL DHANDRE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Komal
7	KHEMLATA DHARNE	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	Khemlata
8	POOJA DURGI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Pooja
9	KUSHAL INGALLI	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Kushal
10	SANDHYA KAILA	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Sandhya
11	PRATIMA MANDAL	Yes	Yes	Yes	Yes	NO	Yes	Yes	NO	Yes	Yes	Pratima
12	PRADNYA MESHARAM	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Pradnya
13	PRATIK MOHURLE	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Yes	Yes	Pratik
14	ARTI MUCHILOI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Arti
15	NUTAN NIKODI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Nutan
16	PRANALI POKHRIKI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pranali
17	MONIKA ROY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Monika
18	JASVEER KAUJ SANDHU	Yes	NO	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Jasveer
19	AMOL SONWANI	Yes	Yes	Yes	Yes	NO	Yes	NO	Yes	Yes	Yes	Amol
20	KANCHAN YADAV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NO	Yes	Kanchan
21	SHIVANI ZADI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	NO	Shivani
22	GAYATRI RAGH	Yes	Yes	Yes	NO	Yes	Yes	Yes	Yes	Yes	Yes	Gayatri

*(Payal Ghubde)*

*(Amal)*  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

*(Dr. Urvashi P. Manik)*  
Head, Department of Physics,  
Sardar Patel Mahavidyalaya,  
Chandrapur.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

Bridge Course Completion Test (Atomic and Molecular Physics - I)

SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 19/10/2022

Sr.No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADE											
2	ABHISHEK BHANDAKKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Abhishek
3	ASMITA BORKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Asmita
4	CHAITALEE DANGE											
5	KOMAL DEOTALE	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Komal
6	KOMAL DHANDRE	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Komal
7	KHEMLATA DHARNE	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Khemlata
8	POOJA DURGE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Pooja
9	KUSHAL INGALE	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Kushal
10	SANDHYA KATLA	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Sandhya
11	PRATIMA MANDAL	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Pratima
12	PRADNYA MESHARAM	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pradnya
13	PRATIK MOHURLE	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Pratik
14	ARTI MUCHILOI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Arti
15	NUTAN NIKODI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Nutan
16	PRANALI POTDUKE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pranali
17	MONIKA ROY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Monika
18	JASVEER KAUR SANDHU	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Jasveer
19	AMOL SONWANE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Amol
20	KANCHAN YADAV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Kanchan
21	SHIVANI ZADI	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Shivani
22	GAYATRI RAGH	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Gayatri

*Pooja Sonwane*

*Amman*  
Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

(Dr. U. Vashi P. Mahank)  
Head, Department of Physics,  
Sardar Patel Mahavidyalaya,  
S.P. College, Chandrapur,  
Chandrapur.



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR  
DEPARTMENT OF PHYSICS

Bridge Course Completion Test (Fundamental of Nanoscience & Nanotechnology)

SESSION: 2022-2023

M. Sc. II (Sem-III)

Date: 19/10/2022

Sl. No.	Name of Student	Q.1	Q.2	Q.3	Q.4	Q.5	Q.6	Q.7	Q.8	Q.9	Q.10	Signature
1	RINA BANGADI											
2	ABHISHEK BHANDAKKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Abhishek
3	ASMITA BORKAR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Asmita
4	CHAITALI DANGI											
5	KOMAL DEOTALE	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Komal
6	KOMAL DHANDRE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Komal
7	KHEMLATA DHARNE	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Khemlata
8	POOJA DURGI	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Pooja
9	KUSHAL INGALE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Kushal
10	SANDHYA KALIA	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Sandhya
11	PRATIMA MANDAL	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Pratima
12	PRADNYA MISHRAM	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pradnya
13	PRATIK MOHURJE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Pratik
14	ARTI MUNCHIJI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Arti
15	NUTAN NIKODE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Nutan
16	PRANALI POITIKI	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Pranali
17	MONIKA ROY	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Monika
18	JASVEER KAUJ SANDHU	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Jasveer
19	AMOL SONWANI	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Amol
20	KANCHAN YADAV	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Kanchan
21	SHIVANI ZADE	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Shivani
22	GAYATRI RAJUR	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Gayatri

(Dr. P.L. Mishra)

Principal  
Sardar Patel Mahavidyalaya  
Chandrapur

(Dr. Vivek Mishra)  
Head, Department of Physics  
Sardar Patel Mahavidyalaya,  
S.P. College, Chandrapur.



## Sardar Patel Mahavidyalaya, Chandrapur

## Department of Physics

## Internal Assignment for Examination Winter 2022

Class :- B.Sc. I Sem. I (Paper I)

Session 2022-2023 Winter 2022

Sr. No.	Name of Student	Topic of Assignment	Signature
1.	KHUSHI RAJU THULKAR	W-17 Pdf Q no. 1 AU	
2.	PRERNA PRAVIN DOMKUNDWAR	W-17 Pdf Q no. 2 All	P.P.Domkundwar
3.	PRAFUL MANGESH SHERKI	W-17 Pdf Q. no. 3 All	@msherkki
4.	VRUSHALI DINKAR KATOLE	W-17 pdf Q. no. 4 All	VKatole
5.	ZOYA TARUNKUMAR VERMA	W-17 Pdf Q. no. 5 All	Zoya
6.	YASH AVINASH KINNAKE	← Not Submitted → (Ns)	
7.	NIKHIL TULSIRAM KUMRE	← N S →	
8.	MANEESHA VINOD GAMPALA	S-18 pdf Q. 3 All	@maneesha
9.	RIFATNAZ SABIR KHAN	S-18 pdf Q. 4 AU	Rifatkh
10.	TANVI GANPAT NEWARE	← N S →	
11.	DIPSHIKA PRONAB PARMANIK	W-18 Q1 All	Dipshika
12.	USHA PHULCHAND PRAJAPATI	W-18 Q2 All	Usha
13.	VIJETA VIKASRAO WANI	W-18 Pdf Q 3 All	Vijeta
14.	DIPAWALI RAJESH WAGH	W-18 Pdf Q. 4. All	Dipwagh
15.	GAURI ASHOK SONKAR	W-18 pdf Q. 5. All	Gauri
16.	BABLI ZANTU BANIK	S-19 Pdf Q. 1 All	Babli
17.	PALAK JAIPRAKASH SHARMA	S-19 Pdf Q. 2 All	Palak
18.	LEENA RAMESH MAHADOLE	S-19 Pdf Q. 3 All	Leena
19.	SHRIDHIKA SUNIL DHARMELWAR	← S-19 Pdf Q. 4 All →	Shridhi
20.	SAKSHI RAVINDRA MANDADE.	S-19 Pdf Q 5 All	Sakshi
21.	SADHANA RAMBRISH RAVIDAS	W-19 Pdf Q 1 All	
22.	AJAY DWARKALAL DEWANGAN	← N S →	
23.	ACHAL SHALIK GAJABHE	← " →	
24.	YUGAL RAJENDRA KHANKE	← " →	
25.	ISHA GOPICHAND TAWADE	W-19 Pdf Q. 5.	
26.	GULSHANKUMAR BRIJESHKUMAR RAM	← N S →	
27.	SHARVARI SURESH KHANKE	W-17 Pdf Que. no 2 all	Sharvari
28.	ANUSHRI VINOD HEPAT	W-17 Pdf que. no 3 all	Anushri
29.	ANJALI VILAS KOSARE	← N S →	



30.	SOHEL AJAZ KHAN	← NS →	
31.	MEGHNA RAVINDRA PADOLE	S-18 Pdf que-1 all	M.R. Padole
32.	JANHVI RAJU HANUMANTE	S-18 Que-2	J Hanumante
33.	HERAMB SUDHAKAR LATARE	S-18 Que-3	Heramb
34.	SOHELKHAN ISMAILKHAN PATHAN	S-18 Que 4	Sohelkhan
35.	MOHINI SHASHIKAR NIMGADE	← NS →	
36.	VAISHNAVI VIJAY CHANDANKHEDE	W-18 Que 1.	Vaishnavi
37.	NIHIRA RAJESH KHOBRAGADE	W-18 que 2.	Nehira
38.	VISHRANTI VINOD MOTGHARE	← NS →	
39.	SUNIL MADHAV WAGHAMARE	← " →	
40.	ADITYA ASHOK MESHRAM	← " →	
41.	SARANG GAJANAN CHAUDHARI	S-19, Q-1	Sarang
42.	GAURAV PATRU ZADE	S-19, Q-2	Gaurav
43.	VAISHNAVI MAHESH MESHRAM	← NS →	
44.	ATHRV BAPUJI MEDPALLIWAR	← NS →	
45.	KAUMUDINI MANOHAR MALODE	S-19 Pdf Q no. 5 ALL	Kaumudini
46.	SHREYA RAMESH JULME	W-19 Q. 1 pdf	S.R. Julme
47.	VAIBHAO VASANTA KALE	← NS →	
48.	ROSHANI SUSHIL BHARADKAR	W-19 que. 3	Roshani
49.	SHRUTI SUNIL TEKAM	← NS →	
50.	SAHIL GAJANAN JENEKAR	W-19 Q. No. 5 All	Sahil
51.	NIDHI SANTOSH GATLEWAR	S-18 Q. NO 1 All	Nidhi
52.	ACHAL RUKIRAM MANDALE	← NS →	
53.	TANISH SUNIL CHAHARE	← NS →	
54.	ISHIKA RAJU BARSAGADE	S-18 Q-NO 4 All	Ishika
55.	SHREYA LAHANU WADHAI	← NS →	
56.	SHRADDHA RAJU RAURKAR	← " →	
57.	ABRAR SIRAJ KHAN	← " →	
58.	BHARAT SHANKAR BADWAL	← " →	
59.	SNEHA KHEMRAJ THAKRE	← " →	
60.	ISHITA VINOD ZADE	← " →	
61.	SHIVALI KISHOR JATHADE	S-19 Q. NO 1 All	Shivali
62.	MAHESHWARI MOHAN YEROKAR	← NS →	
63.	DIVYA VILAS ATKAPURWAR	← " →	
64.	CHAHAT SANJAY NARANG	← " →	
65.	PARITA GAJANAN PAWAR	← " →	



66.	SRUSHTI ASHVIN BHOYAR	W-19 Pdf Q. 1 all	<u>Ashvayee</u>
67.	BHUMIKA VILAS THAMKE	W-19 Pdf Q. 2 all	<u>Thamke</u>
68.	VEDANTI SUBHASH LOHKARE	W-19 Pdf Q. 3 all	<u>Lohkare</u>
69.	KIRAN AJAY NIMBALKAR	W-19 Pdf Q. 4 all	<u>Nimbalkar</u>
70.	SAKSHI RAVINDRA SELOKAR	W-19 Pdf Q. 5 all	<u>Sakshi</u>
71.	OM JITENDRA KESHWANI	← NS →	
72.	TANVI RAVINDRA GAWANDE	S-18 Pdf Q. 2 all	<u>Gawande</u>
73.	ISHA BHARAT ZADE	S-18 Pdf Q. 3 all	<u>Zade</u>
74.	ADITYA SANTOSH KOLHE	S-18 Pdf Q. 4 All	<u>Kolhe</u>
75.	DISHANI VINOD LABHANE	← NS →	
76.	KHUSHALI SHESHARAO DEOTALE	← " →	
77.	PRACHI YOGESHWAR GHATE	W-18 Pdf Q. 2 all	<u>Prachi</u>
78.	SUPRIYA CHANDRASHEKHAR THAWASE	W-18 Pdf Q. 3 all	<u>Thawase</u>
79.	SAKSHI RAVIKUMAR HULKE	W-18 Pdf Q. 4	<u>Hulke</u>
80.	ACHAL MANOJ PAKMODE	W-18 Pdf Q. 5 All	<u>Pakmode</u>
81.	MITALI RAVINDRA BUTLE	← NS →	
82.	YASH VIJAY CHOUDHARI	← " →	
83.	NAKSHATRA SHYAM KAYARKAR	S-19 Pdf Q. 3 All	<u>Nakshatra</u>
84.	ATHARVA AJAY RAJURKAR	← NS →	
85.	SHRUTI RAJESH KHIRATKAR	S-19 Q. No. 5 All	<u>Shiratkare</u>
86.	RUSHABH SHRAWAN ISHWARKAR	← NS →	
87.	SALONI ARUN GADEKAR	W-19 Q. 3 All	1
88.	KRISHNA GURUDAS SARKAR	W-19 Q. 3 All	<u>Krishna</u>
89.	TOSHNA PARMANAND PIMPALE	W-19 Pdf Q. No. 4 All	<u>Pimpale</u>
90.	SRUSHTI LOMESHWAR LONDHE	W-19 Pdf Q. No. 5 All	<u>Londhe</u>
91.	APURVA SAGAR YELETTIWAR	← NS →	
92.	FIZA AYYUBKHAN RIZAVI	W-17 Q. 2 All	<u>Rizavi</u>
93.	JANVI CHANDRASHEKHAR SHIMGEKAR	W-17 Q. 3 All	<u>Shimgekar</u>
94.	PRATHMESH PARAG TAMBEKAR	← NS →	
95.	KHUSHI SANJAY GUDE	W-17 Que. 5 All	<u>Gude</u>
96.	BHARATI TUKARAM BHOYAR	S-18 Pdf Q. no 1 All	<u>Bhoayar</u>
97.	NIRAJ NAROTTAM KEWAT	S-18 Pdf Que. 2	<u>Kewat</u>
98.	SIDDHANT PRASHANT WASEKAR	S-18 Que. 3	<u>Siddhant</u>
99.	PRIO PRITISH BALA	S-18 Pdf Q. no 5 All	<u>Bala</u>
100.	NIKITA DIWAKAR BAGADE	S-18 Que. 5 All	<u>Nikita</u>
101.	PRANALI KAILAS BAJAIT	W-18 Q. No. 1 All	<u>Pranali</u>



102.	SHACHI MOHAN PIHUL	W.18 Q.2 Pdf all Que.	<del>Shachi</del>
103.	TANVI GOVIND PANNASE	W.18 Q.3 PDF All Que	Tanvi
104.	PREM RAVI NAMPELLIWAR	← NS →	
105.	PRACHI SANJAY NIMBALKAR	W.18 Q.5 all	Prachi
106.	SNADESH DILIP CHOUDHARI	← NS →	
107.	SANSKRUTI SANJAY LIHITKAR	← NS →	
108.	PIYUSH CHINANNA YELKUCHIWAR	← NS →	
109.	MANISH PRAKASH MANUSMARE	S.19 Q.4 Pdf all Q	Manish
110.	CHITRA SHANKARRAO TAMBAKHE	S-19 Q.5 Pdf all Q.	Chitra
111.	PIYUSH SAINATH NAGAPURE	W-19 Q.1 pdf all Q.	Piyush
112.	NISHANT SANJAY PETKAR	W-19 Q.2 Pdf All Q.	Nishant
113.	UDAY RAVINDRA ROHANKAR	W-19 Q.3 Pdf All Q.	Uday
114.	PRASHIK SUDARSHAN MANKAR	← NS →	
115.	SAMIR SURESH FULZELE	← NS →	
116.	BHARATI HARICHANDRA WATEKAR	W-19 Que.2 pdf	Bharati
117.	SACHIN DINESH BANSOD	W.17 Q.3. Pdf	Sachin
118.	RAKHI SANJAY CHALAKH	W-17 Que 4 pdf	Rakhi
119.	SAKSHI SUNIL YERNE	W-17 Que 5 pdf	Sakshi
120.	DARSHAN GULABRAO PATIL	← NS →	
121.	KHUSHI LALIT TARAFDAR	S-18 Que 2. All	Khushi
122.	SIDDHESH UDAY KHOND	S-18 Que 3 All	Siddhesh
123.	KARAN OMPRAKASH SINHA	← NS →	
124.	VEDANT VINOD SATPUTE	← " →	
125.	PRACHI BHAURAO KAKDE	W.18 Q.1. All Que	Prachi
126.	PRAJWAL GAJANAN LANDGE	W.18 Q.2 All	Prajwal
127.	GAYATRI SUDHIR BHANDAKKAR	W.18 Q.3 All	Gayatri
128.	CHAITANYA YASHWANT SIDAM	← NS →	
129.	SUHANI VIPIN LOKHANDE	W.18 Q.5 AU	Suhani
130.	SHRADDHA DIKSHANT MALLRWAR	← NS →	
131.	RUTUJA BABA ISANKAR	S-19 Q.2 All	Rutuja
132.	VRUNDA SANJAY DABHEKAR	← NS →	



Sardar Patel Mahavidyalaya, Chandrapur

Department of Physics

Internal Assignment for Examination Winter 2022

Physics B.Sc. I (Paper II)

Session 2022-2023 Winter 2022

Sr. No.	Name of Student	College Roll No.	Assignment Topic	Signature
1.	KHUSHI RAJU THULKAR	1234	Newton's law of Grav. & Numerical	Chakraborty
2.	PRERNA PRAVIN DOMKUNDWAR	1206	Kepler's law, GPS	P.P. Domkundwar
3.	PRAFUL MANGESH SHERKI	1231	Simple harmonic motion & num.	Prashant Sherki
4.	VRUSHALI DINKAR KATOLE	1212	Grav. field, potential, Numerical	V. Katole
5.	ZOYA TARUNKUMAR VERMA	1235	Damped harmonic oscillator	Zoya Verma
6.	YASH AVINASH KINNAKE	1217	Hooke's law, numerical	Yash Kinna
7.	NIKHIL TULSIRAM KUMRE	1220	Poisson's ratio, Deviation	Nikhil Kumre
8.	MANEESHA VINOD GAMPALA	1208	Torsional Pendulum	Maneisha Gampala
9.	RIFATNAZ SABIR KHAN	1213	Coefficient of viscosity	Rifatnaz Khan
10.	TANVI GANPAT NEWARE	1223	Reynolds number	Tanvi Neware
11.	DIPSHIKA PRONAB PARMANIK	1225	Equation of continuity	Dipshika Parmanik
12.	USHA PHULCHAND PRAJAPATI	1226	Bernoulli's theorem	Usha Prajapati
13.	VIJETA VIKASRAO WANI	1237	Poiseuille's equation	Vijeta Wani
14.	DIPAWALI RAJESH WAGH	1236	Surface tension	Dipawali Wagh
15.	GAURI ASHOK SONKAR	1232	Unit - I question bank	Gauri Sonkar
16.	BABLI ZANTU BANIK	1202	Unit - I que. bank	Babli Banik
17.	PALAK JAIPRAKASH SHARMA	1229	-  -	Palak Sharma
18.	LEENA RAMESH MAHADOLE	1221	-  -	Leena Mahadole
19.	SHRIDDHKA SUNIL DHARMELWAR	X	Absent	
20.	SAKSHI RAVINDRA MANDADE	1222	Unit - II question bank	Sakshi Mandade
21.	SADHANA RAMBRISH RAVIDAS	1228	-  -	Sadhana Ravidas
22.	AJAY DWARKALAL DEWANGAN	X	Absent	
23.	ACHAL SHALIK GAJABHE	X	Absent	
24.	YUGAL RAJENDRA KHANKE	X	Unit - II que. bank	Yugal Khanke
25.	ISHA GOPICHAND TAWADE	1233	Unit - II que. bank	Isha Tawade
26.	GULSHANKUMAR BRIJESHKUMAR RAM	X	Absent	
27.	SHARVARI SURESH KHANKE	1215	Unit - III que. bank	Sharvari Khanke
28.	ANUSHRI VINOD HEPAT	1211	Unit - III question bank	Anushri Hapat
29.	ANJALI VILAS KOSARE X	X	Absent	
30.	SOHEL AJAZ KHAN	X	Absent	
31.	MEGHNA RAVINDRA PADOLE	1224	Unit - III que. bank	M.R. Padole
32.	JANHVI RAJU HANUMANTE	1251	Unit - III que. bank	Janhvi Hanumante
33.	HERAMB SUDHAKAR LATARE	1252	Unit - IV question bank	Heramb Latare
34.	SOHELKHAN ISMAILKHAN PATHAN X	1249	Unit - IV question bank	Sohelkhan Pathan
35.	MOHINI SHASHIKAR NIMGADE	1253	Unit - V question bank	Mohini Nimgade
36.	VAISHNAVI VIJAY CHANDANKHEDE	1255	Power dissipation, Power absorption	Vaishnavi Chandankhede
37.	NIHIRA RAJESH KHOBRADE	1254	Diff. Eq <sup>n</sup> of a damped oscillator	Nihira Khobrade
38.	VISHRANTI VINOD MOTGHARE	X	Absent	
39.	SUNIL MADHAV WAGHAMARE	X	Absent	
40.	ADITYA ASHOK MESHRAM X	X	Absent	
41.	SARANG GAJANAN CHAUDHARI	1241	Newton's law of Gravitation	Sarang Chaudhari



42.	GAURAV PATRU ZADE	1248	Unit-I long que-4	Sade
43.	VAISHNAVI MAHESH MESHAM		Absent	
44.	ATHRV BAPUJI MEDPALLIWAR	1245	Unit-I Short que-5	Alta
45.	KAUMUDINI MANOHAR MALODE	1244	Unit-II long que-4	K. Prasad
46.	SHREYA RAMESH JULME	1242	Unit-II Short que-5	S.R. Julme
47.	VAIBHAO VASANTA KALE	1243	Unit-I short que, Numerical	Wahale
48.	ROSHANI SUSHIL BHARADKAR	1240	Unit-II Short que, Numerical	Peshant
49.	SHRUTI SUNIL TEKAM	X	Absent	
50.	SAHIL GAJANAN JENEKAR	1107	Unit-III long que. - 3	Sade
51.	NIDHI SANTOSH GATLEWAR	1105	Diff. Equa of SHM	Pruthiwar
52.	ACHAL RUKIRAM MANDALE	X	Absent	
53.	TANISH SUNIL CHAHARE	not submitted	Absent	
54.	ISHIKA RAJU BARSAGADE	1103	Expression of Poisson's Ratio	Vohikar
55.	SHREYA LAHANU WADHAI	X	Absent	
56.	SHRADDHA RAJU RAURKAR	X	Absent	
57.	ABRAR SIRAJ KHAN	not submitted	Absent	
58.	BHARAT SHANKAR BADWAL	X	Absent	
59.	SNEHA KHEMRAJ THAKRE	X	Absent	
60.	ISHITA VINOD ZADE	X	Absent	
61.	SHIVALI KISHOR JATHADE	1106	Bernoulli's Theorem	Sf
62.	MAHESHWARI MOHAN YEROKAR	X	Absent	
63.	DIVYA VILAS ATKAPURWAR	X	Absent	
64.	CHAHAT SANJAY NARANG	X	Absent	
65.	PARITA GAJANAN PAWAR	not submitted	Absent	
66.	SRUSHTI ASHVIN BHOYAR	1140	Application of Bernoulli's Th	Pruthiwar
67.	BHUMIKA VILAS THAMKE	1130	Equation of continuity	Pruthiwar
68.	VEDANTI SUBHASH LOHKARE	1138	Grav. Pot. due to spherical shell	Pruthiwar
69.	KIRAN AJAY NIMBALKAR	1132	Kepler's Law	Km
70.	SAKSHI RAVINDRA SELOKAR	not comp. 1132	Grav. self energy, GPS	Subit
71.	OM JITENDRA KESHWANI	X	Absent	
72.	TANVI RAVINDRA GAWANDE	1136	Grav. field, Grav. Potential	Pruthiwar
73.	ISHA BHARAT ZADE	1141	Exp. for Damped oscillation	Pruthiwar
74.	ADITYA SANTOSH KOLHE	1123	Exp. for forced oscillation	Pruthiwar
75.	DISHANI VINOD LABHANE	X	Absent	
76.	KHUSHALI SHESHARAO DEOTALE	X	Absent	
77.	PRACHI YOGESHWAR GHATE	1119	Unit-III long questions	Pruthiwar
78.	SUPRIYA CHANDRASHEKHAR THAWASE	1128	Unit-III long questions	Pruthiwar
79.	SAKSHI RAVIKUMAR HULKE	1120	Unit-II long questions	Pruthiwar
80.	ACHAL MANOJ PAKMODE	1126	Unit-I long questions	Pruthiwar
81.	MITALI RAVINDRA BUTLE	X	Absent	
82.	YASH VIJAY CHOUDHARI	1117	Unit-II short questions	Pruthiwar
83.	NAKSHATRA SHYAM KAYARKAR	1121	Unit-II short questions	Pruthiwar
84.	ATHARVA AJAY RAJURKAR	1127	Unit-III short questions	Pruthiwar
85.	SHRUTI RAJESH KHIRATKAR	1122	Unit-I question bank	Pruthiwar
86.	RUSHABH SHRAWAN ISHWARKAR	X	Absent	
87.	SALONI ARUN GADEKAR	X	Absent	
88.	KRISHNA GURUDAS SARKAR	1137	Unit-I short que, Numerical	Pruthiwar
89.	TOSHNA PARMANAND PIMPALÉ	1134	Unit-II question Bank	Pruthiwar
90.	SRUSHTI LOMESHWAR LONDHE	1135	Equation of continuity	Pruthiwar
91.	APURVA SAGAR YELETTIWAR	X	Absent	
92.	FIZA AYYUBKHAN RIZAVI	1006	Expression for Poisson's Ratio	Pruthiwar
93.	JANVI CHANDRASHEKHAR	1007	Torsional pendulum, Numerical	Pruthiwar

VSD



	SHIMGEKAR			
94.	PRATHMESH PARAG TAMBEKAR	<del>✓</del>	<del>Absent</del>	
95.	KHUSHI SANJAY GUDE	1004	Unit-I long questions	Bude
96.	BHARATI TUKARAM BHOYAR	1003	Unit-I short que. Numerical	Bhoayar
97.	NIRAJ NAROTTAM KEWAT	1005	Unit-II question Banks.	Niraj
98.	SIDDHANT PRASHANT WASEKAR	1031	Unit-II short. quest.	Siddhant
99.	PRIYO PRITISH BALA	1002	Unit-III short. questions	Priyo
100.	NIKITA DIWAKAR BAGADE	1001	Unit-III long que. Numerical	Nikita
101.	PRANALI KAILAS BAJAIT	1030	Unit-IV question banks.	Pranali
102.	SHACHI MOHAN PIHUL	1029	Bernoulli's theorem	Shachi
103.	TANVI GOVIND PANNASE	1050	Application of Bernoulli's Th <sup>m</sup>	Tanvi
X 104.	PREM RAVI NAMPELLIWAR	X	<del>Absent</del>	
105.	PRACHI SANJAY NIMBALKAR	1033	Poisson's Equations	Prachi
3x 106.	SNADESH DILIP CHOUDHARI	X	<del>Absent</del>	
P 107.	SANSKRUTI SANJAY LIHITKAR	X	<del>Absent</del>	
108.	PIYUSH CHINANNA YELKUCHIWAR	1027	Equation of continuity	Piyush
109.	MANISH PRAKASH MANUSMARE	1017	Diff. Eq <sup>n</sup> of SHM	Manish
110.	CHITRA SHANKARRAO TAMBAKHE	1024	solution of diff. eq <sup>n</sup> of SHM	Chitrapure
111.	PIYUSH SAINATH NAGAPURE	1018	Newton's law of Gravitation	Piyush
112.	NISHANT SANJAY PETKAR	1020	Grav. field, Potential.	Nishant
113.	UDAY RAVINDRA ROHANKAR	1021	GPS	Uday
114.	PRASHIK SUDARSHAN MANKAR	X	<del>Absent</del>	
115.	SAMIR SURESH FULZELE	X	<del>Absent</del>	
116.	BHARATI HARICHANDRA WATEKAR	1026	Kepler's laws	Bharati
117.	SACHIN DINESH BANSOD	1009	Expression for Ang. momentum	Sachin
118.	RAKHI SANJAY CHALAKH	1011	Unit-I question Bank	Rakhi
119.	SAKSHI SUNIL YERNE	1028	Unit-II question Bank	Sakshi
120.	DARSHAN GULABRAO PATIL	X	<del>Absent</del>	
121.	KHUSHI LALIT TARAFDAR	X	<del>Absent</del>	
122.	SIDDHESH UDAY KHOND	1014	Unit-III question Banks	Sud
123.	KARAN OMPRAKASH SINHA	X	<del>Absent</del>	
124.	VEDANT VINOD SATPUTE	X	<del>Absent</del>	
125.	PRACHI BHAURAO KAKDE	1013	Unit-III question Bank	Prachi
126.	PRAJWAL GAJANAN LANDGE	1015	Unit-I question Banks	Prajwal
127.	GAYATRI SUDHIR BHANDAKKAR	1010	Exp. for Poisson's Ratio	Gayatri
128.	CHAITANYA YASHWANT SIDAM	1038	Eq <sup>n</sup> of continuity.	Chaitanya
129.	SUHANI VIPIN LOKHANDE	1032	Hooke's Law, stress-strain dia.	Suhani
130.	SHRADDHA DIKSHANT MALLRWAR	X	<del>Absent</del>	
131.	RUTUJA BABA ISANKAR	1035	Grav. Pot. due to spherical shell	Rutuja
2 p 132.	VRUNDA SANJAY DABHEKAR	X	<del>Absent</del>	



## Sardar Patel Mahavidyalaya, Chandrapur

Department of Physics

Internal Assignment for Examination Winter 2022

Physics B.Sc. II (Paper II) Radiation &amp; Statistical Physics

Session 2022-2023 Winter 2022

Sr. No.	Name of Student	Topic of Assignment	Signature
✓ 1.	SEJAL VITTHAL DHOBE	W-18 Q. no. 1/ All	Sejal
✓ 2.	SUJAL MILIND GOVARDHAN	W-18 Q no. 2/ All	Sujal
✓ 3.	SHIVANI BRINDAVAN MEHTA	← Absent →	
✓ 4.	MAHEK FATEMA FAROOQUE AHMED SHEIKH	W-18 Q. no. 4 All	Mahek
✓ 5.	VRUSHALI ASHOK THOMBRE	W-18 Q. no. 5 All	Vrushali
✓ 6.	SAMIKSHA AJAY VIRMALWAR	S-19 Que. 1 All	Samiksha
✓ 7.	SHRADDHA RAJESH GURJELWAR	S-19 Q. 2 All	Shraddha
✓ 8.	SHRUTI ATUL SHINDE	S-19 Que. 3 All	Shruti
✓ 9.	MANNATUN PARVIN ANIS SHEIKH	S-19 Que. 4 All	Mannatun
✓ 10.	PRAJKTA PRAVINKUMAR RAJGADE	S-19 Que 5 All	Prajakta
11.	MOHIT PRABHU DANDELE	← Absent →	
✓ 12.	HARSHAD RAMESH GEDEKAR	← Absent →	
✓ 13.	PRATIKSHA PRABHAKAR DANDEKAR	S-19 Que. 3 All	Pratiksha
✓ 14.	JAY RAMESH MADAVI	← Absent →	
✓ 15.	ANCHAL RAJESH BURANDE	W-19 Q. 5	A.R. Burande
✓ 16.	AJAY BABA RAMTEKE	W-18 Q. 1	A. Ramteke
✓ 17.	SANAFATMA HASANUDDIN SIDDIQUE	W-18 Q. No. 2 All	Sanafatma
✓ 18.	RAHUL SHANKAR ZADE	W-18 - Q. No. 03	Rahul
✓ 19.	POONAM MAHESHKUMAR VISHWAKARMA	W-18 Que. 4 All	Poonam
✓ 20.	AYUSH CHANDRAKANT SATKAR	W-18 Que 5 All	Ayush
21.	VAISHNAVI UTTAM MATTE	← Absent →	
✓ 22.	DEVYANI ANIL WADGURE	S-19 Que. 2 All	Devyani
✓ 23.	SONU PRAMOD UIKE	S-19 Que. 3 All	Sonu
✓ 24.	AYUSH PRAMOD KULMETHE	← Absent →	
25.	VAIBHAV VASANT BORKUTE	S-19 Que 5 all	Vaikute
✓ 26.	TUSHAR SANJAY BOMMEWAR	W-19 Que 1 all	Tushar
✓ 27.	KUSHAWRATI MAROTI WAGHMARE	W-19 Que. 2 All	Kushawrati
✓ 28.	UMESH SANJAY WAIRAGADE	← Absent →	
✓ 29.	SANSKRUTI EKNATH NEWARE	W-19 que 4 all	Sanskriti



30.	RUTUJA BALAJI KAMATKAR	W-19 Q. No. 5 All	Pitija.
31.	PRANJALI SHRIRAM BAWANE	W-18 Q. 7. All	Bawane
32.	AVANTIKA BANDU PIPARE	W-18 Q 2 All	Pipari
33.	PRAJWAL BANDU DHANORKAR	W-18 Que 3 All	Dhanorkar
34.	VAISHNAVI MORESHWAR BURANDE	W-18 Q. 4. all	<del>Vande</del>
35.	AMIT BABAN PATIL	W-18 Q 5. all	Amit
36.	MAYUR VISHWAS NIMJE	S-19 Que 1 All	Mayur
37.	SHWETA RAMESH PATALE	S-19 Que 2. All	Shweta
38.	SUMIT MAHESH GIRADKAR	S-19 Que. 3 All	Giradkar
39.	ANKITA CHANDRAKANT AMBEKAR	S19 Q. 4. all	Am
40.	TRUPTI DILIP SANDOKAR	S19 Q. 5 all	<del>Trupti</del>
41.	VINAYAK EKNATH PADGELWAR	W-19 Q. 2 all	Vinayak
42.	KRISHNA RAMESH ZADE	W-19 Q. 2 all	Zade
43.	RADHIKA WAMAN BORKUTE	W-19 Q. 3 all	<del>Radika</del>
44.	CHARULATA TULARAM MAIND	W-19 Q. 4 all	C. T. Maind
45.	VAISHNAVI MAROTI ZADE	W-19 Q. no. 5 all	Zade
46.	DEVAKI SURESH NALAMWAR	W-18 Q. no. 1 all	Devaki
47.	HARSHITA SUKLAL RANGARI	W-18 Q. no. 2 all	Rangari
48.	VIVEK VIKAS WAKUDKAR	← Absent →	
49.	PRAGATI SHAMRAO MESHARAM	W-18 Q. 4 all	P.S. Mesharam
50.	NAZMIN MOHAMMAD SADIK SHEIKH	W-18 Q. 5 all	<del>Nazmin</del>
51.	MAHEKNAZ IBRAHIM SHEIKH	S-19 Q. 1. all.	Mahesh
52.	VISHAL SADANAND WASAMWAR	← Absent →	
53.	ACHAL SANTOSH PARCHAKE	S-19 Que 2 all	Achal
54.	ANIKET RAJU CHALAKH	S-19 Q. 4 All	<del>Aniket</del>
55.	YASH MAHESH KHEMASKAR	← Absent →	
56.	SEEMA FATEMA YOUNUS ALI SAYYAD	W-19 (Q. 1) all	Seema
57.	KUMKUM JALESHWAR KHARWAR	W-19 (Q. 2) all	Kumkum
58.	MAHEK NAZNEEN ABDUL SHARIF	W-19 (Q-3) all	Mahesh
59.	AFREEN PARVEEN SAYYED INAYAT ALI	W-19 (Q-4) all	Afreen
60.	ZAINAB NOORI NIYAZ AHMED	W-19 (Q. 5) all.	Zainab
61.	MANISHANKAR SAPAN DEY	W-18 Q. 3 all	Manishankar
62.	SANAD DNYANESHWAR WELE	← Absent →	
63.	MANUJA KABILAL SEN	W-18 Q. 3 all	Manuja
64.	AMAN DUKSHOR KAITHWAS	← Absent →	
65.	JAY RAMESH BADKELWAR	← Absent →	



66.	DAMINI GHANSHYAM DEWANGAN	S-19 (Q.1) all	Damini
67.	PRATIKA SATYAPAL MARASKOLHE	S-19 (Q.2) all	Pratiksha
68.	SEJAL VIJAY SINGH CHAVHAN	S-19 (Q.3) all	Sejal
69.	SANKALP GIRIDHAR GHADSE	S-19 (Q.4) all	Sankalp
70.	SAKSHI TIRUPATI PURELLI	S-19 (Q.5) all	Sakshi
71.	PALLAVI PRAKASH GOMASE	W-19 (Q.1) all	Pallavi
72.	YASH PURUSHOTTAM ZADE	← Absent →	
73.	SAKSHI SANTOSH CHHAGANKAR	W19 Q3 all	S.Chhagankar
74.	IRSHAD KHAN HUSSAIN KHAN PATHAN	W19 Q4 all	Irshad
75.	SHRADHA SANTOSH CHHAGANKAR	W19 Q5 all	S.Chhagankar
76.	YASH VILAS KUMBHARE	← Absent →	
77.	SHRUTI DHANRAJ ASWALE	W-18 Q.2 all	Aswale
78.	SNEHA DIWAKAR GEDAM	W-18 que no 3 All	Sneha
79.	SAURABH PRASHANT PANDILWAR	← Absent →	
80.	SHREYASH VILAS SHANTALWAR	← Absent →	
81.	OM TEJASVI THOMBARE	S-19 (Q.1) all	O.Thombare
82.	YOGESH VIKAS GARGELWAR	S-19 (Q.2) all	Yogesh
83.	ASTHA PRASHANT GUNDAWAR	S-19 (Q.3) all	Astha
84.	VAIDEHI ABHAY BACCHUWAR	S-19 (Q.4) all	Vaidehi
85.	KAUSARBANO SADAKATALI SAYYED	S-19 (Q.5) all	Kausar
86.	MOHAMMAD KAIF ASIF SHEIKH	W-19 que 1 All	Mohammed
87.	SANIYA JIBRAIL SHEIKH	← Absent →	
88.	SUDHANSHU KAPIL YADAV	← Absent →	
89.	ANKITA RAVINDRA THAKARE	W-19 (Q.4) all	Ankita
90.	AARTI POONAM SHARMA	W-19 (Q.5) all	Aarti
91.	AASHNA NAZ ABDUL KHALIL KHALIL	← Absent →	
92.	MUSKAN MANOHAR AHUJA	W-18 (Q.3) all	Muskan
93.	SAKSHI HEMANT MATTE	W-18 (Q.4) all	Sakshi
94.	SAKSHI KRISHNA SHETTY	W-18 (Q.4) all	Sakshi
95.	NAMITA VINOD RAUT	← Absent →	
96.	SAHIL SHARAD DEOGADE	← Absent →	
97.	ROHAN GHANSHYAM RITHE	S-19 Q.2 All	Rithe
98.	GAYATRI SUDHAKAR NAWGHARE	← Absent →	
99.	GANDHARV BALUJI BANGARE	S-19 Q.4 All	Gandharv
100.	AJAY MANOJ PATIL	S-19 que 5. all	Ajay
101.	CHETAN MANOJ DUPARE	W-19 que 1 all	Chetan



102.	ROHAN DINESH YADAV	← Absent →	
103.	VAIBHAV RAMESH NIMBALKAR	← Absent →	
104.	JITESH GULAB BODELE	W-19 Q4 all	Rohit
105.	VISHESH DHIRAJ PATIL	W-19 Q5 all	<del>Rohit</del>
106.	RAHUL RAMDARAS YADAV	← Absent →	
107.	DHRUV MADHURI AGLAWE	← Absent →	
108.	KALYANI PRAKASH KAMATWAR	W-18 Q3. All	Rohit
109.	SHATABDI CHANDRASHEKHAR GOVARDHAN	W-18 Q.4 all	Shatabdi
110.	VISHRANTI VINAYAK KALE	W-18 Q5 all.	Rohit
111.	SANA NAZ MOHAMMAD SHABBIR .	← Absent →	
112.	RUCHITA PANDURANG DAKHANE	S-19 Q.2 All	Rohit
113.	GITAI ARVIND URKUDE	S-19 Q3 all	Rohit
114.	KRUNAL RAJU TURANKAR	S-19 Q4 all	Krunal
115.	SHIVANI RAJENDRA KALAMBE	S-19 Q5 all	Shivani
116.	SUGAT MAROTI MOON	W-19	M. Singh
117.	KALYANI GANESH KULMETHE	W-19.	Kalyani

Sardar Patel Mahavidyalaya, Chandrapur

Department of Physics

B.Sc. III (Sem-V)

Session: 2022-23 (Winter-2022)

Paper-I (Elements of Modern Physics)

Assignment List

Sr. No.	Name of Student	Roll No.	Assignment Topic	Signature
1.	BAKAL SATVIK ISHWAR	3201	Unit-I Question Bank	
2.	BALKI NIKHIL BANDU	3202	Unit-I Question Bank	
3.	BANKAR PAYAL PRAKASH	3203	Unit-I Question Bank	
4.	BRAMHANKAR SHRADDHA PRAKASH	3204	Unit-I Question Bank	
5.	CHAMARE YUGANDHARA SATISHRAO	3205	Unit-I Question Bank	
6.	CHAUDHARI BHUSHAN TULSHIDAS	3206	Unit-I Question Bank	-
7.	DEWAIKAR PRUTHA SANDIP	3207	Unit-I Question Bank	
8.	DEWALE SAKSHI DILIP	3208	Unit-I Question Bank	
9.	DEWANGAN YAMINI DADURAM	3209	Unit-I Question Bank	
10.	DHAMANKAR NAMITA KISHOR	3210	Unit-I Question Bank	
11.	FALE DIPTI ARUN	3211	Unit-I Question Bank	
12.	GARGELWAR DIPALI MADHUKAR	3212	Unit-I Question Bank	
13.	HAJARE ANIKET BHIWAJI	3213	Unit-II Question Bank	-
14.	INGOLE PRATIK PRAMOD	3214	Unit-II Question Bank	
15.	JAIHWAL SHEJAL SANJAY	3215	Unit-II Question Bank	
16.	JIWTODE SAMIKSHA RAMKRUSHNA	3216	Unit-II Question Bank	
17.	KARADBHUJE BHAVESH MOTIRAM	3217	Unit-II Question Bank	
18.	KHADSE SALONI SUDHAKAR	3218	Unit-II Question Bank	



19.	KOYADWAR VAISHNAV VIJAY	3219	Unit-II Question Bank	Vaishnavs
20.	KUNGHADKAR SUCHAK BANDU	3220	Unit-II Question Bank	Kunghadkar
21.	LODHE NIKITA VINOD	3221	Unit-II Question Bank	Nike
22.	MADAVI GANESH SANJAY	3222	Unit-II Question Bank	Madavi
23.	MUNGLE ADITI JAIRAJ	3223	Unit-II Question Bank	Mungle
24.	NIKURE POOJA SURENDRA	3224	Unit-II Question Bank	Nikure
25.	NIRASKAR TEJASHREE ARUNRAO	3225	Unit-III Question Bank	Niraskar
26.	RAMTEKE BHAGYASHRI JITENDRA	3226	Unit-III Question Bank	Ramteke
27.	SAHU CHANDANI JAGERAM	3227	Unit-III Question Bank	Sahu
28.	SARKAR PRIYA SAPAN	3228	Unit-III Question Bank	Sarkar
29.	SONULE YASH ASHOK	3229	Unit-III Question Bank	-
30.	SOPANKAR ARJUN BHIMRAO	3230	Unit-III Question Bank	Sopankar
31.	TEMBHURNE SHWETA SHAIENDRA	3231	Unit-III Question Bank	Shweta
32.	UIKEY NANDINI SURENDRA	3232	Unit-III Question Bank	Uikey
33.	WADASKAR MAYURI PRABHAKAR	3233	Unit-III Question Bank	Mayuri
34.	BOBADE HUMANSHU HEMANT	3234	Unit-III Question Bank	Bobade
35.	DATARKAR PRATIK ANANDRAO	3235	Unit-III Question Bank	Datarkar
36.	DATARKAR SHREYASH BABAN	3236	Unit-III Question Bank	Datarkar
37.	GAWANDE NIKHITA RAJHANS	3237	Unit-IV Question Bank	-
38.	JUNARKAR PRANAY RAJU	3238	Unit-IV Question Bank	Junarkar
39.	KAJALIWALE ADARSH GANESH	3239	Unit-IV Question Bank	Adarshkale
40.	KHAN NEHABANO ISTAR	3240	Unit-IV Question Bank	Khan
41.	MAKODE SHRAWANI ANIL	3241	Unit-IV Question Bank	Makode
42.	NAGRALE AADARSH ROSHAN	3242	Unit-IV Question Bank	-

43.	OLETIWAR ADITYA VILASRAO	3243	Unit-IV Question Bank	<u>W. Letiwar</u>
44.	PACHARE RAJSHREE DIPAK	3244	Unit-IV Question Bank	<u>Shree</u>
45.	SONI ANCHAL BAIJNATH	3245	Unit-IV Question Bank	-
46.	TELANG SRUSHTI CHATURDAS	3246	Unit-IV Question Bank	<u>TeLang</u>
47.	THAKRE PIYUSH DADAJI	3247	Unit-IV Question Bank	<u>Piyush</u>
48.	UIKEY TUSHAR MANOHAR	3248	Unit-IV Question Bank	<u>Tushar</u>
49.	JULME ROHINI BALDEO	3001	Unit- I Question Bank	<u>Julme</u>
50.	KORKOPPULWAR ABHINAY ASHOK	3002	Unit- I Question Bank	<u>K. Abhinay</u>
51.	KUMBHARE BHAVIKA ARVIND	3003	Unit- I Question Bank	<u>B. Kumbhare</u>
52.	MAKODE ANUSHRI VILAS	3004	Unit- I Question Bank	<u>A. Makode</u>
53.	PAUL VINIT VINAY	3005	Unit- I Question Bank	<u>V. Paul</u>
54.	SARKAR SURAJ SUJAN	3006	Unit- I Question Bank	<u>S. Sarkar</u>
55.	SEN SHUBHAM BABURAM	3007	Unit- I Question Bank	<u>S. Sen</u>
56.	THAKRE ABHISHEK VAIBHAV	3008	Unit- I Question Bank	<u>A. Thakre</u>
57.	THENGANE BHARATI SANJAY	3009	Unit- I Question Bank	<u>B. Thengane</u>
58.	TOTADE ABHISHEK HARISHCHANDRA	3010	Unit- II Question Bank	<u>T. Totade</u>
59.	VISHWAKARMA MANSI RAMANKUMAR	3011	Unit- II Question Bank	-
60.	YADAV KHUSHBU CHANDRADEV	3012	Unit- II Question Bank	<u>K. Yadav</u>
61.	SIMRAN JAHAN MD RAHISH	3013	Unit- II Question Bank	<u>S. Jahan</u>
62.	ADKINE NIKITA RAJENDRA	3014	Unit- II Question Bank	<u>N. Adkine</u>
63.	BARAPATRE AMOL NANDKISHOR	3015	Unit- II Question Bank	<u>A. Barapatre</u>
64.	BAWARE SANKET ASHOK	3016	Unit- II Question Bank	<u>B. Baware</u>
65.	DETHE YOGINI RAMBHAU	3017	Unit- II Question Bank	<u>Y. Dethe</u>
66.	DEURKAR JANHAVI MAHADEO	3018	Unit- II Question Bank	<u>J. Deurkar</u>



67.	DHAKATE PRATIKSHA RAJU	3019	Unit- III Question Bank	<u>Pratiksha</u>
68.	DURGE KHUSHI CHARANDAS	3020	Unit- III Question Bank	<u>Khushi</u>
69.	GEDAM AACHAL UTTAM	3021	Unit- III Question Bank	<u>Aachal</u>
70.	GUMMELWAR PRANAY PRAKASH	3022	Unit- III Question Bank	-
71.	JOGI AMISHA KIRAN	3023	Unit- III Question Bank	<u>Amisha</u>
72.	LOKHANDE NANDINI SUNIL	3024	Unit- III Question Bank	<u>Nokhande</u>
73.	NIKHADE SONALI SUDHAKAR	3025	Unit- III Question Bank	<u>Sonali</u>
74.	NIKODE SHUBHANGI SANJAY	3026	Unit- III Question Bank	<u>Shubhanga</u>
75.	PAUL POOJA SHANKAR	3027	Unit- III Question Bank	<u>P. Paul</u>
76.	RAJURKAR RAHUL PRABHAKAR	3028	Unit- IV Question Bank	-
77.	SHEIKH ZOYA PARVEEN BABBU	3029	Unit- IV Question Bank	<u>Sheikh</u>
78.	SHENDE KHUSHI VINOD	3030	Unit- IV Question Bank	<u>Khushi</u>
79.	SHENDE SHRUTI GIRIDHAR	3031	Unit- IV Question Bank	<u>Shruti</u>
80.	SHERKI VANSHITA RAVINDRA	3032	Unit- IV Question Bank	<u>Vanshita</u>
81.	SINGH ANIKET AJEETKUMAR	3033	Unit- IV Question Bank	<u>Aniket</u>
82.	SURPAM RAMESHWARI TEJRAM	3034	Unit- IV Question Bank	<u>Surpam</u>
83.	YADAV DEEPAK CHHOTELAL	3035	Unit- IV Question Bank	-
84.	ZORE VAISHNAVI RAJESH	3036	Unit- IV Question Bank	<u>Vaishnavi</u>
85.	ADKINE SAMRUDDHI HARESH	3101	Unit- I Question Bank	<u>Adkine</u>
86.	DURATKAR PRAJAKTA SHANKAR	3102	Unit- I Question Bank	<u>Prajakta</u>
87.	HIWARKAR SUMIT SHARAD	3103	Unit- I Question Bank	<u>Sumit</u>
88.	NAITAM KIRAN RAVINRDRA	3104	Unit- I Question Bank	-
89.	NANDAGIRKAR PURVESH RAJESH	3105	Unit- I Question Bank	-
90.	ROGE SAKSHI RAJKUMAR	3106	Unit- I Question Bank	-

91.	SANDOKAR POOJA BANDU	3107	Unit- I Question Bank	<u>Pooja</u>
92.	SHEIKH MARIYA FATEMA MOHAMMAD SHOYEB	3108	Unit- II Question Bank	-
93.	SHIKARDAR SHRUTI NARAYAN	3109	Unit- II Question Bank	<u>Shruti</u>
94.	THAKUR TANUSHRI RAJENDRA SINGH	3110	Unit- II Question Bank	<u>Tanushri</u>
95.	THERE PAPITA SHANTARAM	3111	Unit- II Question Bank	<u>Sherey</u>
96.	WALLUJWAR ROHIT PITAMBAR	3112	Unit- II Question Bank	<u>Rohit</u>
97.	WASEKAR SHWETA SHRIDHAR	3113	Unit- II Question Bank	<u>Shweta</u>
98.	YADAV POOJA RAMASHANKAR	3114	Unit- II Question Bank	<u>Pooja</u>
99.	ASUTKAR KARAN SHANKAR	3115	Unit- III Question Bank	<u>Asutkar</u>
100.	BOBADE JAYSHRI DEVIDAS	3116	Unit- III Question Bank	-
101.	DHOPTÉ PARAG TARACHAND	3117	Unit- III Question Bank	<u>Parag</u>
102.	GAUTAM SHAILENDRA ROSHANLAL	3118	Unit- III Question Bank	<u>Shaileendra</u>
103.	GIRADKAR RAHUL BANDU	3119	Unit- III Question Bank	<u>Asi</u>
104.	GIRSAWALE RITIK NILKANTH	3120	Unit- III Question Bank	-
105.	KAMDE VEDANTI RAJENDRA	3121	Unit- III Question Bank	<u>Vedanti</u>
106.	KETAN FANENDRA UMARGUNDAWAR	3122	Unit- IV Question Bank	<u>Ketan</u>
107.	KOTKAR SAKSHI SUBHASH	3123	Unit- IV Question Bank	-
108.	MOHURLE SHRUTI KHUSHAL	3124	Unit- IV Question Bank	<u>Shruti</u>
109.	NEWALKAR PIYUSH SUNIL	3125	Unit- IV Question Bank	-
110.	SINGADE ADITYA KISHOR	3126	Unit- IV Question Bank	-
111.	WAGHMARE PRASHIK BABA	3127	Unit- IV Question Bank	-
112.	YADAV RAHUL GANESH	3128	Unit- IV Question Bank	-

( Dr. U. P. Manik )  
Head, Department of Physics



## Department of Physics

B.Sc. I Sem. II

Internal Assignment for Exam Summer 2023

Sr. No.	Name of Student	Assignment Topic	Signature
1	ADITYA SANTOSH KOLHE	Unit-I question Bank	<i>Aditya</i>
2	BADWAL BHARAT SHANKAR	← Absent →	
3	BAGADE NIKITA DIWAKAR	Unit-I question Bank	<i>Nikita</i>
4	BAJAIT PRANALI KAILAS	Unit-I question Bank	<i>Pranali</i>
5	BALA PRIO PRITISH	Unit-I question Bank	<i>Prio</i>
6	BANIK BABLI ZANTU	Unit-I question Banks	<i>Babli</i>
7	BANSOD SACHIN DINESH	Unit-II question Bank	<i>Sachin</i>
8	BARSAGADE ISHIKA RAJU	← Absent →	
9	BHANDAKAR GAYATRI SUDHIR	Unit-II question Bank	<i>Gayatri</i>
10	BHARADKAR ROSHANI SUSHIL	Unit-II question Bank	<i>Roshani</i>
11	BHOYAR BHARATI TUKARAM	Unit-II question Bank	<i>Bhojar</i>
12	BHOYAR SRUSHTI ASHWIN	← Absent →	
13	BUTLE MITALI RAVINDRA	← Absent →	
14	CHAHARE TANISH SUNIL	← Absent →	
15	CHALAKH RAKHI SANJAY	Unit-II question Bank	<i>Chalakh</i>
16	CHANDANKHEDE VAISHNAVI VIJAY	Unit-III question Bank	<i>Chandankhede</i>
17	CHAUDHARI SARANG GAJANAN	Unit-III question Bank	<i>Sarang</i>
18	CHOUDHARI SANDESH DILIP	← Absent →	
19	CHOUDHARI YASH VIJAY	Unit-III question Bank	<i>Choudhary</i>
20	DABHEKAR VRUNDA SANJAY	← Absent →	
21	DEOTALE KHUSHALI SHESHARAO	← Absent →	
22	DEWANGAN AJAY DWARKALAL	← Absent →	
23	DHARMELWAR SHRIDDHIKA SUNIL	← Absent →	
24	DOMKUNDWAR PRERNA PRAVIN	Unit-III question Bank	<i>P.P. Domkundwar</i>
25	FULZELE SAMIR SURESH	← Absent →	
26	GADEKAR SALONI ARUN	← Absent →	
27	GAMPALA MANEESHA VINOD	Unit-III question Bank	<i>Maneesha</i>
28	GATLEWAR NIDHI SANTOSH	← Absent →	
29	GAWANDE TANVI RAVINDRA	Unit-IV question Bank	<i>Gawande</i>
30	GHATE PRACHI YOGESHWAR	Unit-IV question Bank	<i>Ghate</i>
31	GUDE KHUSHI SANJAY	Unit-IV question Bank	<i>Gude</i>
32	HANUMANTE JANHVI RAJU	Unit-IV question Bank	<i>Hanumante</i>
33	HEPAT ANUSHRI VINOD	Unit-IV question Bank	<i>Hepat</i>
34	HULKE SAKSHI RAVIKUMAR	<i>Sakshi</i> Unit-I question Bank	
35	ISANKAR RUTUJA BABA	Unit-I question Bank	<i>Rutuja</i>
36	ISHWARKAR RUSHABH SHRAWAN	← Absent →	
37	JATHADE SHIVALI KISHOR	← Absent →	
38	JENEKAR SAHIL GAJANAN	Unit-I question Bank	<i>Sahil</i>
39	JULME SHREYA RAMESH	Unit-I question Bank	<i>S.R. Phore</i>



✓ 40	KAKDE PRACHI BHAURAO	Unit - I question Bank	<del>Prachi</del>
✓ 41	<del>KALE-VAIBHAO-VASANTA-</del>	← Absent →	
✓ 42	KATOLE VRUSHALI DINKAR	Unit - II question Bank	Pratole
✓ 43	KAYARKAR NAKSHATRA SHYAM	← Absent →	
✓ 44	KESHWANI OM JITENDRA	← Absent →	
✓ 45	KEWAT NIRAJ NAROTTAM	Unit - II question Bank	Naraj
✓ 46	KHAN ABRAR SIRAJ KHAN	← Absent →	
✓ 47	KHAN RIFATNAZ SABIR	Unit - II question Bank	Rifat Khan
✓ 48	KHAN SOHEL AJAZ	← Absent →	
✓ 49	KHANKE SHARVARI SURESH	Unit - II question Bank	Sharvari
✓ 50	KHANKE YUGAL RAJENDRA	← Absent →	
✓ 51	KHIRATKAR SHRUTI RAJESH	Unit - II question Bank	Shrutika
✓ 52	KHOBRAGADE NIHIRA RAJESH	Unit - III question Bank	Nihira
✓ 53	KHOND SIDDHESH UDAY	Unit - III question Bank	Sukh
✓ 54	KINNAKE YASH AVINASH	← Absent →	
✓ 55	KOSARE ANJALI VILAS	← Absent →	
✓ 56	KUMRE NIKHIL TULSIRAM	Unit - III question Bank	Nikhil
✓ 57	LANDGE PRAJWAL GAJANAN	Unit - III question Bank	Prajwal
✓ 58	LATARE HERAMB SUDHAKAR	Unit - III question Bank	Heramb
✓ 59	LOHKARE VEDANTI SUBHASH	← Absent →	
✓ 60	LOKHANDE SUHANI VIPIN	Unit - IV question Bank	Suhani
✓ 61	LONDHE SRUSHTI LOMESHWAR	Unit - IV question Bank	Londhe
✓ 62	MAHADOLE LEENA RAMESH	Unit - IV question Bank	Leena
✓ 63	MALLELWAR SHRADDHA DIKSHANT	← Absent →	
✓ 64	MALODE KAUMUDINI MANOHAR	Unit - IV question Bank	Kaumudi
✓ 65	MANDADE SAKSHI RAVINDRA	Unit - IV question Bank	Akshita
✓ 66	<del>MANDALE-ACHAL-RUKIRAM-</del>	← Absent →	
✓ 67	MANISH PRAKASH MANUSMARE	Unit - I question Bank	Manish
✓ 68	MANKAR PRASHIK SUDARSHAN	← Absent →	
✓ 69	MEDPALLIWAR ATHRV BAPUJI	← Absent →	
✓ 70	MESHARAM ADITYA ASHOK	← Absent →	
✓ 71	MESHARAM VAISHNAVI MAHESH	← Absent →	
✓ 72	MOTGHARE VISHRANTI VINOD	← Absent →	
✓ 73	NAGAPURE PIYUSH SAINATH	Unit - I question Bank	Piyush
✓ 74	NARANG CHAHAT SANJAY	← Absent →	
✓ 75	NEWARE TANVI GANPAT	← Absent →	
✓ 76	NIMAGADE MOHINI SHASHIKAR	← Absent →	
✓ 77	NIMBALKAR KIRAN AJAY	Unit - I question Bank	Kiran
✓ 78	NIMBALKAR PRACHI SANJAY	Unit - I question Bank	Prachi
✓ 79	PADOLE MEGHNA RAVINDRA	Unit - I question Bank	M.R. Padole
✓ 80	PAKMODE ACHAL MANOJ	Unit - II question Bank	Achal
✓ 81	<del>PANNASE TANVI GOVIND</del>	← Absent →	
✓ 82	PARMANIK DIPSHIKA PRONAB	Unit - II question Bank	Dipshika
✓ 83	PATHAN SOHELKHAN ISMAILKHAN	← Absent →	
✓ 84	PATIL DARSHAN GULABRAO	← Absent →	
✓ 85	PAWAR PARITA GAJANAN	← Absent →	



85	PETKAR NISHANT SANJAY	Unit - II question Bank	<del>Petkar</del>
86	PIHUL SHACHI MOHAN	Unit - II question Bank	<del>Petkar</del>
88	PIMPAL TOSHNA PARMANAND	← Absent →	<del>Petkar</del>
89	PRAJAPATI USHA PHULCHAND	Unit - II question Bank	Usha
90	RAJURKAR ATHARVA AJAY	← Absent →	
91	RAM GULSHANKUMAR BRIJESHKUMAR	← Absent →	
92	RAVIDAS SADHANA RAMBRISH	← Absent →	
93	RIZAVI FIZA AYYUBKHAN	Unit - III question Bank	Sadhana
94	ROHANKAR UDAY RAVINDRA	Unit - III question Bank	Rohankar
95	SARKAR KRISHNA GURUDAS	Unit - III question Bank	Updhan lo or
96	SATPUTE VEDANT VINOD	← Absent →	
97	SELOKAR SAKSHI RAVINDRA	← Absent →	
98	SHARMA PALAK JAIPRAKASH	Unit - III question Bank	Sakshi
99	SHERKI PRAFUL MANGESH	Unit - III question Bank	<del>Sherki</del>
100	SHINGEKAR JANVI CHANDRASHEKHAR	Unit - IV question Bank	Shingekar
101	SIDAM CHAITANYA YASHWANT	Unit - IV question Bank	<del>Sidam</del>
102	SINHA KARAN OMPRAKASH	← Absent →	
103	SONKAR GAURI ASHOK	← Absent →	
104	TAMBAKHE CHITRA SHANKARRAO	Unit - IV question Bank	Tambakar
105	TAMBEKAR PRATHAMESH PARAG	← Absent →	
106	TARAFDAR KHUSHI LALIT	← Absent →	
107	TAWADE ISHA GOPICHAND	Unit - IV question Bank	Tawade
108	<del>TEKAM SHRUTI SUNIL</del>	← Absent →	
109	<del>THAKRE SNEHA KHEMRAJ</del>	← Absent →	
110	<del>THAMKE BHUMIKA VILAS</del>	← Absent →	
111	THAWASE SUPRIYA CHANDRASHEKHAR	Unit - IV question Bank	Thawase
112	THULKAR KHUSHI RAJU	Unit - I question Bank	Thulkar
113	VERMA ZOYA TARUNKUMAR	Unit - I question Bank	Verma
114	WAGH DIPAWALI RAJESH	Unit - I question Bank	Wagh
115	WAGHAMARE SUNIL MADHAV	← Absent →	
116	WANI VIJETA VIKASRAO	Unit - I question Bank	Wani
117	WASEKAR SIDDHANT PRASHANT	Unit - II question Bank	Wasekar
118	WATEKAR BHARATI HARICHANDRA	Unit - II question Bank	Watekar
119	<del>YELBTIWAR APURVA SAGAR</del>	← Absent →	
120	YELKUCHIWAR PIYUSH CHINANNA	Unit - II question Bank	Piyush
121	YERNE SAKSHI SUNIL	Unit - II question Bank	Yerne
122	YEROKAR MAHESHWARI MOHAN	← Absent →	
123	ZADE GAURAV PATRU	Unit - II question Bank	Zade
124	ZADE ISHA BHARAT	Unit - III question Bank	Zade



## Internal Assignment for Exam Summer 2023

Sr. No.	Name of Student	Assignment Topic	Signature
1	AGLAWE DHURV MADHURI		
2	AHUJA MUSKAN MANOHAR	Unit-III wave Acoustic Laser.	<u>Agale</u>
3	ALI AFREEN PARVEEN SAYYED INAYAT ALI	Unit-4 (Laser)	<u>Alalaya</u>
4	ALI SEEMA FATIMA SAYYAD YUNUS	← Absent →	
5	AMBEKAR ANKITA CHANDRAKANT	← Absent →	
6	ANKITA RAVINDRA THAKARE	Unit-II (wave motion)	<u>Ana</u>
7	ASWALE SHRUTI DHANRAJ	Unit-IV (Laser)	<u>Aswale</u>
8	BACCHUWAR VAIDEHI ABHAY	Unit III (Aultrasonic wave & Acousti)	<u>Bacchawar</u>
9	BADKELWAR JAY RAMESH	Unit IV (Laser)	<u>Badkeli</u>
10	BANGARE GANDHARV BALUJI	← Absent →	
11	BAWANE PRANJALI SHRIRAM	← Absent →	
12	BODELE JITESH GULAB	Unit I (Superposition & Harmonic Oscillations)	<u>Bodane</u>
13	BOMMEWAR TUSHAR SANJAY	Unit - IV (Laser)	<u>Bodale</u>
14	BORKUTE RADHIKA WAMAN	(Superposition) of two Harmonic Oscillations)	<u>Tushar</u>
15	BORKUTE VAIBHAV VASANT	Unit-II (wave motion)	<u>Borkute</u>
16	BURANDE ANCHAL RAJESH	(Superposition of two Harmonic oscillations)	<u>Burande</u>
17	BURANDE VAISHNAVI MORESHWAR	Superposition of two Harmonic oscillations	<u>R. Burande</u>
18	CHALAKH ANIKET RAJU	← Absent →	
19	CHAVHAN SEJAL VIJAY SINGH	Unit III + [ultrasonic wave]	<u>Chavhan</u>
20	CHHAGANKAR SAKSHI SANTOSH	Unit III - [ultrasonic wave]	<u>Chhagankar</u>
21	CHHAGANKAR SHRADDHA SANTOSH	Unit III - [ultrasonic wave & Acoustics]	<u>Chhagankar</u>
22	DAKHANE RUCHITA PANDURANG	Unit-III [ultrasonic wave & Acoustics]	<u>Dakhane</u>
23	DANDEKAR PRATIKSHA PRABHAKAR	Unit - 4 (Laser)	<u>Dandekar</u>
24	DANDELE MOHIT PRABHU	wave motion. P1	<u>Dandekar</u>
25	DEOGADE SAHIL SHARAD	← Absent →	
26	DEWANGAN DAMINI GHANSHYAM	← Absent →	
27	DEY MANISHANKAR SAPAN	Unit-III (ultrasonic wave and Acoustic)	<u>De Dandekar</u>
28	DHANORKAR PRAJWAL BANDU	Unit-III [ultrasonic waves and Acoustics]	<u>Dhanorkar</u>
29	DHOBE SEJAL VITTHAL	Unit - I [superposition of two harmonic oscillation]	<u>Dhobekar</u>
30	DUPARE CHETAN MANOJ	Unit (superposition of two Harmonic oscillation)	<u>Dupare</u>
31	GARGELWAR YOGESH VIKAS	Unit - 4 (Laser)	<u>Gargelwar</u>
32	GEDAM SNEHA DIWAKAR	Unit - 4 (Laser)	<u>Gedam</u>
33	GEDEKAR HARSHAD RAMESH	Unit - III (ultrasonic waves & Acoustics)	<u>Gedekar</u>
34	GHADE SANKALP GIRIDHAR	← Absent →	
35	GHADSE SANKALP GIRIDHAR	Unit III [ultrasonic wave]	<u>Ghadse</u>
36	GOMASE PALLAVI PRAKASH	Unit - III [ultrasonic wave]	<u>Gomase</u>
37	GOVARDHAN SHATABDI CHANDRASHEKHAR	Unit - IV (Laser)	<u>Govardhan</u>
38	GOVARDHAN SUJAL MILIND	Unit - I	<u>Govardhan</u>
39	GUNDWAR ASTHA PRASHANT	Unit - IV (Laser)	<u>Gundwar</u>
39	GURJELWAR SHRADDHA RAJESH	Unit - I Superposition of two harmonic oscillations	<u>Gurjelwar</u>



KATHWASAMAN DUKSHOR

40	KALAMBE SHIVANI RAJENDRA		
41	KALE VISHRANTI VINAYAK	Unit-IV [Laser]	Shivani
42	KAMATKAR RUTUJA BALAJI	Unit III (Laser)	Rutuja
43	KAMATWAR KALYANI PRAKASH	unit-I [what are beats... the compound situation]	Prakasha
44	KHAN PATHAN IRSHAD HUSSAIN KHAN	Unit IV [Laser]	Irshad
45	KHARWAR KUMKUM JALESHWAR	Unit II wave motion	Kumkum
46	KHEMASKAR YASH MAHESH	Unit-III [ultrasonic wave]	Yash
47	KULMETHE AYUSH PRAMOD	unit-III [ultrasonic wave]	Ayush
48	KULMETHE KALYANI GANESH	← Absent →	
49	KUMBHARE YASH VILAS	Unit-IV [Laser]	Yash
50	MADAVI JAY RAMESH	Unit IV laser	Jay
51	MAHEK NAZNEEN ABDUL SHARIF	← Absent →	
52	MAJND CHARULATA TULARAM	← Absent →	
53	MARASKOLHE PRATIKSHA SATYAPAL	Unit-II [Derive an expression... waves on stretched string]	Pratiksha
54	MATTE SAKSHI HEMANT	Unit-III [ultrasonic wave]	Sakshi
55	MATTE VAISHNAVI UTTAM	UNIT-IV [Laser]	Uttam
56	MEHTA SHIVANI BRINDAVAN	← Absent →	
57	MESHAM PRAGATI SHAMRAO	Unit - II [Wave motion]	Pragati
58	NALAMWAR DEVAKI SURESH	unit - II [wave motion]	Devaki
59	NAWGHARE GAYATRI SUDHAKAR	unit II [wave motion]	Gayatri
60	NAZ AASHNA ABDUL KHALIL	← Absent →	
61	NEWARE SANSKRUTI EKNATH	Unit IV (wave, acoustic & Laser)	Sanskruti
62	NIMBALKAR VAIBHAV RAMESH	Unit - I [what are beats... the compound oscillation]	Vaibhav
63	NIMJE MAYUR VISHWAS	Unit - wave, acoustic and laser	Mayur
64	PADGELWAR VINAYAK EKNATH	← Absent →	
65	PANDILWAR SAURABH PRASHANT	Unit II (wave motion)	Saurabh
66	PARCHAKE ACHAL SANTOSH	← Absent →	
67	PATALE SHWETA RAMESH	unit III [ultrasonic wave & Acoustic]	Shweta
68	PATIL AJAY MANOJ	Unit II [wave motion]	Ajay
69	PATIL AMIT BABAN	Unit IV [wave acoustic and Laser]	Amit
70	PATIL VISHESH DHIRAJ	super position of two S.H.M.	Vishesh
71	PIPARE AVANTIKA BANDU	← Absent →	
72	PURELLI SAKSHI TIRUPATI	superposition of two harmonic oscillation	Sakshi
73	RAJGADE PRAKTA PRAVINKUMAR	Unit-III (ultrasonic wave & Acoustic)	Prakta
74	RAMTEKE AJAY BABA	UNIT-I [to obtain expression for resultant displacement]	Ajay
75	RANGARI HARSHITA SUKALAL	unit - I	Harshita
76	RAUT NAMITA VINOD	UNIT-II [Wave Motion]	Namita
77	RITHE ROHAN GHANSHYAM	Unit-IV [Laser]	Rithe
78	SAMIKSHA AJAY VIRMALWAR	UNIT - IV (Laser)	Samiksha
79	SANDOKAR TRUPTI DILIP	superposition of two harmonic oscillation	Trupti
80	SATKAR AYUSH CHANDRAKANT	← Absent →	
81	SAYYAD KAUSARBANU SADAKATALI	unit 2: superposition of two harmonic oscillation	Kausar
82	SEN MANUJA KABILAL	Unit-IV [Laser]	Manuja
83	SHANTALWAR SHREYASH VILAS	UNIT-III (ultrasonic wave & Acoustic)	Shreya
84	SHARMA AARTI POONAM	← Absent →	
85		UNIT-IV (Laser)	Aarti



86	SHEIKH MAHEK FATEMA FAROOQUE AHMED	Unit-I (superposit <sup>n</sup> of two Harmonic <sub>oscill<sup>n</sup></sub> )	Mahesh
87	SHEIKH MAHEKNAZ IBRAHIM	Unit-III (ultrasonic wave & Acoustic)	Mahesh
88	SHEIKH MANNATUNPARVIN ANIS	Unit-I (Superposit <sup>n</sup> of two Harmonic)	Mannam
89	SHEIKH MOHAMMAD KAIF ASIF	Unit IV (laser)	Mahesh
90	SHEIKH NAZMIN MOHAMMAD SADIK	Unit-III (ultrasonic wave)	(N) Sheikh
91	SHEIKH SANA NAZ MOHAMMAD SHABBIR	Unit IV (wave, acoustic, laser)	(S) Sana
92	SHEIKH SANIYA JIBRAIL	← Absent →	
93	SHETTY SAKSHI KRISHNA	Unit-4 (laser)	Shetty
94	SHINDE SHRUTI ATUL	Unit-II (wave motion)	Shinde
95	SIDDIQUE SANAFATMA HASANUDDIN	Unit-1 wave <del>no</del> Superposition <del>qu</del>	Sana
96	SUGAT MAROTI MOON	← Absent →	
97	SUMIT MAHESH GIRADKAR	Unit-II (wave motion)	Giradkar
98	THOMBRE OM TEJASVI	Unit III (ultrasonic wave and Acoustics)	Thombre
99	THOMBRE VRUSHALI ASHOK	Unit I Superposition of two Harmonic oscillation	Thombre
100	TURANKAR KRUNAL RAJU	Unit IV Laser	Turankar
101	UIKE SONU PRAMOD	Unit-II (wave motion)	Uike
102	URKUDE GITAI ARVIND	Unit-IV (laser)	Gitai
103	VISHWAKARMA POONAM MAHESHKUMAR	Unit II (wave motion)	Vish
104	WADGURE DEVYANI ANIL	Unit-1 Superposition of two Harmonic oscillation	Devyani
105	WAGHMARE KUSHAWRATI MAROTI	Unit-II (wave motion)	Waghmare
106	WAIKAR UMESH SANJAY		
107	WAKUDKAR VIVEK VIKAS	Unit II wave motion and F.T.	Wakudkar
108	WASAMWAR VISHAL SADANAND	Unit III	Wasamwar
109	WELE SANAD DNYANESHWAR	← Absent →	
110	YADAV RAHUL RAMDARAS	Unit III waves Acoustic and laser	Yadav
111	YADAV ROHAN DINESH	Unit IV waves Acoustic and laser	Yadav
112	YADAV SUDHANSHU KAPIL	Unit IV wave Acoustic and laser	Yadav
113	ZADE KRISHNA RAMESH	← Absent →	
114	ZADE RAHUL SHANKAR	Unit II wave motion and F.T.	Zade
115	ZADE VAISHNAVI MAROTI	← Absent →	
116	ZADE YASH PURUSHOTTAM	← Absent →	
117	ZAINAB NOORI NIYAZ AHMED	Unit III (ultrasonic <sup>and</sup> Acoustic)	Zainab

Done  
8/05/2023

(Dr. U.P. Manik)  
Head of the Physics Dept.



Sardar Patel Mahavidyalaya, Chandrapur  
 Department of Physics  
 B.Sc. III (Sem-VI)  
 Session: 2022-23 (Summer-2023)  
 Paper-I (Nuclear and Particle Physics)  
Assignment List

#95

Sr. No	Name of Student	Roll No.	Assignment Topic	Signature
1.	BAKAL SATVIK	3201	Previous Year Questions	
2.	BALKI NIKHIL	3202	Previous Year Questions	
3.	BANKAR PAYAL	3203	Previous Year Questions	
4.	BRAMHANKAR SHRADDHA	3204	Previous Year Questions	
5.	CHAMARE YUGANDHARA	3205	Previous Year Questions	
6.	CHAUDHARI BHUSHAN	3206	Previous Year Questions	-
7.	DEWAIKAR PRUTHA	3207	Previous Year Questions	
8.	DEWALE SAKSHI	3208	Previous Year Questions	
9.	DEWANGAN YAMINI	3209	Previous Year Questions	
10.	DHAMANKAR NAMITA	3210	Previous Year Questions	
11.	FALE DIPTI	3211	Previous Year Questions	
12.	GARGELWAR DIPALI	3212	Previous Year Questions	
13.	HAJARE ANIKET	3213	Previous Year Questions	-
14.	INGOLE PRATIK	3214	Previous Year Questions	
15.	JAISWAL SHEJAL	3215	Previous Year Questions	
16.	JIWTODE SAMIKSHA	3216	Previous Year Questions	
17.	KARADBHUJE BHAVESH	3217	Previous Year Questions	
18.	KHADSE SALONI	3218	Previous Year Questions	
19.	KOYADWAR VAISHNAV	3219	Previous Year Questions	
20.	KUNGHADKAR SUCHAK	3220	Previous Year Questions	
21.	LODHE NIKITA	3221	Previous Year Questions	
22.	MADAVI GANESH	3222	Previous Year Questions	
23.	MUNGLE ADITI	3223	Previous Year Questions	
24.	NIKURE POOJA	3224	Previous Year Questions	
25.	NIRASKAR TEJASHREE	3225	Previous Year Questions	



26.	RAMTEKE BHAGYASHRI	3226	Previous Year Questions	<u>Bamdeo</u>
27.	SAHU CHANDANI	3227	Previous Year Questions	<u>Chaha</u>
28.	SARKAR PRIYA	3228	Previous Year Questions	<u>Priya</u>
29.	SONULE YASH *	3229	Previous Year Questions	<u>Sonule X</u>
30.	SOPANKAR ARJUN	3230	Previous Year Questions	<u>Sopankar</u>
31.	TEMBHURNE SHWETA	3231	Previous Year Questions	<u>Shweta</u>
32.	UIKEY NANDINI	3232	Previous Year Questions	<u>Uikey</u>
33.	WADASKAR MAYURI	3233	Previous Year Questions	<u>Mayuri</u>
34.	BOBADE HUMANSHU	3234	Previous Year Questions	<u>Humanshu</u>
35.	DATARKAR PRATIK	3235	Previous Year Questions	<u>Pratik</u>
36.	DATARKAR SHREYASH	3236	Previous Year Questions	<u>SB Datarkar X</u>
37.	GAWANDE NIKHITA	3237	Previous Year Questions	-
38.	JUNARKAR PRANAY	3238	Previous Year Questions	<u>Pranay</u>
39.	KAJALIWALE ADARSH	3239	Previous Year Questions	-
40.	KHAN NEHABANO	3240	Previous Year Questions	<u>Neha</u>
41.	MAKODE SHRAWANI	3241	Previous Year Questions	<u>Shrawani</u>
42.	NAGRALE AADARSH *	3242	Previous Year Questions	<u>Nagrale X</u>
43.	OLETIWAR ADITYA	3243	Previous Year Questions	<u>Aditya</u>
44.	PACHARE RAJSHREE	3244	Previous Year Questions	<u>Rajshree</u>
45.	SONI ANCHAL	3245	Previous Year Questions	<u>Anchal</u>
46.	TELANG SRUSHTI	3246	Previous Year Questions	<u>Srushti</u>
47.	THAKRE PIYUSH	3247	Previous Year Questions	<u>Piyush</u>
48.	UIKEY TUSHAR	3248	Previous Year Questions	<u>Tushar</u>
49.	JULME ROHINI	3001	Previous Year Questions	<u>Rohini</u>
50.	KORKOPPULWAR ABHINAY	3002	Previous Year Questions	<u>K. Abhinay</u>
51.	KUMBHARE BHAVIKA	3003	Previous Year Questions	<u>Bhavika</u>
52.	MAKODE ANUSHRI	3004	Previous Year Questions	<u>Anushri</u>
53.	PAUL VINIT	3005	Previous Year Questions	<u>Vinit</u>
54.	SARKAR SURAJ	3006	Previous Year Questions	<u>Suraj</u>
55.	SEN SHUBHAM	3007	Previous Year Questions	<u>Shubham</u>
56.	THAKRE ABHISHEK	3008	Previous Year Questions	<u>Abhishek</u>
57.	THENGANE BHARATI	3009	Previous Year Questions	<u>Bhargave</u>



58.	TOTADE ABHISHEK	3010	Previous Year Questions	<del>Abhishek</del>
59.	VISHWAKARMA MANSI	3011	Previous Year Questions	-
60.	YADAV KHUSHBU	3012	Previous Year Questions	<del>Khushbu</del>
61.	SIMRAN JAHAN MD	3013	Previous Year Questions	<del>Simran</del>
62.	ADKINE NIKITA	3014	Previous Year Questions	<del>Nikita</del>
63.	BARAPATRE AMOL	3015	Previous Year Questions	<del>Amol</del>
64.	BAWARE SANKET	3016	Previous Year Questions	<del>Sanket</del>
65.	DETHE YOGINI	3017	Previous Year Questions	<del>Yogini</del>
66.	DEURKAR JANHAVI	3018	Previous Year Questions	<del>Janhavi</del>
67.	DHAKATE PRATIKSHA	3019	Previous Year Questions	<del>Pratiksha</del>
68.	DURGE KHUSHI	3020	Previous Year Questions	<del>Khushi</del>
69.	GEDAM AACHAL	3021	Previous Year Questions	<del>Aachal</del>
70.	GUMMELWAR PRANAY	3022	Previous Year Questions	-
71.	JOGI AMISHA	3023	Previous Year Questions	<del>Amisha</del>
72.	LOKHANDE NANDINI	3024	Previous Year Questions	<del>Nandini</del>
73.	NIKHADE SONALI	3025	Previous Year Questions	<del>Sonali</del>
74.	NIKODE SHUBHANGI	3026	Previous Year Questions	<del>Shubhangi</del>
75.	PAUL POOJA	3027	Previous Year Questions	<del>Pooja</del>
76.	RAJURKAR RAHUL	3028	Previous Year Questions	-
77.	SHEIKH ZOYA PARVEEN	3029	Previous Year Questions	<del>Zoya</del>
78.	SHENDE KHUSHI	3030	Previous Year Questions	<del>Khushi</del>
79.	SHENDE SHRUTI	3031	Previous Year Questions	<del>Shruti</del>
80.	SHERKI VANSHITA	3032	Previous Year Questions	<del>Vanshita</del>
81.	SINGH ANIKET	3033	Previous Year Questions	<del>Aniket</del>
82.	SURPAM RAMESHWARI	3034	Previous Year Questions	<del>Rameshwari</del>
83.	YADAV DEEPAK	3035	Previous Year Questions	<del>Deepak</del>
84.	ZORE VAISHNAVI	3036	Previous Year Questions	<del>Vaishnavi</del>
85.	ADKINE SAMRUDDHI	3101	Previous Year Questions	<del>Samruddhi</del>
86.	DURATKAR PRAJAKTA	3102	Previous Year Questions	<del>Prajakta</del>
87.	HIWARKAR SUMIT	3103	Previous Year Questions	<del>Sumit</del>
88.	NAITAM KIRAN	3104	Previous Year Questions	-
89.	NANDAGIRKAR PURVESH	3105	Previous Year Questions	-

90.	ROGE SAKSHI	3106	Previous Year Questions	-
91.	SANDOKAR POOJA	3107	Previous Year Questions	-
92.	SHEIKH MARIYA FATEMA	3108	Previous Year Questions	<u>Pooja</u>
93.	SHIKARDAR SHRUTI	3109	Previous Year Questions	-
94.	THAKUR TANUSHRI	3110	Previous Year Questions	<u>Shank</u>
95.	THERE PAPITA	3111	Previous Year Questions	<u>Tara</u>
96.	WALLUJWAR ROHIT	3112	Previous Year Questions	<u>Rohit</u>
97.	WASEKAR SHWETA	3113	Previous Year Questions	<u>Shweta</u>
98.	YADAV POOJA	3114	Previous Year Questions	<u>Yadav</u>
99.	ASUTKAR KARAN	3115	Previous Year Questions	<u>Asutkar</u>
100.	BOBADE JAYSHRI	3116	Previous Year Questions	-
101.	DHOPTÉ PARAG	3117	Previous Year Questions	-
102.	GAUTAM SHAILENDRA	3118	Previous Year Questions	<u>Shailendra</u>
103.	GIRADKAR RAHUL *	3119	Previous Year Questions	<u>R. B. Giradkar</u>
104.	GIRSAWALE RITIK	3120	Previous Year Questions	-
105.	KAMDE VEDANTI	3121	Previous Year Questions	<u>Vedanti</u>
106.	KETAN UMARGUNDAWAR	3122	Previous Year Questions	<u>Ketan</u>
107.	KOTKAR SAKSHI	3123	Previous Year Questions	-
108.	MOHURLE SHRUTI	3124	Previous Year Questions	<u>Shruti</u>
109.	NEWALKAR PIYUSH	3125	Previous Year Questions	-
110.	SINGADE ADITYA	3126	Previous Year Questions	-
111.	WAGHMARERASHIK	3127	Previous Year Questions	-
112.	YADAV RAHUL	3128	Previous Year Questions	-



( Dr. U. P. Manik )  
Head, Department of Physics



# Digital and Analog circuits and Instrumentation Paper - II.

Sr. No.	Name of Student	Assignment Topic	Signature
1	ADKINE NIKITA RAJENDRA		
2	ADKINE SAMRUDDHI HARESH	Unit - IV	<del>Nalini</del>
3	AMOL NANDKISHOR BARAPATRE	Unit - III	<del>Adkine</del>
4	ASUTKAR KARAN SHANKAR	Unit - IV	<del>A. Barapatre</del>
5	BAKAL SATVIK ISHWAR		Ab
6	BALKI NIKHIL BANDU	UNIT - I	<del>Ab</del>
7	BANKAR PAYAL PRAKASH	Unit - I	<del>Bankar</del>
8	BAWARE SANKET ASHOK	Unit I	<del>Jayal</del>
9	BOBADE HUMANSHU HEMANT	Unit - IV	<del>Shanket</del>
10	BOBADE JAYSHRI DEVIDAS	Unit - II	<del>Ab</del>
11	BRAMHANKAR SHRADDHA PRAKASH		Ab
12	CHAMARE YUGANDHARA SATISHRAO	Unit - I	<del>Shoddher</del>
13	CHAUDHARI BHUSHAN TULSHIDAS	Unit - I	<del>Chaudhari</del>
14	DATARKAR PRATIK ANANDRAO	Unit - I	<del>Pratik</del>
15	DATARKAR SHREYASH BABAN	Unit - II	<del>Kavita</del>
16	DETHE YOGINI RAMBHAU	Unit - II	<del>Dethe</del>
17	DEURKAR JANHAVI MAHADEO	Unit IV	<del>Deurkar</del>
18	DEWAIKAR PRUTHA SANDIP	Unit - IV	<del>Deurkar</del>
19	DEWALE SAKSHI DILIP	Unit - I	<del>Pavna</del>
20	DEWANGAN YAMINI DADURAN	UNIT - I	<del>Sakshi</del>
21	DHAKATE PRATIKSHA RAJU	Unit I	<del>Yamini</del>
22	DHAMANKAR NAMITA KISHOR	Unit - IV	<del>Dhamankar</del>
23	DHOPTÉ PARAG TARACHAND	Unit I	<del>Parag</del>
24	DURATKAR PRAJAKTA SHANKAR		Ab
25	DURGE KHUSHI CHARANDAS	Unit III	<del>Jayal</del>
26	FALE DIPTI ARUN	Unit IV	<del>Blunge</del>
27	GARGELWAR DIPALI MADHUKAR	Unit I	<del>Dipali</del>
28	GAUTAM SHAILENDRA ROSHANLAL	Unit I	<del>Gautam</del>
29	GAWANDE NIKHITA RAJHANS	Unit III	<del>Shankar</del>
30	GEDAM AACHAL UTTAM		Ab
31	GIRADKAR RAHUL BANDU	Unit - IV	<del>Giradkar</del>
32	GIRSAWALE RITIK NILKANTH		Ab
33	GUMMELWAR PRANAY PRAKASH		Ab
34	HAJARE ANIKET BHIWAJI		Ab
35	HIWARKAR SUMIT SHARAD	Unit - III	<del>Sumit</del>
36	INGOLE PRATIK PRAMOD	Unit - I	<del>Pratik</del>
37	JAISWAL SHEJAL SANJAY	Unit - I	<del>Shejal</del>



Sl. No.	Name	Unit	Signature
38	JITODE SAMIKSHA RAMKRUSHNA		
39	JOGI AMISHA KIRAN	UNIT - I	Jitode
40	JULME ROHINI BALDEO	(Unit IV)	<del>Stomish</del>
41	JURIARKAR PRANAY RAJU	(Unit IV)	<del>Ab</del>
42	KAJALIWALE ADARSH GANESH	UNIT - II	<del>Book</del>
43	KAMDE VEDANTI RAJENDRA		Ab
44	KARADBUJE BHAVESH MOTIRAH	UNIT - III	<del>Unit</del>
45	KHADSE SALONI SUDHAKAR	UNIT - I	<del>Khadse</del>
46	KHAN NEHABANO ISTAR	Unit - II	<del>Khadse</del>
47	KORKOPULWAR ABHINAY ASHOK	Unit - II	<del>Ab</del>
48	KOTKAR SAKSHI SUBHASH	Unit - IV	Kabhinay
49	KOYADWAR VAISHNAV VEJAY		Ab
50	KUMBHARE BHAVIKA ARVIND	Unit - I	<del>Vaistav</del>
51	KUNGHADKAR SUCHAKBANDU	Unit - IV	<del>Khadse</del>
52	LODHE NIKITA VINOD	Unit - I	<del>Khadse</del>
53	LOKHANDE NANDINI SUNIL	Unit - I	<del>Ab</del>
54	MADAVI GANESH SANJAY	Unit - IV	<del>Khadse</del>
55	MAKODE ANUSHRI VILAS	Unit - II	<del>Khadse</del>
56	MAKODE SHRAWANI ANIL	Unit - IV	<del>Khadse</del>
57	MOHURLE SHRUTI KHUSHAL	Unit - II	<del>Khadse</del>
58	MUNGLE ADITI JAIRAJ	Unit - III	<del>Shruti</del>
59	NAGRALE AADARSH ROSHAN	UNIT - I	<del>Book</del>
60	NAITAM KIRAN RAVINDRA		Ab
61	NANDAGIRKAR PURVESH RAJESH	Unit III	<del>Shruti</del>
62	NEWALKAR PIYUSH SUNIL		Ab
63	NIKHADE SONALI SUDHAKAR	Unit - IV	<del>Khadse</del>
64	NIKODE SHUBHANGI SANJAY	Unit IV	<del>Khadse</del>
65	NIKURE POOJA SURENDRA	UNIT - I	<del>Ab</del>
66	NIRASKAR TEJASHREE ARUNRAO	Unit I	<del>Khadse</del>
67	OLETIWAR ADITYA VILASRAO	Unit II	<del>Khadse</del>
68	PACHARE RAJSHREE DIPAK	Unit - II	<del>Khadse</del>
69	PAUL POOJA SHANKAR	Unit - III	<del>Khadse</del>
70	PAUL VINIT VINAY	UNIT - IV	<del>Khadse</del>
71	RAJURKAR RAHUL PRABHAKAR		Ab
72	RAMESHWARI TEJRAM SURPAM	Unit III	<del>Khadse</del>
73	RANTEKE BHAGYASHRI JITENDRA	Unit - I	<del>Khadse</del>
74	RDGE SAKSHI RAJKUMAR		Ab
75	SAHU CHANDANI JAGERAM	Unit - I	<del>Khadse</del>
76	SANDOKAR POOJA BANDU	Unit III	<del>Khadse</del>
77	SARKAR PRIYA SAPAN	Unit - I	<del>Khadse</del>
78	SARKAR SURAJ SUJAN	Unit - I	<del>Khadse</del>
79	SEN SHUBHAM BABURAM	Unit - I	<del>Khadse</del>
80	SHEIKH MARIYA FATEMA MOHAMMAD SHOYEB		Ab
81	SHEIKH ZOYA PARVEEN BABBU	UNIT - IV	<del>Khadse</del>
82	SHENDE KHUSHI VINOD	Unit - IV	<del>Khadse</del>
83	SHENDE SHRUTI GIRIDHAR	Unit IV	<del>Khadse</del>



84	SHERKI VANSHITA RAVINDRA	Unit - IV	<u>Shankar</u>
85	SHIKARDAR SHRUTI NARAYAN	Unit - III	<u>Shankar</u>
86	SIMRAN JAHAN MD. RAHISH	Unit - IV	<u>Shankar</u>
87	SINGADE ADITYA KISHOR	Unit - IV	<u>Shankar</u>
88	SINGH ANIKET AJEETKUMAR	Unit - IV	<u>Shankar</u>
89	SONI ANCHAL BAIJNATH	UNIT - II	<u>Shankar</u>
90	SONULE YASH ASHOK	UNIT - II	<u>Shankar</u>
91	SOPANKAR ARJUN BHIMRAO	UNIT - II	<u>Shankar</u>
92	TELANG SRUSHTI CHATURDAS	UNIT - II	<u>Shankar</u>
93	TEMBHURNE SHWETA SHAILENDRAO	UNIT - II	<u>Shankar</u>
94	THAKRE ABHISHEK VAIBHAV	UNIT - IV	<u>Shankar</u>
95	THAKRE PIYUSH DADAJI	Unit II	<u>Shankar</u>
96	THAKUR TANUSHRI RAJENDRA SINGH	Unit III	<u>Shankar</u>
97	THENGANE BHARATI SANJAY	Unit IV	<u>Shankar</u>
98	THERE PAPITA SHANTARAM	Unit III	<u>Shankar</u>
99	TOTADE ABHISHEK HARISHCHANDRA	Unit IV	<u>Shankar</u>
100	UIKEY NANDINI SURENDRA	Unit - II	<u>Shankar</u>
101	UIKEY TUSHAR MANOHAR	Unit - II	<u>Shankar</u>
102	UMARGUNDAWAR KETAN FANENDRA	Unit III	<u>Shankar</u>
103	<del>VISHWAKARMA MANSI RAMANKUMAR</del>		<u>Shankar</u>
104	WADASKAR MAYURI PRABHAKAR	Unit - II	<u>Shankar</u>
105	WAGHMARE PRASHIK BABA	Unit III	<u>Shankar</u>
106	WALLUJWAR ROHIT PITAMBAR	Unit - III	<u>Shankar</u>
107	WASEKAR SHWETA SHRIDHAR	Unit - IV	<u>Shankar</u>
108	YADAV DEEPAK CHHOTELAL	Unit - IV	<u>Shankar</u>
109	YADAV KHUSHBU CHANDRADEV	Unit - III	<u>Shankar</u>
110	YADAV POOJA RAMASHANKAR	Unit - III	<u>Shankar</u>
111	YADAV RAHUL GANESH	Unit - IV	<u>Shankar</u>
112	ZORE VAISHNAVI RAJESH	Unit - IV	<u>Shankar</u>

Shankar  
8/05/2023

(Dr. U.P. Manik)  
Head of the Physics Dept.

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

SESSION 2022-23

P.G. DEPARTMENT of PHYSICS

M.Sc. - I (SEM-I)

ASSIGNMENT TOPIC LIST

SR NO.	NAME OF STUDENT	PAPER-I MATHEMATICAL PHYSICS	PAPER-II COMPLEX ANALYSIS AND NUMERICAL METHODS	PAPER-III ELECTRONICS	PAPER-IV ELECTRODYNAMICS I
1	AMIT V. GONDHALI	<ul style="list-style-type: none"> <li>• Curvilinear co-ordinate system</li> <li>• Physical ideas about divergence, gradient &amp; curl</li> </ul>	<ul style="list-style-type: none"> <li>• Definition of complex number</li> <li>• Equality of complex number</li> <li>• Complex algebra</li> </ul>	<ul style="list-style-type: none"> <li>• Electronics semiconductor discrete device recharacteristic curve and physics of p-n junction</li> </ul>	<ul style="list-style-type: none"> <li>• Electrostatics - Coulomb's law</li> <li>• Electric field</li> <li>• Field lines and their properties</li> <li>• Problems</li> </ul>
2	ANJALI L. BANWADE	<ul style="list-style-type: none"> <li>• Fourier Series- definition, Dirichlet's condition</li> </ul>	<ul style="list-style-type: none"> <li>• Conjugate complex number</li> <li>• Geometrical representation of complex number</li> </ul>	<ul style="list-style-type: none"> <li>• Schottky diode</li> <li>• Tunnel diode</li> </ul>	<ul style="list-style-type: none"> <li>• Dirac delta function and their properties with example</li> <li>• Charge distribution</li> </ul>
3	CHETANA S. DHAWAS	<ul style="list-style-type: none"> <li>• Fourier Integral &amp; Fourier Transform</li> </ul>	<ul style="list-style-type: none"> <li>• Geometrical representation of sum, difference, product and quotient of complex number</li> </ul>	<ul style="list-style-type: none"> <li>• MOS diode</li> <li>• BJT</li> </ul>	<ul style="list-style-type: none"> <li>• Gauss's law</li> <li>• Differential form of gauss law</li> <li>• Application of gauss law</li> </ul>



4	DURGA D. BHOJEKAR	<ul style="list-style-type: none"> <li>Convolution theorem</li> <li>Poincaré's identity</li> </ul>	<ul style="list-style-type: none"> <li>Cauchy-Riemann condition</li> <li>Analytic function</li> </ul>	<ul style="list-style-type: none"> <li>JFET</li> <li>MOSFET</li> </ul>	<ul style="list-style-type: none"> <li>Electric potential</li> <li>Electrostatic potential energy</li> </ul>
5	MAHIMA K. CHOUDHARI	<ul style="list-style-type: none"> <li>Elementary ideas about tensors</li> <li>Cartesian tensors</li> </ul>	<ul style="list-style-type: none"> <li>Multiply connected region</li> <li>Cauchy theorem</li> </ul>	<ul style="list-style-type: none"> <li>UJT</li> <li>SCR</li> </ul>	<ul style="list-style-type: none"> <li>Poisson and Laplace's equation</li> </ul>
6	MONALI D. LONBALE	<ul style="list-style-type: none"> <li>Laplacian of Cartesian tensor</li> <li>Non-Cartesian tensor</li> </ul>	<ul style="list-style-type: none"> <li>Cauchy integration formula</li> <li>Derivatives</li> <li>Problem</li> </ul>	<ul style="list-style-type: none"> <li>Opto-electronic device (photo-diode, solarcell, LED, LCD, photo transistor)</li> </ul>	<ul style="list-style-type: none"> <li>Boundary value problems</li> <li>Uniqueness theorem</li> </ul>
7	NAJINI S. RAUT	<ul style="list-style-type: none"> <li>Laplacian of Non-Cartesian tensor</li> <li>Laplace transform of elementary function</li> </ul>	<ul style="list-style-type: none"> <li>Poles</li> <li>Branch points</li> </ul>	<ul style="list-style-type: none"> <li>Application of semiconductor device in linear and digital circuit—Zener regulated power supply</li> </ul>	<ul style="list-style-type: none"> <li>Green's theorem</li> </ul>
8	NIRBHAY V. WANI	<ul style="list-style-type: none"> <li>Linear vector spaces—linear independent bases</li> </ul>	<ul style="list-style-type: none"> <li>Calculus of Residues—Residues Theorem</li> </ul>	<ul style="list-style-type: none"> <li>Transistor (bipolar, MOSFET, JFET) as an amplifier</li> </ul>	<ul style="list-style-type: none"> <li>Method of images</li> <li>Method of separation of variable by Cartesian co-ordinates system</li> </ul>
9	RIYA S. TUMRAM	<ul style="list-style-type: none"> <li>Dimensionality</li> <li>Inner product</li> </ul>	<ul style="list-style-type: none"> <li>Pole expansion of Meromorphic function</li> </ul>	<ul style="list-style-type: none"> <li>Coupling of amplifier stage</li> <li>R-C coupled amplifier</li> </ul>	<ul style="list-style-type: none"> <li>Method of separation of variable by spherical &amp; cylindrical co-ordinates system</li> </ul>

10	SADAF N. ANSARI	<ul style="list-style-type: none"> <li>Linear transformation</li> <li>Caley Hamilton theorem</li> </ul>	<ul style="list-style-type: none"> <li>Product expansion of entire function</li> <li>Problem</li> </ul>	<ul style="list-style-type: none"> <li>Feedback in amplifier and oscillator</li> </ul>	<ul style="list-style-type: none"> <li>Multipole expansion</li> </ul>
11	SAKSHI S. URKUDE	<ul style="list-style-type: none"> <li>Eigen vectors &amp; eigen value problem</li> </ul>	<ul style="list-style-type: none"> <li>Bisection method</li> </ul>	<ul style="list-style-type: none"> <li>Clipping and Clamping circuits</li> </ul>	<ul style="list-style-type: none"> <li>Biot-Savart law</li> <li>Ampere's law and its differential form with its application</li> </ul>
12	SAMIKSHA R. DONGE	<ul style="list-style-type: none"> <li>Laplacian of Cartesian tensor, non-cartesian tensor</li> </ul>	<ul style="list-style-type: none"> <li>False position method</li> </ul>	<ul style="list-style-type: none"> <li>Transistor as a switch OR, AND &amp; NOT gate</li> </ul>	<ul style="list-style-type: none"> <li>Vector potential</li> <li>Magnetic field of a localized current distribution</li> </ul>
13	SANDEEP G. RAI	<ul style="list-style-type: none"> <li>Linear differential equation</li> </ul>	<ul style="list-style-type: none"> <li>Iteration method</li> </ul>	<ul style="list-style-type: none"> <li>Digital integrated circuit-NAND &amp; NOR gate building block</li> <li>X-OR &amp; X-NOR gate</li> </ul>	<ul style="list-style-type: none"> <li>Magnetic moment</li> <li>Magnetostatic boundary condition</li> <li>Magnetic shielding</li> </ul>
14	SHRUTI R. DHOKE	<ul style="list-style-type: none"> <li>Laguerre function</li> <li>Hermite</li> <li>Legendre polynomials</li> </ul>	<ul style="list-style-type: none"> <li>Newton-Raphson method</li> </ul>	<ul style="list-style-type: none"> <li>Simple combinational circuit - half &amp; full adder</li> <li>Flip-Flops</li> </ul>	<ul style="list-style-type: none"> <li>Faraday's law</li> <li>Maxwell displacement current</li> </ul>
15	SNEHA P. KAMBLE	<ul style="list-style-type: none"> <li>Special Bessel's function</li> </ul>	<ul style="list-style-type: none"> <li>Secant method</li> </ul>	<ul style="list-style-type: none"> <li>Multivibrators (using transistor) and Sweep generator (using transistor, UJT &amp; S.C.C)</li> </ul>	<ul style="list-style-type: none"> <li>Maxwell equation</li> <li>Maxwell equation in matter</li> </ul>



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

SESSION 2022-23

P.G. DEPARTMENT of PHYSICS

M.sc. – II (SEM-III)

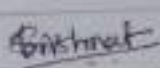
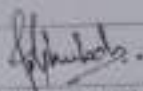
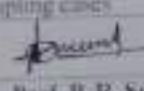
ASSIGNMENT TOPIC LIST

SR NO.	NAME OF STUDENT	PAPER - I QUANTUM MECHANICS-II	PAPER – II SOLID STATE PHY& SPECTROSCOPY	PAPER – III ATOMIC & MOLECULAR PHYSICS	PAPER – IV FUNDAMENTALS OF NANOSCIENCE & NANOTECHNOLOGY
1	RINA BANGADE	Relation of statistic with spin ortho and para state of helium atom.	Order in solid crystal classes & system. 2d & 3d lattice	Quantum states of an electron in an atomic electron spin, spectrum of hydrogen, Relativistic correction for energy of hydrogen	Introduction to quantum physics, electron as waves, wave mechanics
2	ABHISHEK BHANDAKKAR	Scattering Theory	Space groups, concept & point groups, symmetry operations	Spectrum of helium & alkali atom, Basic principles of interactions of spin and applied magnetic field	Schrodinger equation and particle in a box, Heisenberg's uncertainty principle
3	ASMITA BORKAR	System of identical particle	Reciprocal lattice, structure factor, miller indices with problems	Concept of NMR spectroscopy, concept of spin-spin and spin-lattice relaxation.	Exclusive principle, free electron theory (qualitative idea) and its features

4	CHAITALEE DANGE	Phase shift and their importance	Bonding of common crystal structures with example & their properties in detail	Chemical shift, spin-spin coupling between two or more nuclei, chemical analysis using NMR	Idea of band-structure, density of states for zero-, one-, two- and three-dimensional materials
5	KOMAL DEOTALE	Relativistic wave equation	Structure factors in solids, short- & long-Range order in liquids & solids, liquid crystal, quasi crystals and glasses	Mossbauer effect-Recoil less emission of gamma rays, chemical shift, magnetic hyperfine interaction	Quantum confinement, quantum wells, wires, dots, factor affecting to particle size
6	KOMAL DHANDRE	Dirac relativistic equation	Diffraction in crystal & its difficult methods in detail	Electron spin resonance, experiment hyperfine structure & isotopic width of spectral line	The p-n-junction & bipolar transistor, metal semiconductor
7	KHEMLATA DHARNE	Equation of an electron in an electromagnetic field & explanation of the magnetic moment due to the electron spin	Defect: vacancies, point defects, line defects and stacking faults with different types of defects	LS & JJ-coupling, Zeeman, Paschen back & stark effect	Metal insulator, semiconductor junction, field effect transistor
8	POOJA DURGE	Scattering cross section in laboratory and centre of mass system	Burger vector and Burger circuit, presence of dislocation	Spontaneous and stimulated emission, Einstein A & B coefficients, LASERS	Properties of nanomaterials- Mechanical, thermal, electrical
9	KUSHAL INGALE	Born Oppenheimer Approximation	Dislocation motion, perfect and imperfect dislocations, slip directions, dislocation reaction	Optical pumping, population inversion, rate equation, modes of resonators and coherence length	Properties of Nanomaterials- Optical, magnetic & structural
10	SANDHYA KATLA	WKB method and its application	Dielectric properties, Polarization mechanism (Clausius-Mossotti)	Role of resonant cavity, three & four level systems	Carbon Nanostructures- Fabrication, Structure
11	PRATIMA MANDAL	Time Independent Perturbation theory	Equation, piezo, pyro and ferroelectricity	Ammonia MASER, RUBY Lasers Applications	Carbon Nanostructures - electrical properties, mechanical properties



12	PRADNYA MESHAM	Negative energy state	Quantum state of an electron in an atom, electron spin	He-Ne, Co <sub>2</sub> Laser applications	Physical methods- Bottom up- ball milling, melt mixing
13	PRATIK MOHURLE	Solution for hydrogen atom in Dirac's theory	Spectrum of helium & alkali atom	Dye Laser, diode lasers, Lasers applications	Physical methods- Physical vapour deposition, ionised cluster beam deposition laser pyrolysis
14	ARTI MUCHHOT	Einstein's atomic radiation, Einstein's A & B coefficient and their calculations	Some features of one-electron and two electron atoms, relativistic corrections for energy levels of hydrogen atom, hyperfine structure and isotopic shift, width of spectrum line	Rotational, vibrational and Raman spectra of diatomic molecules	Physical methods- Sputter deposition electric arc deposition, gas evaporation
15	NUTAN NIKODE	Fermi Golden Rule	LS & JJ coupling, inner shell vacancy, X-rays and Auger transitions, chemical shift, Frank-Condon Principle	Quantum theory, molecular polarizability, intensity alteration in Raman spectra of diatomic molecules	Chemical methods- Hydrothermal combustion, bath deposition with capping techniques and top down
16	PRANALI POTDUKE	Resonance Scattering	Types of molecules, electronic spectra of diatomic molecule, selection rule	Experimental setup for Raman spectroscopy in the structure determination of simple molecule	Chemical vapour deposition, synthesis of metal
17	MONIKA ROY	Klein - Gordon equation and initial difficulties in interpreting its solution	Rotational spectra of diatomic molecule, selection rule	Polyatomic molecules, symmetric top asymmetric top molecules, Hund's rule	Semiconductor nanoparticles by colloidal route, Microemulsion
18	JASVEER KAUR SANDHU	Spin orbital interaction	Vibrational spectra of diatomic molecule, selection rule	Electronic spectra of diatomic molecule, Born Oppenheimer approx.	Sol - gel method, combustion method, wet chemical method

19	AMOL SONWANE	Normal Zeeman effect and Anomalous Zeeman Effect	Raman spectra of diatomic molecule, selection rule	Vibrational coarse structure of electronic bands, intensity of electronic bands	Biological building blocks, Nanomaterials
20	KANCHAN YADAV	First order stark effect in the ground and first excited state of hydrogen atom	Morse potential energy wave molecules as vibrating rotator, PQR branches	Frank Condon principle, selection rules, dissociation and pre-dissociation.	Protein Nanoparticles, DNA double nanowire
21	SHIVANI ZADE	Variational principle and it's Application	ESR Spectroscopy, chemical shift	Dissociation energy, rotational fine structure of electronic bands	Bio Nanotechnology- Micelles, vesicles, multilayer films
22	GAYATRI RAGIT	Deuteron in Yukawa potential	NMR Spectroscopy, chemical shift	General treatment of molecular orbitals, Hund's coupling cases	Biological interaction, bilayers, bioelectronics & biosensors
SIGNATURE		 Prof. S. K. Bachech	 Prof. P. S. Ghuhde	 Prof. P. R. Sonune	Prof. P. L. Mishra

Note : Submit your assignment on 26<sup>th</sup> Sept 2022

  
Dr. Urvasi F. Manik

Head Department of Physics,  
Sarfaraz Patel Mahavidyalaya, Chandrapur