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

❖ <u>Activity 1</u>



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. The 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.

❖ <u>Activity 2</u>



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& 21th 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 February2023 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. won1st 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.ScI |
| 02 | Ms. Sadaf Ansari | M.ScI |
| 03 | Ms. Pradnya Meshram | M.ScII |
| 04 | Ms. Rina Bangde | M.ScII |
| 05 | Ms. Bhagyashree Ramteke | B.ScIII |
| 06 | Ms. Nandini Uikey | B.ScIII |
| 07 | Ms. Suraj Sarkar | B.ScIII |
| 08 | Mr. Manishankar Dey | B.ScII |
| 09 | Mr. Sujal Govardhan | B.ScII |
| 10 | Mr. Heramb Latare | B.ScI |
| 11 | Ms. Pranali Bajait | B.ScI |

* 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.

Date:-1/10/2022 Department of Physics

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

| Attendance List | (Class B.Sc.I) |) |
|-----------------|----------------|---|
|-----------------|----------------|---|

| Attendance List (Class B.Sc.) | | | | |
|---|-----------------------------|---|--|--|
| Sr.No | Name of the Students | Mobile No | Signature | |
| 1. | Maneesha N Giampala | TOUSUADERS | Manacaha | |
| 2. | Graute Ashak Sonkak | 7798190915 | (Bont at | |
| 3. | Sadharo Rambrish Raviday | 7875718024 | Backaro | |
| 4. | Meghna Ravindra Padole | 437.2441296 | M-R-Padolle | |
| 5. | Janhvi.R. Hamumante | 7972932542 | Trumank | |
| 6. | Nitrim R. Khohmagad | 9404G2.7875 | allie | |
| 7. | Supriya 4. Thousable | 7083404419 | Jan 19 Ja | |
| 8. | Prachi y Ginate | 7972407130 | Onete | |
| 9, | Makshatra S Kallarkar | Maria de la companya della companya | Askajarokar | |
| 10. | Shrati R. Khisaltan | 8468997228 | Himler | |
| 11. | Shouwari - 3. Khanke | 8989319074 | Sharmeni. | |
| 12. | Zoya T Venna | 8383247533 | 24 Park | |
| 13. | Fiza A . Khan Rizvi | 7387328474 | | |
| 14. | Rifering Sabus Ham | 8623023786 | Matthew . | |
| 15. | Presna - Prairin Dankundwar | 88 30 930984 | Pomo keuntwas | |
| 40.00 | Sharhi Mohan Pihul | 2011784860 | Town hard | |
| 17. | Janui C. Shiringetak | 8055782279 | | |
| 18. | Bhazati T Bhoyar | 8554046308 | Theyon | |
| | Pranali K. Bajait | 8626003675 | Pranalis | |
| 20. | Shreta L. wenhai | 8010813113 | _3 undhal | |
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❖ <u>Activity 4</u>

A Report on

"Fabrication of Furnace"

Department of Physics organized a workshop on *Fabrication of Furnace*, 23rd March 2023 at the Abdul Shafi Hall of Sardar Patel Mahavidyalaya, Chandrapur. In this workshop35 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"

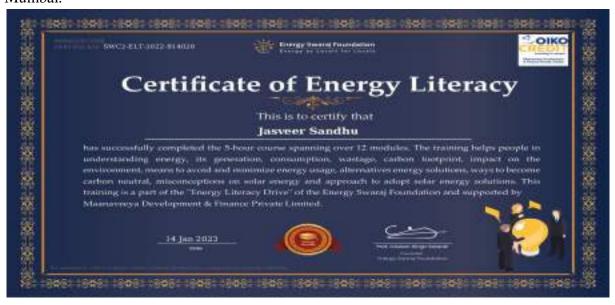
Attendance List

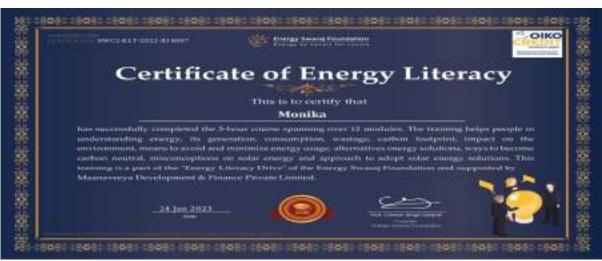
Date:-23/03/2023

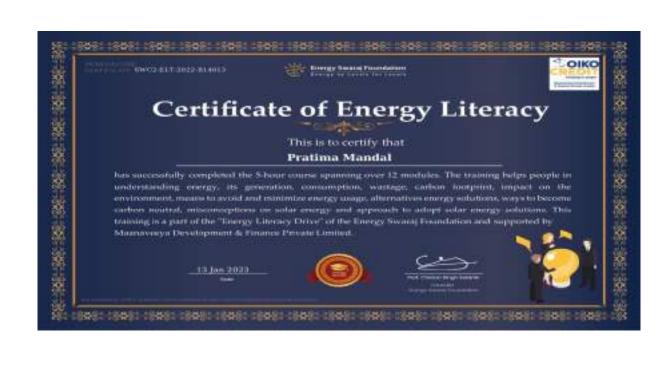
| | Attendance List Date: 23/ | | | |
|------|---|-----------------|--------------|---------------|
| S.N. | Name of the Students | Class | Mobile No. | Signature |
| 1 | Chetana S. Dhawal | Mer 1st un. | 71.00/00175 | Chaval |
| 2 | Vedanti K. Chichmalka | Msc Istyon | 9890744944 | votion |
| ,3 | Vedanti K. Chichmalka Sneha P. Kamble | -11- | 9689255531 | Spehre |
| 4 | 8 may R. Dhoke | -11- | 8975057470 | - Bhace |
| 5 | Kedareshaani Dayaloo | 1 -11- | 8888252205 | Com |
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| 7 | Sakshi S. Urkude. | -11- | 3356615389 | Quekudo |
| 8 | swati N wadehane | 11- | 7620243517 | Touliste. |
| 9 | Nalini S. Raut | 11- | 7744928588 | Charles A |
| 10 | Dugo Pilip Blogekar | -11- | 9604240156 | mojery. |
| 11 | monale nilip lanbale | | 8605575698 | forwards |
| 12 | sadof Ansan | -11- | 8624087184 | Suscer |
| 13 | Bandeep Rai | -11 | 980016800 | A |
| 14 | VIKas Buradkar | -11 - | 9822568235 | Qiseass. |
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| 16 | Nixiphay V. Mont | -11- | 9511280171 | A godlai |
| 17 | Vinay . S. Dawar Riya s. Tumram Anjali B. Crudpalle | - N - | 8830863315 | Per . |
| 18 | Riya 3. Tymram | -11- | 7083119822 | Dumrom |
| 19 | Anjali B. Crudpalle | -111- | 8668755102 | Supelle |
| 20 | Shellsking s. Mutyala | - 4- | 3907903654 | Theilish |
| 21 | Chaitalee R. Dange | M 50 3131 4801 | | |
| 22 | Sandhya Katler | MSC IVA! | 1373301518 | alle He |
| 23 | Kandan Juday | MSC ILYT. | 9579147929 | Karden |
| 24 | Ring Burghle | | 7020787965 | Kardens - |
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❖ <u>Activity 5</u>

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







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

Principal

Department of Physics

Dr. Pramod M. Katkar

Dr. Urvashi P. Manik

S.P. College, Chandrapur



Sorder Patel Mahavidyalaya, Changragha Chang

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

Dr. Sudhir Tiple -such applications come Bor indiamiligmal com

Thu, Bep 7, 2023 m 1135 AM

Invitation for a National Workshop from Back College of Science, Window (M.S.)

Bury, College of Science, Warring is organizing a one day national workshop on the peneficial effects of radiation (extrabiogy and Indian nuclear energy programme in association with the Indian Association of Radiation Protection (IARP), with the support of IAPT on 12th September 2023.

The workshop will cover the latest pavalopments in radiation technology and its benefits in various fields, inducting multiplace, and inclusing it will also provide hence-on practices & demonstrations to the participants in one of the accepting. There will be a special ensules on scientific ratives opportunities.

The total number of seats available for the workshop is 100 and it is open to faculties, selected students of B. Sc. final year and post preduate students. The registration fee for one faculty and two students from the institute is Rt. 500. incividua registration toe is Rs. 200

Don't forget to register by 6th September 7023 to secure your seat. The fee includes access to at setains, warkshop meterisis lunch and refreshments

For more details refer our brochurs and to register yia link:

https://www.gle/AAtvoUCVZi83.TW7

Looking forward to welcoming you to the Tranship City Wardhal

Dr. Sudnir Rarcchangra Tiple Assertant profession, Teacher In-Change (Astro Club), Dept. of Physics, Bejay College of Science, Wardha 442001 Manurashira (INDIA)

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| 3 | Purpose of Workshop | 6 |
| 4 | What We Learnt? | 6 |
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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 cooperation 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 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 renowed 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. <u>Importance of the Workshop</u>

- 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 12rd 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 (Prelunch 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.



Conclution

The experience of this workshop was really fantastic and unforgettable. It was 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. | Prajkta 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 |
| | Faculty Member | |
| 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 20th& 21th 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 st | Seminar |
| 02 | Mr. Manishankar Dey | B.Sc. (SEM-VI) | 2 nd | Seminar |
| 03 | Miss. Bhagyashree Ramteke | B.Sc. (SEM-VI) | 3 rd | Seminar |

* The remaining students have been appreciated with participation certificates.



❖ Miss. Sadaf Ansari Presenting her topic in Seminar Competition

Shityprason Sectionary Joiceof College, Arpent/Morgnon, that Condu

Viducible Universities Physics Teachers Association (VEPTA)

VUPTA STUDENT'S SEMINAR - 2023

Certificate of Participation

or = P courge, Chandrague

has marriedy participated in the Sizes Level "VEPTA STRIBUNE'S SESSISSAR - 2023" Jointly organized by the Department of Physics, Shieperson Systemant Jaiwert College, Athenic Area and Viderbia Conversation Physics, Enchart Association (VUPFA) on Publicary 39-21, 2023

Err. 14 to Chandhart

Pisar, J. N. Bancule

Prof. K. G. Bewalker

9162 Prot. I. S. Mahmeler



Shirpenson! Sudgmand Juterral College, Aspend Morgane, that Q

Vising this Universities Physics Transfers Association (Vinera)

VUPTA STUDENT'S SEMINAR - 2023

Certificate of Participation

This is no certify that Prof /Dr. 34z /Mr. Mrs. Commissions from Access

Day (Sen W)

it _ 5 P. Diahovingo (nga ... Chan Brognin non seriordy participated in the Stea Level CVUPTA STUDIOST'S SEATISFAR - 30330 jointly organised by the Department of Physics, Shrymand Saturagal Janwai College. Arjunablar, and Valactine Universities Physics Teachers Association (VUPTA) on February 30 - 21, 3023

the film was awarded _ De could prize in Seminar / Power competition.

Dr. D. C. Chamillari



Shir present Sodomand Jatswel College, Arjuni/Morgaon, Dist. Gende

Vitarbia Universities Physics Trachers Association (VCSTA)

VUPTA STUDENT'S SEMINAR - 2023

Certificate of Participation

This is an earnity that Production Alexander Misches. Blanches will be a

the agreedy positionally in the flow Core "VUFFA STUDIOS" IS STINAR - 2019 jointly organized by the Ospariment of Physics, Shippeand hadamed Jakoni College. Associated and Vistariaha Universities Physics Touchers Americanian (VIIII A) on February 20.(21, 2023).

petro in Summary Product computation.

-the Dr. D. D. Choudbart

Post F.N. Banentes

Peuf, R. G. Beauthor

Marie Paul 1-3. Otaliurtey

❖ <u>Activity 4</u>

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 https://actascientific.com/ASAP-3-5.php | 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 https://doi.org/10.47191/rajar/v9i4.13 | 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 https://www.ijrti.org/viewpaperforall?paper=IJRTI230 4143 | 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 https://www.journalcra.com/article/ultrasonic-characterization-glucose-aqueous-vitamin-c-solution | 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 https://ijsrst.com/IJSRST523102106 | 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 https://actascientific.com/ASAP-3-5.php | 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 | Application | https://doi.org/10.33545/26647575.2023.v5.i1a.63 | O: 2664- |
|----|---------------|-----------------------------------|---|------------------|
| | and | | | 7583 |
| | P. L. Mishra | | | |
| | R. R. Bangde, | | A Thermo-acoustical Investigation on Amino Acetic | P: 2395- |
| | U. P. Manik | International Research Journal of | Acid in Aqueous KCl Solution | 0072 |
| 08 | and | Engineering and Technology | https://www.irjet.net/volume10-issue4 | O: 2395- 0056 |
| | P. L. Mishra | | | |

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 20102 2023

For B.Sc. I

| Day | Time | Batch | Name of Teacher | Room No. |
|--|-------|--------------------------|---------------------------|-------------|
| Monday | 11:00 | | Prof. Pranali S. Gorghate | Lab (2) Phy |
| A DOMESTIC AND A STATE OF THE S | 11:00 | PARK PARK | Prof. Pranali S. Gorghate | 11 |
| | | The second second second | 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 | 100000000000000000000000000000000000000 | | 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

REMEDIAL CLASS ATTENDANCE

SESSION: 2022-2023 B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate

Coffee.

| S.N. | Name of Student (PCM) |
|------|--|
| 1 | The same of the sa |
| 2 | Sarrang G. Chaydhari Heranib S. Latake |
| 3 | Sharevari 5- Khanke |
| 4 | Yach A bonnanke |
| 5 | Yash A. Kinnake |
| 6 | Babli z. Banik Leena R. Mahadole |
| 7 | Usha P. Prajapati |
| 8 | Vijeta V. Wani |
| 9 | Dipawali R. Wagh |
| 10 | Zoya T. Verma |
| 11 | Khushi R. Thulkan |
| 12 | Gaura P. Zade |
| 13 | Janvi Hanmante |
| 14 | |
| 15 | Monini 8. Himgade |
| 16 | |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

Date: 27/02/2023

Topic Name

Paper-I (Unit-II)

- * Properties of Charges
- or Coulombis Law
- * Electric Field & Electric. Field Intensity
- * Electric Potential
- * Electric Potential Energy
- * Humcuicals
- 1) Find the magnitude of the isolated positive point change which can produce an electric potential of 18 volts at a distance 10 cm from the charge.
- 2) Find the electric potential energy of an electron-proton system of a hydrogen atom.

 Hiren radius of electron orbit

 = 5.29×10 m 4 e=1.6×10 c.

REMEDIAL CLASS ATTENDANCE

SESSION-2022-2023 B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 06/03/2023

| S.N. | Name of Student (PCM) | Topic Nar |
|------|-----------------------|-----------|
| 1 | Mancesha Gampala | Unit T |
| 2 | sarang chaudhaw | Paper-I |
| 3 | Jan hut Hanumante | 1) Defin |
| 4 | Milita thobragade | |
| 5 | Roshani Bharadkaz | Vector |
| 6 | Heramb 8. Latare | 2) Define |
| 7 | | netic si |
| 8 | | 3) State |
| 9 | | Biot - S |
| 10 | | white i |
| 11 | | Vector |
| 12 | | 4) Prope |
| 13 | | |
| 14 | | Ferromo |
| 15 | | Substant |
| 16 | | 5) Defin |
| 17 | | Induction |
| 18 | | 6) Magn |
| 19 | | 7) State |
| 20 | | circutal |

est I (Unit -I) e magnetic Potential e ferromag ubstance. & Explain avart law t in the form. extics of agnetto ce. ne Magnetic 57) setic Intensity & Prove ampere law of Magnetic Field.

REMEDIAL CLASS ATTENDANCE

SESSION-2022-2023 B.Sc. 1 (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate



Date: 20/03/2023

| | 90 | |
|------|-----------------------|--|
| S.N. | Name of Student (PCM) | Topic Name |
| 1 | Sarang G. Chaudhari | Paper-I (Unit-I) |
| 2 | Heramb S. Latque | Revision on Topic |
| 3 | Sharvari s. Khanke | > scalar quantity, |
| 4 | Yash A. Kinnake | |
| 5 | Babli Z. Banik | vector quantity, curl, |
| 6 | Leena R. Mahadole | Gradient, divergence, |
| 7 | Usha P. Pengapati | dot purduct, cross product |
| 8 | Vijeta V. Wani | - I was a superior of the same |
| 9 | Dipawali R. Wagh | * How to calculate dot |
| 10 | Loya T. Veuma | and cross peroduct of |
| 11 | Khushi R. Thulkase | two yeetore. |
| 12 | Hillina khobagade | 3) How to concurate and, |
| 13 | Mancesha Gampala | Gradient, direngence. |
| 14 | Roshani Bharadkar | and the same of th |
| 15 | Janvi Hanmante | 4) Del Operator, Une |
| 16 | | integral, aurface integral |
| 7 | | 5) Unit Test on |
| 8 | | |
| 9 | | Papere-I (Unit-I). |
| 0 | | |

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranall S. Gorghate



Date: 21/02/2023

| | 20 | 1997 |
|------|------------------------|--|
| S.N. | Name of Student (PMCS) | Topic Name |
| 1 | Suhani V. Lokhande | Paper I (Unit+I) |
| 2 | Sachen D. Bansod | Revision of Topic |
| 3 | Praywal or Landge | The second secon |
| 4 | siddhesh U. Khond | *Scalar quantity, |
| 5 | Siddhant P- Wasekare | vector quantity, coul, |
| 6 | Pero P. Bala | Gradient, divergence, |
| 7 | Uday R. Rohankar | dot product, cross product |
| 8 | Mikita D. Bagde | *How to calculate dot & |
| 9 | Khushi L. Tarafdar | |
| 10 | Khashi D. Gude | cross product of two |
| 11 | sakshi s. Yerne | Vector. |
| 12 | Rakhi 3. Chalakh | * How to calculate curd, |
| 13 | Hiraj Ni Kewat | divergence, gradient. |
| 14 | Fira A. K. Rigui | * del operator. |
| 15 | Rutuja B. Isankar | |
| 16 | Janui c. shimgerge | * Line Integral |
| 17 | Bharti H. Watekaz | * surface Integral. |
| 18 | Pranali K. Bajait | |
| 19 | Bharti B. Bhoyan | |
| 20 | Manish P. Manusmare. | |
| 21 | Hishant So Petraz | |
| | | |

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 Rohankare | Paper - I (Unit-II) |
| 2 | Prajural Landge | |
| 3 | Bhaseli Bhoyase | 1) Peroperations of Charges |
| 4 | Pryush S. Magapune | 2) coulomb's law |
| 5 | Pranali K. Bajait | 3) Electric Freid & Electric |
| ь | Siddhesh U. Shond | Red Intensity |
| 7 | Siddhant D. Wasekase | |
| 8 | Suhani V. Lokhande | 9) Electric potential & |
| 9 | Bhaseti H. Watekase | Electric Potential Energ |
| 10 | Janvi C. Skingekare | 5) Numbricals on |
| 11 | Fiza A. Shan fizui | |
| 12 | Shachi H. Pihul | Electric potential & |
| 13 | Miraj M. Kewat | Electric potential |
| 14 | | Sales investigated at the sales and the sales at the sale |
| 15 | | Energy. |
| 16 | | |
| 17 | | |
| 18 | | The state of the s |
| 19 | | |
| 20 | | |

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023 B.Sc. I (Sem-II)

Name of Lecturer: Prof. Pranali S. Gorghate

Date: 21/03/2023

| S.N. | Name of Student (PIVICS) |
|------|--------------------------|
| 1 | Bharti B. Bhoyare |
| 2 | Pranali K. Bajait |
| 3 | Bhaseti H. Watekare |
| 4 | Janvi C. Shimgelsax |
| 5 | Rutuja B. Isankare |
| 6 | Fiza A. K. Rizvi |
| 7 | Hiraj N. Kewat |
| 8 | Rathi 2. Chalath |
| 9 | sakshi s. Yenne |
| 10 | Khushi D. Gude |
| 11 | Bhushi L. Tagafdax |
| 12 | Mikita D. Bagade |
| 13 | Uday R. Robentar |
| 14 | Puio Puitish Bala |
| 15 | Siddhant Prashant Wakkar |
| 16 | siddhesh U. Khond |
| 17 | Prajual G. Landge |
| 18 | Sachin D. Bansod |
| 19 | Quhani V. Lothande |
| 20 | wonde. |

Unit-Test
Paper-I (Unit-I)
Define Scalar
Product of two
Vectors. Show that
A.B. = AxBz + AyBy + AzBz

2) Define Vector product
of two vectors. State
its important characteristics
3) Define gradient of a scalar
field & give its physical
significance.
4) Curl (BZ) - down Z1 and 1.2

4) curl (\$\vec{A}) = \phi (url \vec{A} + grad \phi x \vec{A}

5) Define del operator.

6) Define line integral.

7) Define surface integral.

8) Explain scalar & vector

mutually perpendicular.

10) Find the divergence of a vector \$\vec{A} = \text{XYI} + \text{YZI} + \text{ZXK} at Point (1,1,-1).

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023 B.Sc. 1 (Sem-II)

Name of Lecturer: Prof. Pranall S. Gorghate



Date: 28/03/2023

| | 930 | |
|------|------------------------|---|
| S.N. | Name of Student (PMCS) | Topic Name |
| 1 | Khushi s. Gude | Unit Test - ' |
| 2 | Manish P. Manusmare | Paper-IL (unit-I) |
| 3 | Rutuja B. Isankar | 1) State & Explain Biot-Squart |
| 4 | Suhani V. Lokhande | law & write its in vector |
| 5 | Rakhi s - chalakh | 22000000 |
| 6 | Bharti H. Watekase | form. |
| 7 | Nikita D. Bagade | 2) state & Explain Ampere |
| 8 | Siddhant P. Wasekar | circutal law for a magnetic |
| 9 | Prio P. Bala | freed. |
| 10 | Pranali k. Bajait | 37 Define magnetic suscepti |
| 11 | Bharati T. Bhoyar | biuty. |
| 12 | Janvi C. Shimgekar | 4) Define Magnetic permeabi |
| 13 | Pryush s. Nagapurce | |
| 14 | uday R. Rohankare | 4+y. |
| 15 | Fiza A. Khan Rizvi | 5) Explain Diamagnetic |
| 16 | Prajual G. Landge | properties of magnetic |
| 17 | Prachi S. Nimbalkar | substance. |
| 18 | Nishant S. Petkage | 6) Define magnetic induction |
| 19 | Gayateri S. Bhandakkan | and magnetic Intensity. |
| 20 | Prachi B. Kakde | 1) Define Ferromagnetic |
| 21 | Hiraj H. Kewat | Substance. Write any two |
| 22 | Siddhant U. Khond | Craperlies of 5 |
| 3 | Sachin Bansod | properties of Ferromagnetic material. |
| | | 8) Define magnetic vector potential? |

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023 B.Sc. I (Sem-II)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 22/02/2023

| S.N. | Name of Student (PCCS) | Topic Name |
|------|------------------------|--|
| 1 | Aditya s. Kolhe | Define sealer |
| 2 | Yoush U. Choudharry | Degine de |
| 3 | Vedanti S. Johkarrel | and vector |
| 4 | Toshna Pimpale | quantity, |
| 5 | Krishna Gt. Sarkon | The second |
| 6 | | Some Numericals |
| 7 | | on scalar and |
| 8 | | |
| 9 | | rector product. |
| 10 | | some Numericaly |
| 11 | | |
| 12 | | on curl and |
| 13 | | divergence. |
| 14 | | |
| 15 | | A CONTRACTOR OF THE PARTY OF TH |

Date: 01/03/2023

| S.N. | Name of Student (PCCS) | Topic Name |
|------|--|--|
| 1 | Sypriya C Thawasc | |
| 2 | prachy 4. Gihate | Test on |
| 3 | Aditya S. Kolhe | Unit-I |
| 4 | Soushold L. Jondhe. | - |
| 5 | Achal Pakmode. | (paper - I) |
| 6 | should khisalkan | |
| 7 | | [All Que. bourg |
| 8 | | on previous |
| 9 | | and the same of th |
| 10 | | Paper] |
| 11 | Carlo de la constante de la co | Vector Analysts |
| 12 | | |
| 13 | | and Electrostatics |
| 14 | | |
| 15 | | |

REMBIAL 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 V. Gihati | |
| 2 | Yosh chaudhari | Test on |
| 3 | Sahil Jenekan | Unit - I |
| 4 | Sreudi Khirtakan | |
| 5 | | (paper - II) magnetostatic and Electromagnetic |
| 6 | | magnetostatic and |
| 7 | | Flectromagnetic |
| 8 | | waves |
| 9 | | CAII que based |
| 10 | | |
| 11 | | on psevious paper) |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |

Date: 15/03/2023

| S.N. | Name of Student (PCCS) | Topic Name |
|------|------------------------|-------------------|
| 1 | Prachi Y. Ghate | Electric field |
| 2 | Suprilya C. Thawase | that the gray |
| 3 | Kiran A. Nimbalkar | and Electric |
| 4 | Aditya S. Kolhe | polential, |
| 5 | Yoush V. Choudhary | |
| 6 | Sahil G. Jenekon | coulomb's law |
| 7 | | you electrostatic |
| 8 | | |
| 9 | | gorce between |
| 10 | | two charges. |
| 11 | | V |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |

REMIDIAL CLASS ATTENDANCE

8.Sc. I (Sem-II)

Name of Lecturer: Prof. Sonali M. Watekar

. 11999

Date: 29/03/2023

| S.N. | Name of Student (PCCS) | Topic Name |
|------|------------------------|--|
| 1 | Shruti khirsatkan | T |
| 2 | Supriya Thawase | Test on |
| 3 | Kirgh Nimbalkar | Unit-II_ |
| 4 | Prachi Y. Gihate | / Danes - W 1 |
| 5 | 1 51,500 | (Papes - II) |
| 6 | | magnetostatic & |
| 7 | | (Papers-II) magnetostatic v Electromagnetic ulawas |
| 8 | | J. Carrier of |
| 9 | | manes, |
| 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: 04/02/2023

| - | 90 | |
|------|-----------------------|-----------------------------------|
| S.N. | Name of Student (PCM) | Topic Name |
| 1 | Shiyani B. Mchta | Paper-II |
| 2 | Ankita C. Ambekase | Marie Contractor |
| 3 | Mannatun A- sheskh | Unit-II |
| 4 | Pragat S. Meshram | Revision on Topic |
| 5 | Harshita s. Rangari | 1) Unpolarized Light & |
| 6 | Valshnavi M. Zade | |
| 7 | Sumit M. Gtradkak | polarised right |
| 8 | Avantika B. Pipque | 2) Micol pulson, |
| 9 | Sonu P. Like | painciple, cunstruction |
| 10 | Rahul S. Zade | and working of |
| 11 | Devyani A. Wadgusee | |
| 12 | Samitsha A. Wirmalwar | Hicol Prism. |
| 13 | Devaki 5. Nalamwar | Unit-I |
| 14 | Ajay B. Ramteke | 1) Wavefront |
| 15 | Prajual B. Dhanorker | 2) constautive Interferoce |
| 16 | aujal M. Govardhan | 3) Desteuctive Interference |
| 17 | Kushwati M. Waghmane | was the second second to the last |
| 18 | Shraddha R. Gurjelwar | 2) Condition For steady |
| 19 | Mahek F.F.A. Sheikh | Interference of light. |
| 20 | | |

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Wptekar

Date: 20/02/2023

| | -1004 | |
|------|--|---|
| S.N. | Name of Student (PMCS) | Topic Name |
| 1 | Ajay M. Patil | Numericals on |
| 2 | Ruchita Dakhane | wave plate |
| 3 | Muskan Ahuja | |
| 4 | stadharsh yadar. | How to tind - |
| 5 | Kalyani P. Kamatwar | i) thickness |
| 6 | Ankita R. Thakare | ii) Warrelength |
| 7 | Arti P. Sharma | 11) Walder Jin |
| 8 | Aastha P. Gundawar | in difference |
| 9 | Rahel K. Yadav | a retractive |
| 10 | Rahell K. Yadav Rohan D. Yeidav. | of retractive |
| 11 | V | 17-5-54 |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | The state of the s | Marine de Albanda |
| S.N. | Name of Student (PCCS) | Topic Name |
| 1 | Kumkum J. Kharwar | Numericals on |
| 2 | Maheknaz I. Sheikh | mane plate |
| 3 | Achal S. Parchake | How to gind - |
| 4 | Manuja k. Sen | to Attalabase |
| 5 | Scinkalp G1. Gihadle Aniket R. Chalakh | i) strickness |
| 6 | Aniket R. chalakh | ii) wavelength |
| 7 | yosh M. khemoskar | (iii) difference o |
| 8 | | regractive |
| 9 | | 7, 7 |
| 10 | | inaex |
| 11 | | 4 4 5 7 7 7 1 8 |
| 12 | | |
| 13 | | |
| 14 | | - Water 1975 18 18 18 18 18 18 18 18 18 18 18 18 18 |
| 15 | | |
| | | |

DEPARTMENT OF PHYSICS

REMIDIAL 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. Grundawars | Some Numericals |
| 2 | Alasti P. Sharma | on previous |
| 3 | Sudhanoshu k. Yadav | |
| 4 | Rahul R Yadav | paper |
| 5 | Rohan D. Yadav | and. |
| 6 | Chetan M. Dupare | some Numericals |
| 7 | Alon M. pattl | based on E ray |
| 8 | Ankita R. Thakare | |
| 9 | Namita V. Raut | \$ 0-ray |
| 10 | Kalyani P. Kamtwax | Q. How to find |
| 11 | Sugal M. Moon | welselfy on F-Yay |
| 12 | 0 | velocity of E-vary |
| 13 | | and o-ray |
| 14 | | |
| 15 | | 1 |
| S.N. | Name of Student (PCCS) | Topic Name |
| 1 | Zainab Noosi N. Ahemad | some Numerically |
| 2 | sakshi T. Purelli | on previous |
| 3 | | |
| 4 | | papers. |
| 5 | | and |
| 6 | | some Numericals |
| 7 | | based on E-ray |
| 8 | | |
| 9 | | and o-ray |
| 10 | | Q. How to find |
| 11 | | 0.7 |
| 12 | | relocity of E- sai |
| 13 | | uelocity of E-ray |
| 14 | | 1. |
| 15 | | |

DEPARTMENT OF PHYSICS

REMEDIAL CLASS ATTENDANCE

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Pranall 5. Gorghate



Date: 11/03/2023

| S.N. | Name of Student (PCM) |
|------|-----------------------|
| 1 | Shivani B- Mehta |
| 2 | Ankita c. Ambekar |
| 3 | Mannatun A. Sheskh |
| 4 | Pragati 3- Meshram |
| 5 | Harshita S. Rangari |
| 6 | Varehnaur M. Zade |
| 7 | Symit M. Grad Kar |
| 8 | Avantika B. Pipque |
| 9 | Sony P. UPke |
| 10 | Rahal S. Zade |
| 11 | Devyani A. Wadgune |
| 12 | Samiksha A. Virmalwar |
| 13 | Devaki s. Nalamware |
| 14 | Ajay B. Ramteke |
| 15 | Projud B. Dhanorkar |
| 16 | Sujal M. Govardhan |
| 17 | |
| 18 | |
| 19 | |
| 20 | |

Topic Name
Unit - Test
Papere - II (Unit - I)

- 17 Define Wavefront?
- 2) What are the constructive interference and destructive interference of light? State its conditions.
- 3) state the poinciple of supereposition of wave.
- 4) State the condition For steady interference of light.
- 5) Explain the phenomenon of interference in thin film and obtain the condition for maxima & minima for interference in thin film, due to reflected may of light.

DEPARTMENT OF PHYSICS

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 13/03/2023

| - | No. | |
|------------|--|--|
| S.N. | Name of Student (PIVICS) | Topic Name |
| 1 | Yogash V. Grangelman | Unpolarized light |
| 2 | Vishwandi v kale | |
| 3 | Sakshi H. Matte | and polarsized |
| 4 | Ankita R. Thakare | light. |
| 5 | Kalyani P. Kambular | |
| 6 | Gayatsi S. Nawgharse | Nicol prism, |
| 7 | Namida V Raut | Polneiple, constaution |
| 8 | Aastha P. Glundawars | |
| 9 | Aarsti P. Sharema | and working |
| 10 | shatabdi c Glovardhan | of Nicol prism |
| 11 | Voudehi A. Bachimoan | 8 |
| 12 | Jitesh Gt. Bodele | |
| 13 | Ajay M. Patil | |
| 14 | Ruchita Dakhane | |
| 15 S.N. | Name of Student (PCCS) | Topic Name |
| 1 | Manishankar S. Dey | Unpolarized light |
| 2 | Damini G. Dewangen | |
| 3 | Nazmin & Sheikh | and palastzed |
| 4 | Maheknaz I. Sheikh | eignt |
| 5 | Manuja K. Sen | 77 |
| 6 | Zainah Moori N. Ahemad | Nicol prism, |
| 7 | Sakshi T. Purelli | Principle construction |
| 8 | shouti D. Aswale | A STATE OF THE PARTY OF THE PAR |
| 9 | OM T. Thombonse | and working Nicol prism |
| 10 | | a Mical oxism |
| 11 | | 2 Garat begant |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | The state of the s | |

DEPARTMENT OF PHYSICS

REMEDIAL CLASS ATTENDANCE

SESSION-2022-2023 B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Pranall S. Gorghate



Date: 18/03/2023

| | N. |
|------|------------------------|
| S.N. | Name of Student (PCM) |
| 1 | SOMU P. LIKE |
| 2 | Shirani B. Mehta |
| 3 | Mannatum A. shukh |
| 4 | Alay B. Ramteke |
| 5 | Sural M. Govardhan |
| 6 | Makek F. F. A. shelkh |
| 7 | Devaki s. Nalamwar |
| 8 | shraddha R. Gurjelwar |
| 9 | Sunit M. Gradkar |
| 10 | Proaffisha P. Dandekar |
| 11 | Shweta R. Patale |
| 12 | Vaibhau V. Borkute |
| 13 | Samitsha A. Virmalwar |
| 14 | charulata T. Maind |
| 15 | Prajual B. Dhanorkar |
| 16 | Kushwati M. Waghmake |
| 17 | Ankita C. Ambelsare. |
| 18 | |
| 19 | |
| 20 | |

Topic Name Unit - Test Paper II (Unit-IV) A What is difference between polarized light and unpolarised light. 2) state and purve Brewster's law.

3) Explain the difference between positive and negative ceystal. 4) What is Nicol Preism? Describe the parneiple Constauctions and working of Micol puism. 5) Explain double refraction of uniaxial trystal.

6) For cal cite 40 = 1.648 & 4 = 1.486 For Sodium light. calculate the minimum thickness of quater wave plate for calcite. (Given 1 = 58-93 A°).

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 20/03/2023

| Topic Name Optic axis, Uniaxial and Biaxial errystal, Double retraction Example of Doubly reproacting crystal Topic Name Optic axis, |
|---|
| Uniaxial and Biaxial esystal, Double settaction example of Doubly repeating cosystal Topic Name |
| Uniaxial and Biaxial esystal, Double setsaction example of Doubly reproacting crystal |
| Biaxial esystal, Double setsaction example of Doubly separating constal |
| Double retraction example of Doubly regracting crystal |
| Double retraction example of Doubly regracting crystal |
| example of Doubly regarding craystal |
| example of Doubly regarding cosystal |
| Topic Name |
| Topic Name |
| Topic Name |
| |
| |
| |
| |
| |
| |
| optic axis |
| |
| 10 |
| uniaxial and |
| Biaxial crystal, |
| |
| Double repraction |
| (4) |
| Example of Doubly |
| regracting crystal |
| of my lot |
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| |

REMEDIAL CLASS ATTENDANCE

SESSION- 2022-2023

B.Sc. II (Sem-IV)

Name of Lecturer: Prof. Sonali M. Watekar

Date: 27/03/2023

| | - Thus | |
|------|------------------------|-------------------|
| S.N. | Name of Student (PMCS) | Topic Name |
| 1 | Sudhanshy k. Yadav | state and prove |
| 2 | Rohan D. Yadaw | |
| 3 | Rahul R. Yordan | Brewster's law, |
| 4 | Alan M. Path | - |
| 5 | chetan M. Dupare | and |
| 6 | Jay R. Moldani | principal section |
| 7 | Manyla S. Sen | |
| 8 | Sugat M. Moon | of crystal. |
| 9 | 0 | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| 14 | | |
| 15 | | |
| S.N. | Name of Student (PCCS) | Topic Name |
| 1 | Sakshi T. Purrelli . | state and prove |
| 2 | Zainab Noosi N. Ahemad | |
| 3 | Kirsan Mimbalkan | Brewster's Law |
| | Prachi y. Ghate | and |
| 5 | Sypriya Thawase | , |
| 6 | Manushankor S. Dey | principal acction |
| 7 | Domini G. Dewargan | a crystal |
| 8 | Nazmin s. sheikh | & colour |
| 9 | Maheknaz I. sheikh | |
| 10 | | |
| 11 | | |
| 12 | | |
| 13 | | |
| | | |
| 14 | | |

DEPARTMENT OF PHYSICS

B.Sc. III (Semester-VI) SESSION: 2022-2023

REMEDIAL CLASS ATTENDANCE

Name of Lecturer: Prof. Mitali N. Sarkar



Date: 21/02/2023

| S.N. | Name of Student (PCM) | Topic Name |
|--|--|------------|
| 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 20. 20. 20. 20. 20. 20. 20. 20 | Shweta Tembhuone poita saokar Maguni Wadaskar Solushti Telang Shoawani Makode Dipti fale Aditi Mungle Yamini Dawangan Namita Dhamankar | |

| 17 | He: 25/02/2023 |
|---|---|
| S.N. Name of Student (PMC/S) 1. Amisha Jogi 2. Vaishnan Zose 3. Zosa Sheikh 4. Bhanka kumbhare 5. Vanshita Sheoki 6. Aachal Gedam 7. Nikita Adkine | Q. Explain the following- Pappeatics of the nucleus. |

Date: 28/02/2023

| | Da | te: 28/02/2023 |
|--|---|--|
| S.N. | Name of Student (PCM) | Tapic Name |
| 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 27. 26. 27. | Shrawani Makode Shrawani Makode Nikita Lodhe Srushti Telong Mayuri Wadoskar Didti fale Yamini Dewangan Yugandhara Chama | for binding energy per nucleon ressus mass number & worth its main features. [3) Compute the energy of I amu in Mer. [2.22M] |
| | | |

de P

| | Dat | \$7 03/03/2023 |
|--------------------------------------|----------------------------|---|
| S.N. 1. 2. 3. 4. 5. 6. 7. 8. 9. 11. | Name of Student (PCC/S) | Topic Name 2. Explain the following properties of the nucleus. 1) Nuclear Size [3-5M] 2) Nuclear Mass 3) Nuclear Charge 4) Nuclear Density |
| | | |

Date: 04/03/2023

| 10.00 | | C; 04/05/2025 |
|---|---|--|
| S.N. | Name of Student (PMC/S) | Topic Name |
| 1. 2. 3. 4. 5. 6. 78. 9. 10. 112. 13. | Khushi Julme Kohini Julme Kohini Julme Kohini Julme Konali Nikhade Pratiksha Dhakate Johnisha Jogi Bharati Thengane Kaishnani Zorte Zota Sheikh Vanshita Sherki Nikita adkine Rameshwari Surge Khushi Durge | effect, binding energy, binding energy curre. Q.1) Define mass defect. [IM] 2) What is nuclear binding energy? Draw the curre for binding energy per nucleon Versus mass no. 2 white its main features. [3-4 M] 3) Compute the energy of 1 amu in MeV. [2-2½ M] |
| 1 | | |

| Da | tte: 10/03/2023 |
|---|--|
| S.N. Name of Student (PCC/S) 1. Rohit Wallujwar 2. Ketan Umargundawar 3. Janushri Thakur 4. Papita There 5. Prajakta Duratkar 6. Proja Sandokar 7. Shweta Wasekar 8. Shailendra Gautam | · Atomic mass unit, mass defect, binding energy & binding energy (vore. Q.1) Define mass defect. [11] 2) What is nuclear binding |
| 9. Sambuddhi Adkihe 10. Shruti Mohurle 11. Sumit Hiwarkar | Energy ? Draw the cont |
| • | |

| - | | Date: 11/03/2023 | |
|----------------------------|--|--|-------|
| S.N. | Name of Student (PMC/S) | Topic Name , | - |
| 1. 2. 3. 4. 5. | Nikita Adkine Amisha Jogi Suraj Sarkar Aniket Sinah | · Numericals on binding energy · Liquid drop Model · Semi - empirical mass formula. Q.1) find the B.E. of deuteron from the following data; mp = 1.007276 u, mn = 1.008665 u EMN = 2.013553 u. [21M] | |
| • | | 2) Binding energy of 28 Ni 64 is 547.44 Mev. Calculate its B.f. per nucleon. [2M] 3) What will be the energy. | * 876 |
| | | 3) What will be the energy scleased if two deuterium nuclei fuse into an or particle? Given: mass of deuterium = 2.0141024 mass of or particle = 4.0026034 Elu = 931.5 MeV [21/2] | 510 E |
| | | 4) Give the main assumptions of liquid drop model of nucleus. | 3 |
| • | | 5) Describe Semi-empirical mass formula. [2½M] | 1 |

| | The state of the s | hte: 14/03/2023 | |
|--|--|---|-----|
| S.N. | Name of Student (PCM) | Topic Name | 1 |
| 8. 10. 11. 12. 13. 14. 15. | Tejashace Nikaskar Pagal Bankar Nandini Viket Dipali Gazgelwar Pooja Nikure Bhagtashar Ramteke Ancenal Soni Yugandhara Chame Shugandhara Chame Shugandhara Chame Shugandhara Chame Shugandhara Chame Shugandhara Tembhuri Panta Jarkar Shurta Tembhuri Shurta Tembhuri | · Liquid drop Model · Semi-empirical mass formula. ②·1) find the B.E. of deuteron from the following data; 20 mp = 1.007276 U, mn = 1.008665 & Mm = 2.013553 U. [2½M] 2) Binding energy of Miss 547.44 MeV. calculate its B.E. per nucleon. [2M] ne 3) What will be the energy is ocleased if two deuterium nuclei e fuse into an ~-particle? | 2 Y |

| | Dat | e: 21/03/2023 |
|---------------------------------|--|---|
| S.N. | Name of Student (PCM) | Topic Name |
| 14. 15. 16. 17. 18. | Photyashni Ukamteke Tejashice Nivaskar Shouddha Bramhankar Chandani Sahu Patal Bankar Nandini Vikey Samiksha Jiwtode Namita Dhamankar Dipti fale Aditi Mungle | 3) Explain Various types of nuclear reactions. [22 m] |

Date: 28/03/2023

| S.N. | Name of Student | te: 28/03/2023 |
|-----------------------------------|--|---|
| | (PCM) | Topic Name |
| 1.2.3.45.67.89.10.11.12.13.15.16. | Namita Dhomankar Soushti Tolang Shrawani Makode Mayun Wadaskar Nikita Lodhe Yugandhara Chamre Bhagyashn Kamteke Prunha Dewaikar Anchal Soni Dirali Gargelwar Chandani Kahu | number. [2\fm] 2) What are the conditions of nuclear stability? [2\fm] 3) Discuss the various |

| S.N. | Name of Student (PMC/S) | e: 01/04/2023 Topic Name |
|------|----------------------------|--|
| 1. | [1.711.6.65] | |
| - | Poatiksha Dhakate | Q.1) What are exothermic & chdothermic nuclear reaction Give suitable examples. [2½ M 2) Define the term nuclear reaction? What is meant by 'p' value of a nuclear reaction? [2½ M] 3) Explain Various types of nuclear reaction. [3-5 M] |

भौतिकशास्त्र विभाग अहवाल " ञेतू अध्याय १६ म वाबत"

परिपत्रक क्रमांक गों वि. /म.वि.वि.वि.वं.१४५३/२०२२ नुसार महाविद्यालयाचे १३/१०/२०२२ ते १८/१०/२२ या कालावधित सेतृ अभ्यासक्रम राबविण्याचे ठरविले होते. सेतृ अभ्यासक्रमाकरिता विद्यार्थ्यांच्या पूर्ववत ज्ञानाची चाचणी घेण्यात आली त्यानुसार सेतृअभ्यासक्रमाकरीता अभ्यासक्रम (Syllabus) ठरविण्यात आला. अभ्यासक्रम B.Sc. । ॥ आणि ॥ तसेच M.Sc. । आणि ॥ करीता ठरविण्यात आला व अभ्यासक्रमाचे वेळापत्रक बनवून विद्ध्यांना 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 थेरी तसेच प्रात्यक्षिक वोन्ही माध्यमातून करण्यात आले. सेतृ अभ्यासक्रमात प्रत्येक दिवशी विद्यार्थ्यांची उपस्थिती नोंदविण्यात आली.

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

(डॉ. उर्वशी प्र. माणिक)

भौतिकशास्त्र विभाग प्रमुख Urvashi P Manik

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.

(Dr. U.P. Manik)

Henda Departmenta offenysics

Head

Department of Physics S.P. College Chandrapur

1) B.Sc. |- 18 12/10/2022 2) B.Sc. || - 4/12/10/2022 3) B.Sc. || - (12/10/2022

Sardar Patel Mahavidyalaya, Chandrapur Department of Physics

Session: 2022-23

Bridge Course Attendance Sheet

B.Sc. 1 (Sem-1)

| 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 | 31 | | |
| 4. | 17/10/2022 | 62 | 20 | | |
| 5. | 18/10/2022 | 63 | 19 | | |

B.Sc. III (Sem-V)

| Sr. No. | Date | Theory | Practical | | |
|---------|------------|--------|-----------|--|--|
| L | 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

DEPARTMENT OF PHYSICS

BRIDGE COURSE TIME TABLE

SESSION- 2022-2023

B.Sc. I (Sem-I)

| Day | Date | Time | Name of Teacher | Syllabus | | | | |
|----------|--|---------------------|--|---|--|--|--|--|
| | | 07:30AM | Dr. U. P. Manik | Concept of elasticity, rigid body, Plastic body, Elastic constant & basic numerical. | | | | |
| Thursday | 13/10/2022 | 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. | | | | |
| Saturday | | 07:30AM- 10:00AM | Dr. V. C. Kongre Sonali M. Watekar | How to use travelling microscope & how to take its reading. | | | | |
| - 120 | | 11:50AM | Dr. V. C. Kongre | Concept of energy, work & its conservation. | | | | |
| Monday | 17/10/2022 | 07:30AM- 10:00AM | Dr. V. C. Kongre Sonali M. Watekar Pranali S. Gorghate | How to use stop watch and multimeter. | | | | |
| | DESCRIPTION OF THE PROPERTY OF | | Dr. V. C. Kongre | Concept of force, moment of inertia, mass & dynamics of rigid body. | | | | |
| Tuesday | 18/10/2022 | 07:30AM- 10:00AM | Dr. V. C. Kongre Sonali M. Watekar Pranali S. Gorghate | Explain basic idea about all experiment. | | | | |

Dr. U. P. Manik

Urtige Repairment Phones

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

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 = mc2 & 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

| | | | | | | | | | | 1 | A PARTY OF THE PAR | Signature |
|--------|-----------------------|-----|------|-------|--------|--------|---------|-------|-----|--------|--|--|
| Sr.No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | 0.8 | Q.9 | Q.10 | Signature |
| | | | 1000 | | 10.000 | ALCOY. | W C W C | B C C | 600 | 410 | NO | conthour |
| 1) | Sodhana R. Ravida | No | No | NO | NO | AR | NO | No | No | NO | No | Remuman |
| 63 | Jenhyl R Hunumank | | No | No | No | No | 163 | 1/0 | No | 700000 | No | don's |
| 3) | Nihita R Khabsagade | | No | No | No | Yes | No | No | No. | No | No | Dec. |
| 49 | Dipshitha P. Parindin | NO | Yes | AND | NO | No | No | No | NO. | NO | 1000 | nating |
| 5) | Alsha P. Prayanat | No | MO. | NO | No. | NO | 484 | 150 | Ma | NO | No | (Ribreshirs |
| 6] | Manestha V Gampah | No | Nº D | 100 | 13.0 | NO | yes | roa | NO | N/O | No | Chelani |
| 7) | Roshani s BhazadKas | No | No | yes | No | No | No | No | No | No | | THE RESERVE TO SERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED |
| 8) | Meghna R-Radole | NO | No | No | NO | Yes | Yes | No | NO | No | NO | M-R-Padole |
| 91 | Bubli Z. Banik | No | NO | NO | Yes | Ves | Yes | No | Yes | No | No | Gabla |
| 6 | Khushi R. Thulkar | No | No | No | Yes | Yes | Yen | Yes | No | Yes | Yes | TO HE |
| W | Isla Gr Favade | NO | NO | No | yes | 403 | yes | yes. | No | yes | yes | luck |
| (2) | Vollshao is kale | Yes | Yes | NO | yes | No | No | 743 | yes | No | No. | Otrelan |
| | arshnovi wa mediman | VO | nea | 79.00 | No | No | No | Yes | 140 | Blo | 110 | west hope I |
| 45 | Youth A-Kinnake | Yes | YES | 100 | 100 | NO | NO | 100 | 468 | NO | 100 | yesh will be |
| 69 | notativily to know | 30 | No | No. | No | No | No | No | NO | 409 | | NEWD |

Paret Malanyldynlaya

agin P Manik Department of Physics

| ir.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 0 Mahadala | No | No | No | No | Yes | No | No | | No | Yes | Mar S. |
| 16] | Leena - R. Mahadale | 405 | File | Thie | THO | No | Yes | tien | No | 1-10 | 7-10 | 200 |
| 17 | The state of the s | yes | No | yes | No | No | NO | No | - marine | Yes | Yes | Fale |
| 10 | saming a Chaldhari | ter | ses | No | jes | 130 | No | No | yes yes | 701 | NO | Par |
| 19) | Dental M Shelike | VER | VEN | NO | NO | NO | VOL | 100 | | NO | NO | HITTING X |
| 20) | The second secon | 400 | Ves | No | No | NO | Yes | 100 | NO | NO | NO | XO JOS |
| 21/2 | SOME T - DAMEN | Name and Address of the Owner, where | No | No | Me | No | No | 400 | No | No | NLO | extergopul |
| 22) | Plyush S Nagopul | No | No | Yen | No | No | No | No | | No | No | manish |
| 23) | Manash ? Manusman | | | CVO | No | No | No | No | No | No | yes | siddhar |
| 29) | Sidahard p Warekax | No | NO | NO | NO | 705 | NO | Na | NO | NO | NO | - fulla |
| - | Sochin Bolsod | No | 510 | No | No | Ho | 446 | No | 110 | No | NIO | ourse or |
| 6) | Cato Stala- | 464 | NIO | NO | 400 | ala | 010 | Ma | NIB | No | 400 | Verigin |
| #) | THE RESERVE THE PARTY OF THE PA | No | Na | - | Na | - | Yes | No | Na | No | No | Lett. |
| 2) | Siddhest Shand | _ | | No | No | No | No | NI | No | No | Yes | Butker |
| 25) | Nishort S Metkar | NO | No | No | No | NO | NO | No | No | No | vel | Pass |
| 2 | Plumb c. youkuchiam | | No | | No | | No | No | No | No. | No | Ry Lords |
| | broken to Landge | No. | NO | No No | No | yes No | NO | Yes | No | No | No | Bring. |
| | Procki S Nintalkas | No | | 40 | No | 16 | No | No | No | No | We | 200 |
| | Shashi H. Pihul | | No | | | - | F. S. S. S. S. | Ne | Ma | Na | | atombobb |
| | chitte 5 Jambakhe. | Ma | Na | Ma | NO | Na | No. | No | NO | NO. | 20 | Akhan |
| CONTRACTOR OF THE PARTY OF THE | The second secon | NO | No | NO | | Yes Yes | NO | | NO | Mo | No | 91402 |
| | haveti-T Bhoyar | Mo | NO | No | No No | | - | No No | No | No | Ne | |
| | lakshi s. Yeane | No | No | 100000 | THE REAL PROPERTY. | No | Yes Ver | 2000 | No | No | NO | Sayerne |
| | Control of the Contro | No | No. | No | No | 200 | Yes | NO | No | The state of the s | | (Nawaf |
| | uhani v. lokhande | NO | No | No | No | No. | NO | | 1777 | No | NO | Sulveri |
| 10 | nvi G Varnen | NO | NO. | | NO NO | NO No | No | NO NO | NO NO | NO | NO NO | through |

ardar Patel Mahavidyalaya Chandrapur

Department of Physics
S P College Change Cha

| | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | 0.5 | - 47 | Q.9 | Q.10 | Signature |
|-----|--|---|------|--|----------|---|-----------|--|---------|----------|--------|----------------------|
| No. | traine of Student | ~ | 3 | - | | - Series | 6.0 | Q.7 | Q.8 | 4 | -112 | J. Lit. |
| 100 | Nikitan Barade | No | No | Yes | No | No | No | 100 | 12.400 | No | No | Nikite |
| | Nikita D. Bagade | No | No | NO | 205 | NO | NO | No | Yes | NO_ | NO | Quety 9 |
| (3) | Rutuja B Trankar | NO | NO | Company of the Compan | NO | tes | No | NO | NO | NO | NO | Sharadi |
| 100 | skhulh . 1 Tauafdom | Mo | 110 | No | 1/0 | No | yel | No | No | No | No | day |
| 52 | 4 80000 | CORPORATION AND ADDRESS OF THE PARTY OF THE | NO | No | No | 485 | No | 00 | 100 | 100 | 440 | OBran |
| | Sunskaul & Lihilkon | YES | No | NO | NIO | NO | ves | NO | NO | NO | NO | MOT |
| (4 | Prochi B. Kakel & Pranal K. Bajait | No | No | No | No | yes | No | No | NO | NO | NO | Pranale |
| 8) | The second secon | 07/00/0 | | - | 1212000 | 100000000000000000000000000000000000000 | 1050 | The state of the s | - | NO | NO | Charleton |
| (6) | Granalis 5 Pharoleteles | NO | No | NO | No | 903 | NO | NO | NO | No | No | Chalach Phalach |
| 56) | Roschi Schalatch | yes | Wo | WO | Wa | No | | WO | NO | nvo | NO | DEST PROBE |
| 50 | anushel v Hepat | No | yes | No | No | 710 | NO PHS | yes. | No | 910 | 740 | Queles |
| 2 | Noushali n Katele | 410 | 7-10 | 70 | 110 | NO | No | O DE LA COLUMN TO A COLUMN TO | 100000 | NO | NO | P. D. Donikuna |
| 53) | Pyrma P. Domkszabar | Yes | yes | INO | NO | 210 | NO | No | No. | No | NO | Quani |
| 541 | Vijda - V. Wani | No | 1/10 | No | Yes | THE RESERVE OF THE PERSON NAMED IN | | | No | 170 | No | enter lations |
| 55] | Rifatraz S Khan | No | No | No | No | yes | No | Yes | No | Yes | No | Kriptodi |
| 56] | Kaumualini (*) Criataca | Yes | No | No | Yes | des | Yes | | | Yes | yes | 3 raigumin |
| 51) | Shawasi S. Khanke | yes | No | yes | Yes | yes | No | No | yes | 483 | 405 | as |
| 58) | Maishman V Chandanthal | 762 | THE | No | No | They | Des | NE | yes yes | No | Yes | ner |
| 79) | Loya T. Vurna | Yes | | Yes | Yes | | | 1775 | | Yea | - | Dhwagh |
| (00 | Dipawali R. Wagh | 44 | 401 | Yes | No | No | Yes | No | 425 | 1.63 | No | Practical |
| | | | | | | | | | | | | |
| - | | | - | | | | | | | | | |
| 1 | | | | | | | | | | | | |
| 1 | | | | | | | | | | | l look | |
| - | | | - | 33 | Music | | | | 1 | 11001101 | 2 | Manik |
| | | | 4 | - 6 | Principa | al | | | | Urvas | 18 | Marine |
| | | | | Tarder F | Chandra | avidyala | yu | | | Depart | 1 | Physics landrapur |

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SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Bridge Course Completion Test

SESSION: 2022-2023

B.Sc. I (Sem-I)

Date:19/10/2022

| | | | | | | | | | | _ | Dec 20 CT | Signature |
|--------|------------------------|-------|------------------|------|-----|------|------|------|------|-----|-------------------|--|
| Sr.No. | Name of Student | Q.I | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | | 71177000 |
| | | Camor | - | | | | 12.0 | | - | Yes | Ves | Fanamank |
| 10 | Janki R-Hammante | 1/05 | yes | Yes | 4/0 | 403 | yes | 124 | Yes | | YES | THIS - |
| 02 | 71sha P. Burondi | 1924 | 423 | 445 | MOP | No | 692 | 167 | 467 | YES | | David . |
| 0.3 | Digshikha P Parmen | | INCS | Nes | | 'NO | Yes | YES | Yes | yes | yes | Badhan |
| 04 | Solling R. Rayida | | Her | CLEP | HES | yes | 468 | Hes | 494 | Her | | |
| 0.5 | Manestha . V. Giampala | 44 | رقيد | will | Sel | TEA. | 3/10 | 1384 | 923 | ul | 1583 | engineering. |
| 06 | Roshani - s Bharodkar | yes | yes | yes | Hes | yes | 348 | No. | Yes. | YO. | yes | Roshani |
| 93 | Nihirra R. Khabreaade | Yes | yes | 345 | No | yes | yes | Yes | Yes | MES | you | C.Mx |
| 07 | Meghna R. Padele | Nes | Tes | Yes | Yes | No | Yes | yes | yes | 303 | 903 | M. B. Padole |
| 09 | Babli Z Banik | YES | Yes | Nes | No | Ves | NES | VES | Nes | Yes | Nex | Bable |
| 10 | Khunhi R. Thulkon | Yes | Mex | Yes | No | Yea | Yes | Vel | Yes | Yea | Yes. | ON-KP |
| 113 | Isla G Jouante | tes | Jes | 490 | MO | 400 | yes | yes | 303 | 40) | yes | aute |
| 12) | Vaibhao V. Kate | Yes | | yes | Yes | yes | Yes | Yes | Yes | No | Nes | (rihela |
| | veilabour on the home | | Market Committee | Y.05 | 400 | 1000 | 404 | 6403 | | 44 | The second second | - |
| | Yash A Kinnale. | | | NO | Yes | Yes | ves | Yes | Yes | Yes | | THE RESERVE AND ADDRESS OF THE PARTY OF THE |
| .53 | winkley of kumato | 400 | 10 | 305 | 403 | -yes | | 70 | 400 | 90) | | THE PARTY OF THE P |
| | 1 | | 130 | | - | ~ | - | | - | 1 | 168 | NE NE |

Ry

Principal Principal Chandrapur Chandrapur

Department of Physics

| No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | Q.10 | Olas- |
|------|---------------------|--|---|------|--------------------------|---------|---------|-------|-------|-------|------|------------|
| | Leena R. Mahadale | Yes | Yes | No | Yes | Yes | Yes | yes . | Yes | Yes_ | Yes | |
| | Herand S Latono | 405 | Yes | yes | No | 405 | No5 | ryes | 405 | 405 | ve | 10 |
| 0 | Sanage G. Chardhari | 451 | yes | 462 | NO | NO | 403 | 467 | Yes_ | Jes . | 903 | hadlela |
| | Gaussav P. Zade | Jea | No | 708 | Jes | tes | Jes | No | 70 | YES | Vee | A Property |
| JON. | Pecenter M. Sheleki | VED | MYEN | 400 | 462 | 462 | 400 | No | yes | Vel | yes | Cooked |
| 45 | Some L - PATHAN | yes | 403 | 403 | YEN | 401 | yes | CV D | ACT. | Yes | 400 | Morrish |
| 2) | Manus P. Manumou | Yes | 400 | Yes | No | Yes | Yes | yes | 400 | No | 40 | Delegrenul |
| 3) | Pryceth S. Nagypule | yen | Jes | Jes | Jes | Nec | 760 | Jes | Jes. | No | 100 | Siddhard |
| 05 | siddhard P.Wasekre | | Hen | yes | JED. | Jes. | 900 | den | Ten | Tes | 1024 | toti- |
| 15 | Section Baread | 3+5 | yes ! | ges | Jes - | Jes | 700 | The s | ges. | yes | yes | Compens |
| 6] | Uday Rohankar | 901 | | yes. | yes | yes | yes yes | Tes | yes | yes | 400. | tesja . |
| 7) | Boto Balo. | Yes | 402 | 400 | | - | | Kes | Na | Kes | XU | Sultra |
| 8) | liddhesh thand | XII | Kus | No. | Tes | Yes Yes | Yes | YES | yes ! | yes | No. | Aperkon |
| J | Nishant-S. PetKor | Yes | Xes | Yes | The second second second | 421 | yes | Yes | yes | 463 | No | Digwh |
| 30) | glywhic yelkuchiwar | yes | 401 | yes | 94 | NO | yes | | yes. | yes | yes. | P4-Lan |
| 31) | | yes | No. of Concession, Name of Street, or other Designation, Name of Street, Name | yes. | yes yes | No | Ves | Ger | Yes | yes | 105 | - gun |
| 2) | Preichi s Nimbalkas | | Yes | No | Yes | 420 | yes | 423 | 423 | Yes | 420 | Applied. |
| 3) | Shachi M. Kihul | No | Yes | yes | Yes | yes | yes | yu | yes | yes | yu | citambakh |
| 9 | chitra 5 Jambakhe | yes les | Yes | Yes | yes | 400 | 408 | Yes | 408 | Yes | Yes | Akhan |
| (5) | Rharati T Bhoyar | Ves | Yes | YOU | Yes | 400 | Yel | Yes | Yes | 405 | Yes | Bhayas |
| 6) | | 401 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Severne |
| 0 | | STATE OF THE PARTY | YES | Yes | YES | yes | 705 | Yes | 405 | Yes | Yes | |
| 39) | | Yes | Yes | Yes | Yeu | Yes | Yes | Yes | Yes | | No | Suloui |

Principal Patel Mahavidyalaya Chandrapur

Head
Department of Physics
SE College Chandrapur

| No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | - | Stanni - |
|------------|-----------------------|--|--------|---|-------------|----------|------|---------|------|---------|---------|------------------------|
| 0) | Tanvi & Pannase | 45 | 405 | 405 | 401 | Yes | Yes | Yes | 700 | yes | yes yes | Innug Kor |
| | Janui C. Shippingdan | Yes | 405 | 403 | | 405 | 405 | 405 | Yes | 405 | Val | Nikilly |
| 2) | Nikita D. Bagade | Yes | You | Yel | 1 | Yes | Yes | Yes | Yel | Yes | -00 | perty 4 |
| 13) | Rutuja B Tsankar | HES | yes | yes | yes | Hes | yes | yes | 405 | 8/10 | Vyes | Braton |
| 157 | okhushi I Javafolow | Tes | 711 | Yes | Les | Tes | OND | UYES | MARY | Year | yes | Bhoeuti |
| 6 | Bhorati H water | THE RESERVE | yel | 701 | yes | yel | yes | No | yel | Yel | 405 | OB LOS |
| (4) | Sanskautis Likitkan | YES YES | Yes | tes | 905 | Nes | 462 | 100 | TC5 | -yes | ves | Praval (B) |
| (8) | Pronali k. Bajait | Yes | YES | NO | yes yes | Yes | yes | Yes | yes | yes | yes | Character |
| | | A STATE OF THE PARTY OF THE PAR | 100000 | 100000000000000000000000000000000000000 | 1 | 100000 | | | yes | yes | 401 | Chalakh |
| 49) 50) | Crayalul S. Phandulan | The second second | yel | NO | yes | Jes Jes | yes | yes yes | yes | yes. | yes | Recept |
| 517 | Rokhi S. chalakh | ges ges | Wes | Tes | Tes | Jes yes | yes | Jes Jes | Ejes | yes yes | yes | (in) 1 - 3 - 10 (in) |
| 52 | Anushi v Hepat | | Jen | NU | 123 | +10 | VIII | 111 | YU | 188 | 444 | P. P. Dom Funda |
| 539 | Prema P. Domkundan | -10 | Le | Les | yes | yes | NB | 40 | Tyes | lyes | 140 | Quani |
| 54 | Vijeta V. want | 70 | No | No | Vel | YUS | YES | YU | NU | Yes | yes | entitles |
| 55 | Rifatnaz S. thom | yes | 40 | yes | yes | yes | Yes | 46) | 40 | 401 | yes | ureadodo |
| 56 | Kournuching M. Madadi | Yes | yes | Yes | des | No | Yes | yes | Yes | Yes | ryes | (Sheuruni) |
| 57) | Shawayi . S. Khanke | Hes | yes | yes | yes | 405 | yes | yes | yes | 403 | yes | Carconna |
| 58). | Vaishnau V. Chandanta | | 425 | NO | No | 750 | The | yes | Yes | Ver Ver | No Mo | nine |
| 59) | Loya T. Verma | Yes | 916 | Yes | Yes | Tes | - | 100 | - | - | | Dhwash. |
| 605 | Dipawali. R. Wagh | 408 | No | Yes | No | 408 | Yes | NO | No | Act | 403 | Dimon. |
| | | | | | | | - | | | | | |
| | | | | | | | - | | | | | _ |
| | | - 1 | - | | - | | | | | | | |
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| - | | - | | | | Made | | | | | - | |
| | | | | | Pictar Pati | rincipal | | | | Ur | /母幹 | Wanik |

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 |
|------|--|------------------|
| 7 | Sunshti Ashum Bhayare | Ashoyour. |
| 2. | Shivali Kishau. Johnoole | A. |
| 10. | Siddhard prophet waskat | Siddhant |
| 40 | Pero Pritten Bala. | Trigo |
| 7. | Uday Ravinday Rohamkar | Chamlear |
| G. | Sarang Gajanah Chaudhri Heramb Sudhabar Latace | - Bido |
| 7 | Heramb Sudhapar Latoce | Thetors. |
| 8. | Nishant Saniay Petron | NE POTKOL |
| 9. | Tanvi Govina Pannası | Claim |
| 10 | Contract Con | Dive- |
| 11- | Yash Avinash krinnake | SexhAlle invake |
| 12. | Valshaye makesh meshagan | 160Pahnerol |
| 13. | Showwari Swesh Khanke | Musuani |
| 14. | Vijeta Vikas want | Grans |
| 16. | Sakshi Ravindoa Selokar | Eakshi - |
| | Tami Ravindra Grawande | Plawarde |
| 10 | Prema Pravin Domkundwar | P.P. Domkunduser |
| 18. | Beto Bravat Yack | Quite |
| 20 | 3819 Cropichand Janade | |
| 21 | Mohini shashikat Nimgade | |
| 22 | Babli Zantu Banik | Bubli |
| 23 | Sanskauli & Lihitkar | Asia Mr. |
| - | Sansierm P. CIAII EKUS | tilleticar |

Department of Physics 3 P College, Chandrapur

| S.N. | Name of Student | Signature |
|------|--|--------------|
| 24) | Proachi Bhausao Kakde | @Brandy: |
| 25 | Janvi C. Shingekar | Januarykan |
| 26) | puluja B Isanbar | Quely 9 |
| 215 | | Phalakh |
| 285 | | Demandade. |
| 295 | Rifatnaz S. Khan | elateran |
| 30) | Kaymudini M. Malode | Kmatodo |
| 317 | YOVA T. Verma | now |
| 32 | Shreya R. Julme | -Fulme |
| | Dipowall . R. Wagh | Dewagh |
| 397 | Janhvi. R. Hanumante | Ranumante. |
| 35) | Nihira R Khobragade | Phina |
| | Roshani .s. Bharadkar | Poshani |
| 3# | Nakshahaa. S. Kayantkar | Askayarskar |
| | Gavei A sonkay | Sport Ste |
| | Maneesha . V. Crampala | Mancetha |
| 40) | Prachi Sanjay Nimbalkar | Becki |
| 41 | thush' latit Jauglan | Tetuton |
| 42) | Nikita Diwakar Bagade | Nikita |
| | Supplya Chamatershekhat Than Dad | e Stue |
| | Kiran A Nimbalkar | Proy- |
| | Suhani V. Lokhande | Suhari |
| 46) | Sokshi s yerne | Sevenne |
| 47) | Toshna . p- pimpale | D. |
| 48) | Shreya L. wadhai | J. wadhal |
| 47) | | Shirter |
| 481 | The state of the s | Coulle |
| 49] | The second secon | Dhraidd hu |
| 50) | hiddhesh V Khond | but |
| 51) | Projusi G. Landge | PG Landge |
| | Anushri N' Hepat | Rilletat |
| 53 | Noughali D Katole | Okarole |
| 547 | Vaishnaud Vijay Chandan Khali | 4 |
| 5.5) | Pranali kailes Bajait | Pravalia |
| | | , and |

Department of Physics S P College, Chandrapur

| 5.N. | Name of Student | Cignotura |
|--------|-------------------------------|--|
| 56 | Bharati Tularan Bhayar | Signature |
| 57. | Prachi yogeshodz Ghate | S. I. |
| 58. | Shruti Rajeth Khiratkas | to he satton |
| 59 | Fiza . A . Khan Rizvi | Akhan |
| 60. | Srushti Lomeshwar Londhe | gond he |
| 61 | Bharadi Harichanoha wadelea 8 | Bharati. |
| 62. | Nivar Narottam kewat | Rewat |
| 63. | Vedanti Subhash Lahkare | Money |
| 64. | Apurra Sagar Yelettiwar. | Asyroan |
| 65. | Anjali Vilal boserse | Angell. |
| 66. | Usha Phulchand Prajapati | risha |
| 64. | Dipshikha P. Parmanik | Deg. |
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Department of Physics S.P. College, 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) | Prachi Bhawao Kakde | PBKaKde: |
| 2) | Sanskruti Sanjay Lihitkan Pranali Kailas Bajait | tuiticas |
| 3) | Pranali Kailas Bajait | Provadile |
| 4) | Rufuja Baba Isankar | Puty'9 |
| 8) | Khorati Tulcosam Khoras | Bhayga |
| 6) | Fiza Ayyub Khan Rizvi | Achan. |
| 7) | Fiza Ayyub Khan Risvi Byuth Sweath Nagapule | Polyopuro |
| 8) | Siddbort sznamat wasolaw | siddhart |
| 95 | Siddhesh liday khoud | SUK |
| 10) | Siddhesh iday khand | Freyer |
| 121 | trallon Contingent andre | 01.7 1 - |
| 13) | Eday Rayind za Rohamkan | Pierth |
| 14) | Uday Ravindra Rehamban | Charken |
| 19) | Tanvi Pannese | Dan |
| 16) | Munish P. Manusman | Marith |
| 17) | Nishant S. Detter | ASPetkon. |
| 18) | Granely S. Pharmlahran | Crayater |
| 19) | Suhan V. Lokhande | Sechari |
| 20) | Sakshi s. Youne | Ssyerne |
| 22 | Sachin Baysod | **·\$1: |
| 45 | Shachi M. Pihul | Maka |
| 23 | chitra s. Jambakhe. | Citambokh |
| < 9) | Janvi C. Shimgokan | fandigkal |
| | 0 | the designal |



S.N. Name of Student Signature 25) Bharati H. watelean Bhasadi' 26] Mogi N. Kewal. M. Pakmode Shoul Whiteler 20) Prachi Sanjay Nimballean 20) Jak Hil Rovindora Moundad! 21) Khushi Lalit Jakafdar 32) Nikela Diwakar Bagade 33) Rakhi Sonjay Chalakh Sinkalin

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 | Vaishnaut Vijey Chandankheele | (4) |
| 21 | Anushai vinod Hepat | Offepat |
| 9. | Norwahali Denleus Koutole Pranali Kailas Bajait | Otatole |
| 4. | | Pronalie |
| 5. | Bharati Tukaram Dhavar | Though |
| 6. | Prachi yogeshwar Sthate | Charle |
| 7. | Shruti Rajesh Khrotkar - | the affical 2 |
| 8. | Fiza. A-Khan Rizvi | Alchon |
| | srushti Lomeshwar Londhe | Sand he |
| 10 | Bharadi Harichandra Watekar | shaeadi |
| 11- | Niraj Narollam kewal | Ntenat |
| 12. | The state of the s | Asyecan |
| | Vedanti Sabhash Lohkare | Hehic |
| | Anjali vilas tosare | Anjuli |
| | Practi sanjay Nimbalkas | - Jacobi |
| | thushi late Janafalan | Etentr |
| 17. | Nikita Diwakur Bagade | Nukite |
| | Khushi Raju Thulkar | Margh. |
| 19. | | Berbli |
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Urvasio P Manik

Department of Physics S P College, Chandrapur

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Urvash Politanik
Head
Department of Physics
S.P. College, Chandrapur

21/25

| S.N. | Name of Student | Signature |
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Urvashi P Manik
Head
Department of Physics
5.9 College, 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



| 5.N. | Name of Student | Signature |
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DEPARTMENT OF PHYSICS

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

| S.N. | Name of Student | Signature |
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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 |
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| 14) | Roshani S. Bharadkar | Rosleni |
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| 16) | Jonhvi. R. Hanumante | Ranumante |
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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 | Janhvi - R. Hanumante | Kanumante |
| 2 | Nihiya, R. Khobyggade | Dinis |
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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 |
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DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. I (Sem-I) Practical Date:18/10/22

Name of lecturer: Dr. V.C. Kongre

Prof. Pranali S. Gorghate

Prof. Sonali M. Watekar

| 5.N. | Name of Student | Signature |
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| 1) | Nihira Rajesh Krobrogade | Ribbe |
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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 |
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| (+) | Janvi C. Shimgekar Isha B. Yada | Januargkan |
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| (3) | Banskyuti Sanjay Lihitkon Brachi Bhausao Kakde | thicke |
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| S.N. | Name of Student | Signature |
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DEPARTMENT OF PHYSICS

BRIDGE COURSE TIME TABLE

SESSION- 2022-2023

B.Sc. II (Sem-III)

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

Dr. U. P. Manik

Urvashi P Manikics

Department of Physics S.P. College, Chandraput

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 | 0.5 | Q.6 | Q.7 | Q.8 | Q.9 | Q.10 | Signature |
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Pardar Patel Maharidyataya
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Unvasitive Manik
Department of Physics
S P Coses

| Sr.No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.S | Q.9 | Q.10 | Signature |
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| 16. | Kulyuni P. Kamahoon | Win. | min | - | | | - | - | - | - | NO | Calyani |
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| 28] | Dettaki - S- kiniamon | | PIR | NO | 1467 | PID | MO | Ma. | ALD. | Mo | VIO | Humass |
| 2.4 | Pranjali 3 Bauxa | | WD | No. | Ses. | NO. | No | No | NO | No | Dia. | Brundine |
| 2.5 | Shoeta R. Tartule | M | No | Yes | No | Mo | NO | No | yes | 130 | No | Grupok. |
| 26) | Kumkum-3 Manus | No. | 910 | No | yes | No | 130 | 730 | 100 | 400 | 100 | - James |
| at) | Domina V. Raux | 100 | 630 | 1455 | 190 | No. | 600 | 600 | ~4eh | - | 100 | (Donal) |
| 25 | Bayatat & Newstone | No | 395 | No. | No. | No. | Dia | No | No | No | No | Duniyren |
| 291 | Projem P Raigne | No | No | No | 460 | 10 | No | 110 | File | No | Me | Ampart |
| 30 | Sefal uphobe. | NO | BNO | NO. | 424 | NO. | NO | NO | 400 | NO | NO. | Stoke |
| 31/ | Jana-Freting Sidding | No | No | No | sus | 100 | No | No | WEE. | 100 | No | Correllian. |
| 32) | Sakshi K. Shetty | No | No | No | No | 44 | No | No | No | No | No | Buthy |
| 36) | Visitati A Bacchiner | No | No | No | No | 0 100 | No | No | Yes | No | No | Whitefully . |
| 34) | Skalatky C Govarathan | No | No | yes | No | No | No | No | NO | NO | No | Entition |
| 35) | THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER. | No | Yes | No | No | No | Yes | No | No | No | No | Aller. |
| 36 | Vishal missermmer | No | No | No | 40 | No | 400 | No | No | No | No | Sphal |
| 35) | Sanad De wele | No | No | 10 | No | No | 100 | No | No | Na | No | Sill |
| 30 | Yash V Kambhar | - | NO | NO | NO | NO | NO | 140 | NO | NO | 100 | |
| The same of the sa | | No | No | | No | No | No | No | No | No | No | upau |
| 34) 7 | SHUDHARDAY - DEN | | | - | Aug | | | 110 | | 1.0 | 140 | Haristoy |

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| .No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.S | Q.9 | Q.10 | |
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| 62. | Rohan.G. Afth | Pulm. | N)o | 0.0 | No | p30 | NO | 000 | | 200 | 010 | apille _ |
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| 43 | Hahetmas I Shrish | | No | No | No | 200 | No | No | No. | 140 | | Mingh |
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| 56 | Ankiter - C - Dembeke | MID | 770 | No | No | No | n#7. | | | | Ne | Blays on |
| 57 | Kangan 5 - Jayrad | No | 20 | No | Ue | No | No. | No | Ne | Ne | 110 | SAMOON |
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| 65 | Ankite, D. Thukasa | No | No. | Me | No | No | No | Her. | No | No. | AZO | Rive. |
| GO | Rodhina W. Borkede | | NO | NO | No | No. | NO | Mes | | | | (w)maghar |
| 61 | Ketshawati M hlaghenser | No | (See | No | No | No | 10 | Yes | | | No | K & Bulland |
| 62 | Anchal R Bullmott | No | Ho | No | No | No | NO | YES YES | No. | Ne | Yes | Bduia. |
| 53. | Rabija Kamadkat | No. | NO | No NO | NO | NO. | NO | NIO | Yel | NO | | District Co. |
| 64. | Nasmin Sheigh | NO | No | No | | 1405 | No | yes | NS | No | No | (See |
| 66 | Tuston 5 Boundary | A NO | NO | 425 | 140 | No | No | Vos | 140 | No | Yes | Toshan |

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Principal enter Patel Mahavidyalaya Chandriess

Department of Prysics S.P. College Course

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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 | 0.8 | Q.9. | Q.10 | Signature |
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| 0.7 | Koldely A Kochwas | Ve t | 428 | 405 | 77.5 | 7/1 | Yes | Yes | 713 | 708 | 40.5 | Highlight. |
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Urvashing Manik Department of Physics 5 P Colege Chandracur

| r.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 |
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| 21. | | | 7/0 | YES | 70 | 7.53 | 110 | HOUSE PARTY | 1401 | Yes | 405 | Bharetan |
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| 27 | the wall out Angles | 784 | | 1750 | 350 | See | 340 | | | 700 | 785 | A Dest |
| 250) | DHRUV M. ADAME | 765 | Yes | Yes | Yes | YES | MAS | | 765 | 700 | -005 | Bloom |
| 25] | M Stypet - Names Name | Yes | YES. | VE | 162 | -464 NB | Yes, | yes. | Mer | Yes | 40 | No Mayer . |
| | V. | 120 | 110000 | - | 750 | _ | - | nie. | 200 | 400 | yes | Charge |
| 21) | Rulya Kanathar | Yes | Yes | YES. | Yes | 150 | Yes | Yes | Yes | yes | | Cond- |
| 28) | Sana Sida iqui | yes | No | ejo | 463 | Yes Yes | 428 980 | yes | yes | 400 | 400 | die gall. |
| 20] | Projekt Rajgade | ye3 | | Yto | Her | 100000 | - | | 400 | 1463 | MAI | SHORE |
| 307 | Sept Dhobe | Ass | 361 | No | yes. | ges | yes. | | 363 | | 450 | |
| 2917 | Damiter V. Paul | HES. | 400 | 40 | 100 | HEO | 3455 | | 440 | 250 | 4/1/4 | Sheeke |
| 34) | shipeta R. Palak | yes. | 100 | yes. | Ass | A22 | 445 | 44) | 4 | | 1000 | Beaucin |
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| 360 | Kurnkum J Fhouse | yes! | yes | yes. | yes | yes | 400 | You | Jes. | 7.00 | 200 | Quagrata |
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| 31) | MANUAL U. AUTURNAL | 705 | 468 | 433 | 452 | 405 | 315 | 463 | 461 | 903 | Ass | (松) |
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Department of Physics

| r.No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.S | Q.9 | Q.10 | Signature |
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| 46) | Patieni General | 423 | 143 | 1403 | 140 | 123 | 1403 | 1453 | 421 | 1907 | 469 | PROMETE |
| 45) | Chamilata T-Maine | Yes | Yes | Yel | 7645 | 443 | Yes | Yes | Yel | Yes. | A43 | an emaley |
| 43) | Mannetun A-shap | Nes | NO | WC3 | yes. | SICS | 403 | Yes | 1/23 | yes | Act | 4.5 |
| 41 | Ankita C Ambeka | 145 | Ves | 1/01 | Yel | 40 | 408 | 463 | yes | yel. | yel | The second secon |
| 493 | Kawan S Sayfad | SPE | VER | 400 | YEL | 400 | 480 | NO | 463 | 460 | 740 | THE PROPERTY. |
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| GVF | Prichat & Battonis | n la | -300 | sims. | Nes | | | yes | 445 | 467 | 350 | - Leka |
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| 59] | Vanhnau M. Zudt | 74.5 | | | ves | Yes | Yes | ASS | NES | Yes | Yes | Mahala |
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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 |
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| L | VINER Y-Warrudkov | Vivel |
| 2. | Vaishnavi M. Zade | Ozade. |
| 3- | Harshiff . s. Rangari | Bongari |
| he | Shraddha - R - Gunthour | Augetwar |
| 5 | Makek-FF-A-Sheith | Mahel |
| 6) | Kushawati M. Waghmare | Managhmor |
| 7) | Radhika W. Borkufe | 00- |
| | Ankata - Ambeker | Au |
| -3) | Mannatin A Sheikh | annation. |
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| 117 | Sejal V. Dhobe. | Graph. |
| 127 | Sanafatima H. Stadiqui | Ansaddiqui |
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| 19 | Junti D Sandakak | - ait |
| | Dandakak | CBL |
| 16) | Progati S. Meshrom | P-S-meshrum |
| 413 | Rulya B Kamatkar | Putija. |

| S.N. | Name of Student | Signature |
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| 13- | Prajural B Dhanoekoz | Phankoz |
| 19. | | Morkute |
| 20. | Anchol R. Butande | +R: Busande |
| 21 | Tushan S Bommewar | Mushan |
| 22. | Ayush (14/497 | - Haku |
| 23. | Anush P Wulmothe sumit M. Giradkar | Alwayla |
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| 25) | Jay . R. Mudavi | Doct. |
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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

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| S.N. | Name of Student | Signature |
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| 1. | Vaideli A. Bacchinoan | Vaidelie |
| 2. | isakshi K. shetty | Butty. |
| 3. | Shatabdi C. Georaudhan | -tatatid(|
| 4. | litai A - Wekude | Alle |
| 5. | Vishal S. Wasamular | Oistal_ |
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| 9. | Hanishankar S. Dey | Munipoy. |
| 10 | Mazmin . m. sadik Sheikh | Dehener |
| 11. | Damini G. Derangan | Janin |
| 12 | Maheknaz . I . Sheikh | Mheiro |
| 13. | Maheknaz. I. Sheikh | N. Hart |
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| 60 | Doryani A. Wadgerel | Doyan- |
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| 13 | Shweld Ramesh Patale | Swela. |
| 24 | The second second | Phowone, |
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| S.N. | Name of Student | Signature |
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| 26 | Avantika Bandu pipaza | Alpare |
| 27 | Market Control of the | OWall 9 hasor |
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| 29. | | Lyagade |
| 30 | sen N. Dhobe | Stoke |
| 31. | Sanafadma Siddigui | Sana Siddigai. |
| 32. | Mannatun - A-sheikh | aganasa |
| 33 | | Ass. |
| | Ankita . R. Theekouse | Agrakall |
| 35 | Kausan S- Santad | |
| 760 | Ruchita P Dakhane | Blayyad. |
| 37 | Radhika W. Boskute | Det . nxl |
| 38 | Kushawati M Washmase | Kninghmen |
| 39 | Rodhika W. Boskute Kushawaati M Waghmase Shivani R Kalambe | SWVant. |
| HO | . Kalyani .a. Kulmethe | Swyani |
| la | Proxikshup. Danderous | Phusekor |
| 62 | · Vaishnavi M . Zade | Operado |
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| te | 4 Habele - f - F - Ahenval shirth | anales . |
| 40 | Harshita S- Rangari | Hongary |
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| 5 | 1) donny . p. niko | - TIL |
| 5 | 8) Tushan s Bounnewar | Tushas, |
| C | colles s. duun p. | thakan |

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 | AUKPUP6 |
| 25 | Kaysay 5 Sayyad | Blaryad |
| 35 | Anbita. R. Thakaer | Astrakars |
| (1) | Anleita . C. Ambekor | -An- |
| 5 | Mannatun . A. Sheikh | Mannahm |
| 61 | Sakshi , T. Purelli | , Sakshi 1 |
| 127 | Towners Nool N. Aheria | Tourab. |
| 8) | Kushawati M. Waghmale Radhika W. Bolklite | um undamonas |
| 3 | Radhika W. Bolklite | (C) |
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| Fi | Prajeta. P. Rhygadi Sejal. V. Dhobe | Alugadi |
| 12 | Prajeta. P. Rhygadi | |
| 13 | Sejal. V. Dhobe | Thole |
| 14 | Sanatedma . H. Sildigui | Sava siddiqui. |
| 15 | Dellaki S Malamway | Bipaul |
| 169 | Dellaki S Malamuay | Dume! |
| (4) | Kumkum J. Kharwar | -Kumkum! |
| 18) | Shweta R. Patale | Same. |
| 19 | Pranjali 5 Bauxine | Phawane Labolee |
| 00] | Achal s parchake | |
| 21 | Manuja k Sen | Misera |
| 22 | Trupti D. Sandokare | 60% |
| 23 | pragati, s. meshram | P.S.meshrum |
| 24) | Sonu . p. vike | - THE |

| S.N. | Name of Student | Signature |
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| 25. | Kulyan'i P. Kumutcour | Quegoni, |
| | Sneha D. Gedan | Snehl |
| | Shraddhas Chhagankee | 8-chhagankaz |
| | 89 Kshi S. Chhazankaz | S. Chhagankar |
| 29. | Voidels A. Bacchuwar | Farleti |
| 39. | Bakshi K. Sheety | Auty |
| | Shatabd' C Giovandhan | tratalogy. |
| 32. | Gitai A . Urhucle | Attute. |
| 93. | Wishel & Masombler Ajery M. Petil | Distal |
| 34. | Ajay M. Patil | Ayery. |
| | Yath V. leumbhare | Yanks |
| 36, | SanAd. D. were | 5-1-1 |
| 37 | Manshankar S. Dey | Mani Poy |
| 38 | Irshad hussain bhan Papan | beary |
| 39 | Rohon. G. Rithe | Opithe. |
| 40 | | Rochly |
| 41 | | O. Thonh |
| 42 | Vivek Vivas Wakudkar | |
| 43 | Vaibhay Vasant Boskute | Borkute |
| 44 | Prajual Bandy Dhanosh | 2 Blooker |
| 45 | Damin G. Dewangan | Travisi |
| 46. | Nazmin. S. Sheikh | MILEIKA. |
| 4 | . Maheknaz. I. Sheixh. | Merch |
| 48 | Vaithar . A. Nintalton | Daill . |
| 49 | Chetan M. Dupene | |
| 50 | DHRUV no Aglawa | (A) |
| 51 | CONTRACTOR OF THE PROPERTY OF | Dry- |
| 52 | Pallard P. Geomette | PRICENCELL |
| 58. | | Meille |
| 54 | Prafiksha S Manaskallne | Paramaskalla. |
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| S.N. | Name of Student | Signature |
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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 |
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| 10 | Ajay Manoj Patil | Spay. |
| 2. | Vcubhau Ramesh Nimbalka | aithal |
| 3. | Gandharu Baluji Bangaru Budharisho, Kapil, Yadav. | Barrene |
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| 21. | Aastha. P. Gundawar | ASH. |
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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 -

| S.N. | Name of Student | Signature |
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| 1) | Reidhika W. Bolkiste | O STATE |
| 2 | Kushgurati M. Waghmare, Tounal Now! N. Alberrad | Managhan |
| 3 | Tounab Novi N. Atherod | Luhab. |
| 4 | Sakshi Timpati Purelli Manyatun A. Shakh | bakshi |
| 27 | Manualun A. Shakh | Mannatun. |
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| 22 | Ajoy. M. Patil | Ajay |
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| 44) | Vaishnour M. Zade | Operale |
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| 48) | Vaibbal R Himbolton | Sailyal . |
| 49) | Dhaw M. Aslawe | -Oh- |
| 50. | Shivani R. Kalambe | Swirani |
| 51. | Kalyani . C. kulmethe | Xayan . |
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| 53 | Sneha D. Gredan | State |
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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 - Start

Prof. P. A. Kotkar - pacotu or

| | Name of Student | Signature |
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| 1 | Jitesh Gulab Bodele | Rode |
| 2. | Gardhan Balluji Bangare | Buyun |
| 3- | Gandhons Balluji Bungare. Budhanshu - Kapil yadar. | SKY - |
| 4. | Ajay . Mounoj · Patil | - Mani . |
| 5. | Krunal . R - Turankan | (Raguntar |
| 6. | yogush . vikas crangelwan | George . |
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| 8- | Shatabdi C. Giovandhan. | talotali |
| 9. | Vaidehi A. Bacchuwar | Victelli |
| 10. | Zakshi k. shrttu | Metty |
| 11 | Shivani A. Kalambe | Shivani |
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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 |
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| 1 | Makek Nazneen Aledel Sharif | Mahrk. |
| 2 | Almen p. Sayyed inayal ali | Astreen. |
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| 8 | Shraddha & chhaankar | S. Chhagankar |
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| 37) | Kushawati M. Waghmare | Persuagionare |
| 58) | Roidhiker W. Bolkufe. | Cart . |
| 59) | Ankita . R. Thakare | Ameleare |
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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 -

Prof. P. A. Kotkar ___

| S.N. | Name of Student | Signature |
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| 21. | Sakshi Tirupati Purelli | Saleshi |
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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 pacotuse

| S.N. | Name of Student | Signature |
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| 1 | | Party |
| 2 | Prajera Praviokumar Rajgadi | Charghage finds |
| 3- | Prajkta Pravinkumar, Rajgholi | |
| 4. | Sejal Vithal Dhobe | Show |
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| 10 | Kumkum Jaluhwas Khanwar | -Kumkun |
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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 - bacottune

Prof. P. A. Kotkar - bacottune

| S.N. | Name of Student | Signature |
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| 1 | Makek Nameum Abdul Sharif | Mahek. |
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| 4. | Tanah Nool N. Shamed | Taskat. |
| 5. | Rowhitee W. Boekute | 0.95 |
| 6. | Harchita S- Rangari | Bangan' |
| 7. | Vaishnavi M. Zade | Orade |
| 8. | Sneha D. Gredan | phola |
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| 10- | Sakihi S. Chhagankan | 8-Chhagantaz |
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| 13] | Manuja k Sen | Men |
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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 explaination of different electrical instruments like multimeter,voltmeter,ammeter.rheostat. |
| Friday | 14/10/2022 | 07:30AM | Dr. U. P. Manik | Explaination on mathematical background like derivatives, integration, differential equation and unit conversion. |
| Friday | 14/10/2022 | 12:40PM- 03:10PM | Mitali N. Sarkar Priyanka A. Kotkar | Introduction to travelling microscope and its uses. |
| | | 09:10AM | Dr. S. P. Ramteke | Introduction of crystal lattice and related basic terms. |
| Saturday | 15/10/2022 | 12:40PM- 03:10PM | Mitali N. Sarkar Pranali S. Gorghate | Explain the use of ms-word, powerpoint to draw the graph . |
| | | 09:10AM | Dr. U. P. Manik | Explaination on classical mechanics and different atomic models. |
| Monday | 17/10/2022 | 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=mc², Concept of radioactive decay,nuclear fission-fusion and its application. |
| | 1 | 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 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)

- Do you know the derivatives and integration of all trigonometric functions?
- 2. Do you know atomic model and related theory?

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- 3. Do you know units like Angstrom, Fermi, nano, electron volt conversion?
- 4. Do you know the structure and general properties of atomic nucleus?
- Do you know the meaning of mass-energy equivalence relation E=mc²?
- 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?
- 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?

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

DEPARTMENT OF PHYSICS

BRIDGE COURSE

Previous Knowledge Based Test

SESSION: 2022-2023

B.Sc. III (Sem-V)

Date: 12/10/2022

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Department of Physics

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Principal Principal Patei Mahavidyalaya Chandrapur

Department of Physics

DEPARTMENT OF PHYSICS

Bridge Course Completion Test

SESSION: 2022-2023

B.Sc. III (Sem-V)

Date:19/10/2022

| 3. | 14. | <u>.</u> | 12. | = | 10. | ٥. | 00- | 7. | 6. | 5. | 4. | 3. | 2. | - | Sr.No. |
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| Sumit s. Hi wan kur | Khunhbu. C. yadaw | ROHINIT B. Julima | Perio S. Nikuse | Amishur, k. Jogs | Prajakty S. Duratkan | Bhavika O A Kumbhane YES | Shubbangi S. Nirod | Nanatin . S. Lokharde | Pratissia. R. Dhanak Yes | Paola· K. Yadav | Rame Shwari T. Swiften | khushi . C. Duxge | Jayashri D. Bobada | Sonall. S. Nikhade | Name of Student |
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sardar Patel Mahavidyalaya Chandrapur

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| | | | | Yes | 40 | Sel | yes | Ves- | 405 | Yes | YP5 | E. | Yes | Yes | rœ. | 22.6 | Yes | y es | Ves | Yes | Yes | Yes | Yes. | 0.1 |
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Principal Sardar Patol Mahavidyalaya Chandrapur

Urvashi P Wanik Held Held Physics College, Chardrain

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 |
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| 4. | Shruwani A. Makode | Smeloch. |
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| 10. | Samruddhi H. Adkine. | Charine. |
| 11 | Digali M. Surreling | Gaget |
| 12. | Shraddha P. Bramhankar | (Smaddha. |
| 13. | Shraddra P. Brambankar Ramethyroù T. Sugam | okupan) |
| 14, | Sonali. S. Nikhade | Topali |
| | Nandini , S. Lokkande | Reokuande |
| 16 | Simman-Jahan | Staren |
| 17 | Popla. R. Yaday | Byadar |
| 18 | Popla. R. Yadav | Ojaday |
| 19 | Neho I. Khan | (A) |
| 20 | Aachab . U. Gedoni - Vanshita. R. Sheveki | Gredon |
| 21 | Vanshita. R. Shouki | Asstrak? |
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| 23 | Janhovi M. Dewekare | Berlan |
| 24) | Mogini R Dethe | gagni |
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| S.N. | Name of Student | Signature |
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| 26 | AMISHA V. Makode | Mrode |
| 27 | Vaishnaui R. Zake | Calue. |
| 28 | Zoya P.B. Phrikh | Chury. |
| 29 | Bhavika. A. Kumbhare | Bumbhase |
| 30 | Proja S. Mikura | (Alkus) |
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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 |
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| 10 | Bhavika. A. Kumbhare | Brundhave |
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| 18 | Abhishek V. Thakre | allThakra |
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| 20 | Anibet . A. Singh | - Holes |
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Department of Physics S.P College, Chandrapur

| S.N. | Name of Student | Signature |
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| 24 | ROHENIZ B. JULIME | PUR |
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T.

Unvaship Wanik
Head
Department of Physics
S.P College, 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

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| S.N. | Name of Student | Signature |
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| 4. | chandani J. sahu | Osaly |
| 2. | Punya . S. Sankan | Borban. |
| 3. | Aphishek V. Thakre | demokre |
| 9. | Abhishek V. Thakre Syray.s. sarkar | cours. |
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| G | Vaishnav. y. Koyadwar | Vaistmas |
| 7. | Pratik P. Ingok | Melione |
| 8. | Aditya .V. Ojetican | |
| 7. | Nikhil B. Balki | OBELLY. |
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Department of Physics S.P College, Chandrapur

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Urvasil Planik
Head
Department of Physics
S.P College, Chandrapur

| S.N. | Name of Student | Signature |
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Urvashr P Manik Head Head Physics S P College, Changrapur

DEPARTMENT OF PHYSICS

BRIDGE COURSE ATTENDANCE

SESSION- 2022-2023

B.Sc. III (Sem-V) Practical

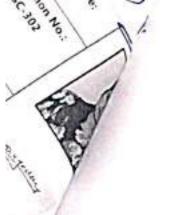
Date:14/10/2022

Name of lecturer: Prof. M. N. Sarkar Prof. P. A. Kotkar

| S.N. | Name of Student | Signature |
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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. Signature Name of Student Phyole Pratik P. Ingole . . Voishand Vaishar. V. Koyadwar Adorsh & karlande akylwole all Mahres Abhiahell. H. Totadl 1)margumdawar 9. Crautum 10. Aditya N. OleHwar 11. 12. Bhavesh. M. Karadbhuje 13. 14 Abhinay. A. Korkoppulwas N. Banapaire Humanshu H. Bobade 18 Prodik A. Dalakorbal Ganesh . S. Madori 20) YOSH A SCAULE Shailendra. R. Grantem Shryti N. Shikanday

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| S.N. | Name of Student | Signature |
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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 |
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| | Peutha S. Dewalkan | Premtho |
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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 |
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Urvasti Manik
Head
Department of Physics
Signature Chandracur

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Department of Physics S.P. College 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 |
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P Manik Head Department of Physics

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Urvashing Manik Head Department of Physics S.P. College, 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 |
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| 2. | Jayashri D. Bobade | D. Bobude |
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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 |
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Urvashi P Manik
Head
Department of Physics

SARDAR PATEL MAHAVIDHYALAY, CHANDRAPUR BRIDGE COURSE- PREVIOUS KNOWLEDGE PAPER SESSION-2022-2023

M.Sc. I (SEM I)

Paper 1 - 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
- Do you know what is mean by Fourier series?
- s. Do you know the properties of Fourier series?
- a Do you know the Fourier Coefficients?
- 10. Do you know about the how to calculate Fourier series for $F(x) = \begin{cases} x f(n) \frac{\pi}{2} \le x \le \frac{3n}{2} \\ (n-x) f(n) \frac{\pi}{2} \le x \le \frac{3n}{2} \end{cases}$

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) Dou 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 la used for?
- 9) Do you know how to find charge distribution?
- 10) Do you 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 | | | | | |
|----------|------------|--|--|---|--|--|--|--|--|
| | | 07:30AM- 10:00AM | P.R Sonune Dr. V. C. Thakre | Familiarization with different devices used in electronics practical. | | | | | |
| Thursday | 13/10/2022 | 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. | | | | | |
| | | 14/10/2022 10:10AM- 12:40PM P.R. Sonune P.R. Sonune P.R. Sonune P.S. Ghubde P.L. Mishra | | Construction of different logic gates using IC's on bread board. | | | | | |
| Friday | 14/10/2022 | | | 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. | | | | | |
| | | 07:30AM- 10:00AM | P.R.Sonune | Construction of different logic gates using Transistor on bread board. | | | | | |
| Saturday | 15/10/2022 | 10/2022 10:10AM- 12:40PM P.R.S P.S. C P.L. N | | Introduction to Flip-Flop with its different types. Explanation of Gauss law (Differential an Integral form). Concept of Interpolation and extrapolation, finitial 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. | | | | | |
| 100 | | 10:10AM- 12:40PM | P.S. Ghubde | Construction of various Flip-Flop on bread board with IC's. | | | | | |
| Гuesday | 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 Pepamarink Physics.
Sardar Patel Mahayidyalaya, Chandrapur.

Department of Physics S.P College, Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR P. G. DEPARTMENT OF PHYSICS BRIDGE COURSE ATTENDANCE LIST

M. Sc. Part I (SEM. I)

| | | discontration. | The second second | | 1000 | 44 0 4 5 | 49.540 | Janaa . | | 12022 |
|--|--|--|---|--|--|--|--|--|--|--|
| NAME OF STUDENT | 13/10 | /2022 | | | | The second second second | | | | |
| | 7:30AM | 10:10AM | 7:30AM | -10:10AM | 7:30AM | 10:10AM | | | | |
| and the state of t | posellie | helevallas | A vonduli. | A Yorkhali | Avadel | A vinction; | A bradbali | A pollate | is malley | A weller |
| ANJALI L. BANWADE | Bunnel | Blemond | Pocurates | Art space le | Homen & | Arcunera | Pennindo | A-mant | The calculate | PACENTAL S |
| CHETANA S. DHAWAS | | (Chicaunul | Thaws) | (Sherway) | Chroma. | Chaves | Carrier | Water | Brown and | Chillian ! |
| DURGA D. BHOJEKAR | Marghan. | hyden | Marian. | Mingthon. | Buch | (her trust | Mary CKOX | motor- | Bucher | Market . |
| MAHIMA K. CHOUDHARI | Constinui | (special) | | Chappen | Strictly | 2 tmarpa | Carnellal | Grandbool | GENERALER | caturno |
| MONALED, LONBALE | | The second second second | - | -[warml] | menul. | | | Junitin | the poly | |
| NALINI S. RAUT | (Notes | Bles. | (Rot- | (1)2-1- | (Epily) | | | The house | F | Para |
| NIRBHAY V. WANI | MUNN | Mymente | Nymand | | | | | Milliane | | MARKE |
| RIYA'S, TUMRAM | Dts. | Qt. | | all | Bills | Oth. | (D) (D) | 460 | Wite . | 8th |
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| SAMIKSHA R. DONGE | Folousk | SHOWER | 1 Jalour | | | BOUN | A DIA | | She to | HE WAY |
| SANDEEP G. RAI | Orlan | africa | Carrier . | africa. | Coffee. | | Color | 3 | 35 | 100 |
| SHRUTER DHOKE | Cofficke- | aprete | - Salver | Sthest | - School | September 1 | The same | 150 | 900 | 20 Jr. |
| SNEHA P. KAMBLE | Marylan | A Stronger | Though. | p ance | Phones. | 1400 | The state of | 120 | 200 | 21 |
| SWALLN WADGHANE | Sur a | WHEN THE | SHIP! | 243× | No state | STATE OF THE PARTY | 0.76 X | War Th | (F1987) | COOK |
| The state of the s | (6) | Gonaline | This phase | T. Carpone | Tel Bearing | W bearbuille | (Carchicke | Contract of | Large House | CIBICA PARK |
| The state of the s | 62 Williams | Carl in | Willedt | GYRHINDIN | Point | Willy Later | (Chi)make | (CO) brother | Car. | the state of the s |
| | | april | Citya 5: | Collects. | Chora. | GIKAKS. | CIRAS. | CHAY. | Citan. | TIME! |
| | 0.0 | Service Su | 0 | P | - | | | | 200 17.1 | 241.1 |
| A STATE OF THE STA | Chailtel | Blitter | المعسسون | Charles | Chillen | Elsewith | (Greedtaly | Bedie | Chou los | Spartier |
| | G stands | G. Marie | G. Mansha | Ca-Woulds | C'Lypning. | 7 Ching | C. France | GARAGE | 10/10/10 | 12 1. Vin |
| | The second secon | | to a Character of | LA SEMPLES AND | of the Endlands | LANGE LANGE | The second | 1 | U 3-4489 | No. of State of Line |
| | Amille | Jupalle | lapalle | Aapalla | Lupais | equipalle. | fundpall | Jupak | > Kharp | Amban |
| | di | 1000 | | | 13.00 | | Stick | tolu- | | |
| JAYSHRI D. TIKDE | Flitte | Church | Bush | Oders | Child | Chèr | Stille. | They. | Acces. | Septem |
| | DURGA D. BHOJEKAR MAHIMA K. CHOUDHARI MONALI D. LONBALE NALINI S. RAUT NIRBHAY V. WANI RIYA S. TUMRAM SADAE N. ANSARI SAKSHI S. URKUDE SAMIKSHA R. DONGE SAMIKSHA R. DONGE SANDEEP G. RAI SHRUTI R. DHOKE SNEHA P. KAMBLE SWATI N. WADGHANE TIJASWINA G. PARCHAKE VEDANTI K. CHICHMALKAR VIKAS S. BUADKAR VINAY S. DAWAR SHRILLEKHA S. MUTYALA MANISHA S. GAJJELA KEDARE SHWARIS. DAYALWAR ANJALI B. GUDPALLE SUSHIL M. PENDOR | AMIT V. GONDHALI ANJALL BANWADE CHETANA'S DHAWAS DURGA D. BHOJEKAR MAHIMA'K CHOUDHARI MONALI D. LONBALE NALINI S. RAUT NIRRHAY V. WANI RIYA'S TUMRAM SADAF N. ANSARI SAKSHI S. URKUDE SAMIKSHA'R DONGE SAMIKSHA'R DONGE SANDEEP G. RAI SHRUTI'R DHOKE SNEHA P. KAMBLE SWATI'N WADGHANE TEJASWINA G. PARCHAKE VEDANTI'K CHICHMALKAR VIKAS S. BUADKAR VINAY S. DAWAR SHRILEKHA'S MUTYALA MANISHA'S GAJJELA KEDARF SHWARIS DAYALWAR ANJALI B. GUDPALLE SUSHIL M. PENDOR | NAME OF STUDENT 13/10/2022 7:30AM 10:10AM ANJAUL BANWADE CHETANA'S DHAWAS DURGA D. BROJEKAR MAHIMA K. CHOUDHARI MONALLD, LONBALE NAUN'S RAUT NIRBHAY V. WANI RIYA'S TUMRAM SADAF N. ANSARI SAKSHI'S URKUDE SAMIKSHA'R DONGE SANDEP G. RAI SHRUTH DHOKE SANDEP G. RAI SHRUTH DHOKE SNEHA P. KAMBLE SWA'UN WADGHANE THASWINA G. PARCHAKE VEDANTI'K CHICHMALKAR VIKAS'S BUADKAR VINAY'S DAWAR SHRILEKHA'S MUTYALA MANISHA'S GAJELA KEDARE SHWARIS DAYALWAR ANJALI B GUDPALLE SUSHIL M. PENDOR | NAME OF STUDENT 13/10/2022 14/16 7:30AM 10:10AM 7:30AM AMIT V. GONDHALI ANJALI L. BANWADE CHETANA S. DHAWAS DURGA D. BHOJEKAR MAHIMA K. CHOUDHARI MONALI D. LONBALE NALINI S. RAUT NIRBHAY V. WANI RIYA S. TUMRAM SADAE N. ANSARI SAKSHI S. URKUDE SAMIKSHA R. DONGE SANDEEP G. RAI SHRUTI R. DHOKE SNEHA P. KAMBLE SWATI N. WADGHANE TIJASWINA G. PARCHAKE VEDANTI K. CHICHMALKAR VIKAS S. BUADKAR VINAY S. DAWAR SHRILEKHA S. MUTYALA MANISHA S. GAJIELA K. DAYALWAR ANJALI B. GUDPALLE SUSHIL M. PENDOR RESALL SANDELS SUSHIL M. PENDOR RE | AMIT V. GONDHALI ANALI L. BANWADE CHETANA S. DHAWAS DURGA D. BHOJEKAR MAHIMA K. CHOUDHARI MONALI D. LONBALE NALINI S. RAUT NIRBHAY V. WANI RIYA S. TUMRAM SAKSHI S. UKKUDE SAMIKSHA R. DONGE SAMIK DHOKE SAM | NAME OF STUDENT 13/10/2022 14/10/2022 15/10 7:30AM 10:10AM 7:30AM 10:10AM 7:30AM AND TO GONDHALL AND T | NAME OF STUDENT 13/10/2022 13/10/2024 13/10/2022 13/10/2022 13/10/2024 13/10/2022 13/10/202 13/10/202 13/10/202 13/10/202 13/10/202 13/10/202 13/10/2 | NAME OF STUDENT 13/10/2022 14/10/2022 15/10/2022 15/10/2022 17/10 AMIT V. GONDHALL ANALL BANWADE CHETANA S. DHAWAS CHETANA S | NAME OF STUDENT 13/10/2022 13/10 | NAMIFOR STUDENT 13/10/2022 14/10/2022 15/10/2024 15/10/2022 15/10/2024 1 |

Mathematical Physics

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

| | ous Knowledge Based Test | | | M | . Sc. 1 | SEM.I | A STORY | | | | Date: | 12/10/2022 |
|--------|--------------------------|-----|-----|------|---------|-------|---------|-----|------------|-----|-------|--|
| Sr.No. | Name of Student | Q,I | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | Q.10 | Signature |
| 1 | AMIT V. GONDHALL | No | No | NO | 44 | No | Yes | NO | 20 | No | No | Anit |
| 2 | ANJALI L. BANWADE | 463 | No | No | No | No | NO | No | 40 | N | NO | Diposode |
| 3 | CHETANAS, DHAWAS | No | No | No | Yes | Nu | No | Yes | No | No | No | (3houry |
| 4 | DURGA D. BHOJEKAR | 496 | 888 | No | No | No | NO | No | No | No | No | Mojekou |
| 5 | MAHIMA K. CHOUDHARI | Yes | NO | No | 110 | NO | No | No | 291 | NO | 140 | Etandhazi |
| 6 | MONALI D. LONBALE | 408 | NO | NO | No | NO | No | No | NO | No | NO | Jonepelli |
| 7 | NALINES, RAUT | 165 | 409 | No | Yes | NO | No | No | No | No | NO | tes |
| 8 | NIRBHAY V. WANI | No | No | 20 | New | NO | 20 | No | No | 20 | No | Mone |
| 9 | RIVA'S, TUMRAM | No | No | No | 294 | No | NO | No | No | No | Yes | 90 |
| 10 | SADAF N. ANSARI | No | No | No | yes | No | No | | No | | 44 | Arrean! |
| 11 | SAKSHI S. URKUDE | No | 403 | No | No | No | 44 | 1Vo | No | No | NO | Sakshi |
| 12 | SAMIKSHA R, DONGE | No | No | No | No | No | No | No | Yes | Ho | Yes | Senonge |
| 13. | SANDEEP G. RAI | No | No | No | AEL | No | No | No | No | No | No | Gran. |
| 14 | SHRUTT R. DHOKE | MO | 140 | NO | NO | yes | No | No | NO. | No | No | & Bhoke |
| 15 | SNEHA P. KAMBLE | NO. | NO | YES. | NO | NO | YES | NO | NO | NO | NO | a kambe |
| 16 | SWATEN, WADGHANE | NO | NO | THO | Vex | Yex | No | NO | YCX | Va | No | asulta |
| 17 | TUASWINA G. PARCHAKE | No | No | Yes | No | No | No | No | No | Yes | No | Bosching |
| 18 | VIHANTIK CHEHRIAKKAR | No | No | No | No | YES. | No | NO | No | NO | YES | Widemat pre |
| 19 | VIKAS S. HLADKAR | No | 40 | 20 | 20 | No | Yes | NO | NO | NO | No | The second secon |
| 20 | VINAY S. DAWAR | NO | 20 | 20 | 20 | 20 | 100 | 46 | NO | No | No | Davoger |
| 21 | SHRILEKHA'S, MUTYALA | No | Yes | No | NO | MO | No | No | No | No. | No | Charlett |
| 22 | MANISHA'S GAULLA | No | 40 | yes | No | No | No | No | No | No | No | G Merite |
| 23 | KUDARI SEWARIS DAYALWAR | No | No | No | No | YES | No | No | Mo | No | AEC | Kingel . |
| 24 | ANJALIB GUDPALLE | No | No | Yes | No | No | 100 | No | No | No | No | Lyxille |
| 25 | SUSUID M. PLNDOR | | - | | | | | | - | 1.0 | - | |
| 26 | JAYSHRI D. TIKDE | 20 | 20 | NO | NO | No | NO | No | NO | 1/8 | No | Tribade |

(s.K.Bachche)

Sardar Patek Manavidyalaya Chandrapur Head SPHILLING CHANGES

Complex Analysis of Numerical Method BRIDGE COURSE (SESSION: (2022-2023)

| Sr.No. | Ous Knowledge Based Test Name of Student | - | | M | . Sc. I | SEM.I | | | | Date:12/10/2022 | | | | |
|--------|--|---|-----------|------------|----------|-------|-----|-----|--|-----------------|--------------|-----------|--|--|
| | 1,000,000 | 0.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | Q.10 | Signature | | |
| 1 | AMIT V. GONDHALI | -10 | | | | 10 | -20 | | 4.0 | | 7.2 | Amit | | |
| 2 | ANJALI L. BANWADE | 7-43 | 100 | 10 | 20 | 20 | 100 | 20 | 20 | 20 | 200 | Dunwoods | | |
| 3 | CHI FANA'S DHAWAS | 100000000000000000000000000000000000000 | | 40 | P. C. C. | ho | No | ho | 100 | po | Laborator II | Away. | | |
| 4 | DURGA D. BHOJEKAR | No | No | No | YPS | No | No | Aez | No | No | No | grajekan. | | |
| 5 | MAHIMA K, CHOUDHARI | No | No | yes | No | 787 | No | No | No. | NO | No | Claudina | | |
| 5 | MONALLD LONBALE | No | No | MO | 110 | 468 | 110 | 110 | No | 140 | 40 | smenull' | | |
| 7 | NAUNI S. RAUT | No | MO | Mo | No | AGR | NO | NO | Mo | MO | MO | CRA. | | |
| 8 | NIRBHAY V. WANI | No | 70 | Yes | | Yes | No | No | No | No | No | Doan | | |
| Q . | RIVAS, TI MRAM | NO | 10 | 40 | 20 | No | 20 | 100 | 100 | 10 | No | Q4 | | |
| 0.1 | SAUAL S. ANSARI | No | Nie | No | No | No | Yes | NO | # C - C - C - C - C - C - C - C - C - C | NO | No | Costee | | |
| 1.1 | SAKSHI S. URKUDE | No | No | Yes | No | No | HU | No | No | No | No | Gustude | | |
| 12 | SAMIKSHA R. DONGE | No | No | No | Yes | No | No | No | No | No | Yes | D-lange. | | |
| 13 | SANDLEP G. RAL | No | YES | No | No | No | No | No | No | No | 100 | Blui. | | |
| 14 | SHRUTER DHOKE | NO | NO | No | NO | ND | Yes | Ma | Na | NO | No | STrais & | | |
| 15 | SNLHAP, KAMBLI | NO | NO | NO | NO | YES | NO | NO | NO | NO | NO | R namble | | |
| 16 | SWATEN, WADGILANE | 710 | HO | Yes | Yes | NO | NO | 44 | 44 | No | NO | Mules X | | |
| 17 | TI JASWINA G. PARCHARI | No | Yes | No | No | No | NO | NO | No | No | Yes | Forhuke | | |
| 18 | VERNALE FOR HAVERAR | No | 170 | No | No | YES | No | No | No | No | YES | Wichaler | | |
| 149 | VIKAS S. BUADKAR | Yes | No | 20 | No | No | No | No | 20 | No | 20 | | | |
| 20 | VINAY S.DAWAR | NO | No | NO | NO | NO | 40 | 20 | 20 | No | No | | | |
| 21 | SHIGHT KHAS METYALA | WO | NO | Yes | N6 | NO | No | NO | NO | NO | No | Januar - | | |
| 22 | MASSEMS GAULLA | yes | No | No | No | 170 | No | No | No | No | No | G. Mains | | |
| 24 | KELLER SHE SHE DAVAGE WHE | No | Yes | No | L/10 | No | No | No | 119 | No | NO | Kant. | | |
| 24 | ASSESTED OF DUALITY | NO | Yes | 100 | No | No | No | No | No | No | 100 | Legalle | | |
| 25 | SUSTEEN STATES | www. | 7. S. 19. | A STATE OF | | | | | Same of the same o | | | × 1 3000 | | |
| 26 | 0 9 | 20 | No | NO | No | 20 | No | 10 | No | 路 | Yes | Tolledo . | | |

(or P.L. Hishva)

Principal Sardar Patel Mahavidyalaya Chandrapur

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

Paper-III Electronico

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

| Previ | ious Knowledge Based Test | | THE THE | | L Sc. 1 | SEM.I | | -2023) | | | Date | 12/10/2022 |
|----------|---------------------------------------|------|--------------------------|-----|------------|-------|-------|-------------------|------|-----|------|-------------|
| Sr.No. | Name of Student | Q.I | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | 0.9 | Q.10 | Signature |
| 1 | AMILI V. GONDHALI | No | NO | 20 | 20 | 20 | No | 20 | | | 2 | Amit |
| 2 | ANJALLL BANWADE | 100 | 468 | 70 | 200 | NO | No | No | 20 | 100 | 170 | Danier D |
| 3 | CHETANA'S DHAWAS | 465 | No | No | No | No | No | Yes | NO | No | No | Chrawd |
| 4 | DURGA D. BHOJEKAR | No | No | No | yes | No | yes | No | No. | No | No | Amojekan. |
| 5 | MATIMA K. CHOUDHARI | No | 234 | 140 | 140 | 110 | No | NO | No | 755 | NO | anudhae |
| 6 | MONALLD LONBALE | NO | NO | ruo | NO | Yes | NO | NO | TUO | ruo | ruo | frenull |
| 7 | NALINES, RAUT | No | Yes | No | No | Yes | NO | No | NO | No | NO | (A) |
| 8 | NIRIHIAY V. WANI | 20 | 20 | No | 20 | NO | 20 | NO | 20 | No | NO | Nuai |
| | RIYAN HARAM | 140 | 40 | No | No | No | Yes | 140 | No | NO | NO | Que |
| 10 | SADALN, ANSARI | NO | No | NO | No | No | yes | No | No | No | NO | Burgan |
| 11 | SAKSHI S. LRKUDE SAMIKSHA R. DONGE | No | yes | NO | No | yes | No | No | yes | No | No | antude |
| 12 13 | SANDLEP G. RAI | No | N'O | Yes | No | No | No | No | No | No | No | Ridowy |
| 14 | SHRUITE DHOKE | No | No | NO | No | NO | 100 | YES | 1120 | No | NO | Alu. |
| 15 | SNITIA P. KAMBLI | NO | NO | | NCC NCC | | 100 | NO | Mac | 100 | yes | 12 II |
| 16 | SWALLY WADGHANE | NO | A Company of the Company | MO | VES. | NO | NO | MO | YES | NO- | NO. | Themph- |
| 17 | TELESWIN V.G. PARCHARE | 110 | No | No | Nex | Yes | - Yes | The second second | | MO | YY | |
| 18 | VIIIINII A TERMININAR | No | NO | No | YES | No | NO | NO | No | YES | 10 | William kay |
| 19 | VIKASN BLADKAR | 40 | 20 | Yu | 20 | 20 | 20 | 20 | JE2 | 100 | 20 | with |
| 20 | VINAY S. DAWAR | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | | Sparson |
| 21 | SHRELIKHAS SH IYALA | Yes | No | NO | No | No | No | No | No | NO | 100 | (glowest |
| 22 | MANISHA S GAULLA | No | No | yes | No | No | No | No | 100 | No | NO | G. Mouigle |
| 71 | with all side ours traval with | No | No | NR | No | No | YES | 010 | No | No | No | K PHOT. |
| 24 | ASSULTED OF DEALER | No | Yes | 100 | No | No | No | No | No | No | 6W | |
| 25 | SUSTRICATION STRONG | 1000 | 1 | | | 100 | | | | | | 7.1202 |
| 26 | PATERIA BOX | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | No | No | Stikes. |

Sardar Patel Mohavidyalaya Chandrapur (Dr. Urvashi P. Manik)

Dapaument of Physics

Paper IV Electrodynamics-I

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

| Prev | ious Knowledge Based Test | | BRH | | - | SESSION | | -2023) | | | | 12/10/2022 |
|----------|---------------------------------------|------|------|-------|-----|---------|-----|--------|-----|--|------------|----------------------|
| Sr.Nu. | Name of Student | Q.1 | Q,2 | Q.J | Q.4 | SEM.I | Q.6 | Q.7 | Q.8 | 0.9 | Q.10 | Signature |
| 1 2 | AMIT V. GONDHALI ANJALI L. BANWADE | 70 | 200 | 20 | 70 | 20 | No | 20 | 20 | No | 20 | Anit |
| 3 | CHI-TANA S. DHAWAS | No. | No | No | No | Yes | No | No | No | No | 100 Ves | Buchway |
| 4 | DURGA D. BHOJEKAR | No | yes | No | No | No | No | No | yes | No | NO | Phyjerour |
| 5 | MAHIMA K. CHOUDHARI | No | No | 100 | 485 | No | NO | NO | No | Yes | NO | Querch hope |
| 6 | AIONALI D. LONBALE | NO | Ves | RIO | MO | ruo | NO | No | NO | NO | No | Inwrell. |
| 7 | NATINES RAUT | Yes | No | Yes | No | No | No | No | NO | No | No | (EREA |
| 8 | NIRBHAY V. WANI RIYAS, TI MRAM | 10 | 10 | NO | 100 | 20 | 100 | No | No | 20 | 100 | Alexania Contraction |
| 10 | SADAL N. ANSARI | No | 1/10 | No | 40 | No | Yes | No | No | No | No | Swan |
| 11 | SAKSHI S. URKUDE | No | NO | No | NO | No | No | No | NO | NO | NO | Budande |
| 12 | SAMILSHA R. DONGE | No | No | No | No | No | Yes | Yes | Yes | No | No | Sodange |
| 13 | SANDLEP G. RAI | No | No | No | No | No | No | YES | No | No | Na | GR. |
| 14 | SURPER DEIONE | yes | No | No | No | No | No | NO | ND | No | No | Ashore |
| 15 | SSI HA P. KAMBLE | YES. | NO | NO | NO | NO | NO. | NO. | No | NO | No | Atamile |
| 16 | SWATEN, WADGITANE | Yes | NO | 4.4 | NO | 40 | No | 40 | | No | | Tool ! |
| 17 | DUASWINAG PARCHAKE | No | No | No | No | Yes | No | Yes | No | N | 170 | Finhulso |
| 18 | AND AND RESERVE AND ASSESSED. | No | YES | No | No | YES | No | No | 100 | 100 | 100 | @dishmater |
| 14) | VIKAS S. HLADRAR | NO | No | No | 20 | No | 20 | 100 | 20 | 20 | No | |
| 20 | VINAY NIDAWAR | 20 | No | No. | 10 | 20 | 100 | No | No | The state of the s | 1 20 | |
| 21 | SHRILL KILLYS, MILIYALA | No | 140 | NO | 405 | No | No | No | סאן | NO | NO | Journely |
| 2.2 | MANISHAN GAULLA | No | No | No | No | AGZ | No | 100 | 100 | No | | G. Mailele |
| 2.7 | KLIDER SIDE OUR DISTARRANCE | No | No | AEI | Vre | Mo | No | No | No | 1 22 | No | K. Part. |
| 14 | AZURLB OF DEALTH | No | No | Yes . | No | No | No | No | No | No | No | Auguis |
| 25 26 | SOS III SA PENDOR | 20 | 20 | No | No | No | 100 | No | No | No | No | Tileds. |

Sardar Patel Manavidyalaya Chandrapur Department of Physics

P-1 Mothermatical Physico

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Bridge Course Completion Test (2022-2023)

| | | | | M. Sc. | I SEM | 1.1 | | | | | D | ate:19/10/2022 |
|---------|-------------------------|------|-------|--------|--------|----------|----------------------|------------------|------|------------|------------|----------------|
| Sr. No. | Name of Student | Q.1 | Q.2 | Q.J | 0.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | Q.10 | Signature |
| 1 | AMILLY, GONDHALL | yes | Yes | Yes | Yes | Yes | No | Vos | Max | | Ve | (A Vindhali |
| 7 | ANJALLL BANWADE | Trea | 44 | 44 | 40 | 44 | 44 | 45 | Yes | No | 443 | Acrond |
| 1 | CHETANA'S, DHAWAS | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | Yes | Thurs |
| 1 | DURGA D. BHOJEKAR | yes | yes | yes | | yes | YED | Yes | yes | yes | 40 | Amojekan |
| 5 | MAHIMA K. CHOUDHARI | 162 | Yes | Yes | | Yes | - | | | | 462 | Congless |
| x. | MONALI D. LONBALE | 408 | Ves | Nes | Yes | No | 700 | Nes | 400 | 462 A62 | Section 2. | Jauruli |
| - | NALINES, RALT | No | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Plet |
| | NIRBHAY V. WANI | Yes | Yes | No | yes | Yes | Yes | ALCOHOL: A COLOR | Ves | Yel | Mo | Muzni |
|) | ROAS H MRAM | Yes | Yes | Yes | Yes | Yes | No | yes | Yes | Yes | No | Oute |
| 0. | SADALN, ANSARI | Jes | yes | Gu | NO | 44 | 44 | 44 | 44 | 44 | NO | Suran |
| 1 | SAKSHI S. URKUDE | Yes | Yes | Yes | Yes | Yes | Yes | Tes | No | Yes | Yes | Butucle |
| 2 | SAMIKSHA R. DONGE | 423 | 40 | Yes | Yes | No | Ves | Yes | Ves | Yes | Vas | Blom |
| 7 | SANDLEP G. RAL | Hel | yes | yei | ves | 44 | yes | yei | yei | yes | you | Oliv. |
| 4 | SHOW HR DHOKE | YES | | 443 | YES | Yes | Action to the second | YES | No | YES | VES | - 13though |
| 5 | SSCHALP, KAMBLE | YES | YES | YES | NO | YES | YES | YES | YES | 4€S | YES | |
| 6 | SWATEN, WADGITANT | 4/8 | 408 | 40% | No | Yex | No | Yes | No | YAY | No | |
| 7 | TELASMINA G PARCHARE | Yes | Yes | Yes | Yes | 405 | No | Yes | yes | Yes | No | Thomas |
| 8 | YEDANTI WCHICHM DUK AR | YES | YES | YES | YES | No | No | YES | YES_ | YES | YES | Chiladanica |
| 9 | VIKAS S BUMDKAR | VES | YES | YES | YES | NO | YES | YES | | YES | YES | Dikak. |
| 99 | VINAY S DAWAR | 400 | 400 | 400 | 400 | Yes | 400 | No | 400 | 400 | 40 | Alimin . |
| 1 | SHRILEKHA'S MUTYALA | yes | 425 | Yes | 44 | 44 | Yes. | 44 | 44 | Yes | 44 | Cheiner |
| 2 | MANISHAS GALIELA | Ges | Hes | ges | 1 gres | dos | yes | 170 | yes | MO | 423 | GManie |
| 3 | KEDARESHWARES DAYALH AR | ME3 | YES | YES | YES | YES | YES | No | No | YES | AEZ | K.Say. |
| 4 | ANJALI & GUDPALLE | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Aupalle |
| 5 | SUSHIL M. PENDOR | | 12/52 | | | | 1 | N. S. | | | | Sidering |
| 6 | JAYSHRID TIKDE | Yes | 40) | 400 | 400 | Yes | 420 | YED | No | 404 | Y.50 | Lyen |
| | Grishnet. | | -23 | | A | avidyala | ya | 19 | | | Wsless | |

(s.K. Bachche)

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Comply: Amalysis & Humaical Matter Sardar Patel Mahavidyalaya, Chandrapur Department of Physics

Bridge Course Completion Test (2022-2023)

M. Se. I. SEM.I.

| Sr.No. | | - | - | M. Sc. | I SEM | LI | | | | 1000 | D | ate:19/10/2022 |
|----------|---------------------------------------|------|-----------------|----------------------------------|-------|------|------|-----|-----------------------|--------|------------------|----------------|
| Strong. | 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 | Ye9 | Yes | Yes | No | Yes | Yes | No | yes | A Wandhali |
| 2 | ANJALLE BANWADE | 451 | - | vel | Nes | 403 | 40 | 403 | 400 | 4-05 | 40 | Desparade |
| 3 | CHETANA S. DHAWAS | Yes | 0.00 | The second second | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Bloowed |
| 4 | DURGA D. BHOJEKAR | yes | Annual Property | - Procedure in construction con- | 40 | No | yus | yes | 423 | yes | yes | nevelon |
| 5 | MAHIMA K. CHOUDHARI | Yes | | 234 | NO | 488 | 294 | Yes | 40 | 140 | 234 | Struction |
| 6 | MONALI D. LONBALE | NO | Yes | | Yes | ye8 | Yes | Yes | Yes | 408 | 408 | Imenuli |
| 7 | NALINI S. RAUT | No | Yes | | Yes | Yes | Yes | Yes | Yes | Yes | Yes | (Hart |
| 8 | NIRBHAY V. WANI | yes | Ves | Berry Landerson | Yess | Ves | yes | 40 | 469 | Yes | No | Namora |
| 9 | RIYA'S, TUMRAM | Ves | Yes | 1-6 | Yes | Ves | Yes | No | 40 | Yes | 40 | Ote |
| 10 | SADAL N. ANSARI | yes | yes | yes | yes | Yes | NO | 44 | yes | 40 | Mes | Anon |
| 11 | SAKSHES, URKUDE | Yes | Yes | Yes | Yes | 763 | Yes | Yes | No | Yes | Yes | Buchuse |
| 12 | SAMIKSHA R. DONGE | Yes | yes | Yes | Yes | 44 | 400 | 400 | No | Ye | yes | Delange_ |
| 1.3 | NANDLEP G. RAT | 44 | 44 | No | yes | nyes | yes | yes | 1/03 | 40 | yu | 8/2 i. |
| 14 | SURLUE DHOKE | No | Yes | YES | 465 | YES | YES | 465 | and the second second | 465 | 465 | Marke |
| 15 | SHEHA P. KAMBLE | YES | Yes | 465 | NO. | 465 | YES. | 4R2 | 455 | YES | Y65 | Marite |
| 16 | SWATEN, WADGITANT | lles | 44 | VE | 44 | No | 48 | NO | 44 | NO | yes. | Bell 1 |
| 17 | TEJANWINA G. PARCHAKE | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Burdathe |
| 18 | VEDANTIK CHICHMALKAR | No | No | AGZ | YES | YES | YES | YES | 465 | YES | YES | @Okchmal kan |
| 19 | VIKAS S. BUADK VR | YES | YES | YES | YES | NO | ABT | ABR | No | YES | YES | Ollage |
| 20 | VIMAY S. DAW AR | yes | 400 | 400 | des | YOU | Yes | des | yes | No | NO | June |
| 21 | SHRILEKHA'S MUTYALA | Yes | ho | 44 | My | Yes | 40 | yes | Yes | Yes | yes | Grielist |
| 22 | MANISHAS GALLELA | No | No | Jr3 | yes | yes | yes | yes | THES. | yes | 43 | |
| 23 | KE DARESHWAR'S DAYALWAR | No | No | AE2 | 29y | YES | YEL | dez | 4EZ | 465 | YES | Grant . |
| 24 25 | ANJALI B GUDPALLE SUSHIL M. FENDOR | No | Yes | Yes | 458 | Yes | Yes | Yes | Yes | Yes | Yes. | Supalle |
| 26 | JAYSHRED TIKOE | yes | 400 | 400 | NO. | Yes | 400 | 400 | 400 | Y Sen: | alties alties | game |

(alt. P.L. Mishra)

Chandrapur

Decision the ward approvies

Electroniu

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

| Sr.No. | Name of Student | - | | M. Sc. | 1 SEN | 1.1 | | | | | D | ate:19/10/2022 |
|--------|--------------------------|------|-----------|---|---------|--|--------------------|---------------|---------|----------------|-----------|----------------|
| | Name of Student | QJ | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | Q.10 | Signature |
| | AMIT V. GONDHALI | Ves | 40 | 400 | Lean | 40 | No | Yes | Max | A | 15.3 | A-vimoleule |
| 2 | ANJALI L. BANWADE | Neg | 40) | 10 | 161 | | | | Yes | 70 | 40) | Berncomo |
| 3 | CHETANA S. DHAWAS | Yes | Yes | Yes | Yes | and the state of t | to be projected in | Yes | Yes | - Particular - | 181 | Thursy |
| 1 | DURGA D. BHOJEKAR | yes | yes | yes | yes | No | 4.0 | 1 - 1 - 1 - 1 | yes | Mes | NO Yel | Shojeron |
| 5 | MAHIMA K. CHOUDHARI | 705 | 760 | | 415 | 762 | - | yes | | No | | exucinai |
| 5 | MONALI D. LONBALE | 1/28 | | Yes | MO | | 488 | 745 | 465 | 711 | Yes | Aminuti' |
| 7 | NALINES RAUF | Yes | 468 | 768 | 100000 | NO | 408 | 468 | yes. | 468 | | The I |
| 8 | STRBHAY V. WAST | Yes | Yes | Yes | Yes | No | 160 | Yes | Yes | YAS | 783 | Number |
| j. | RIYA'S, TUMRAM | Yes | Ves | Yes | Yes | 40 | Ne | Yes Yes | Yes | 40) | Yes | 100 M 1 |
| 10 | SADALN ANSARI | yes | Med | 40 | fu | 44 | 40 | NO | Nej | 405 | 44 | Susan |
| 11 | SAKSHES URKUDE | Yes | Yes | Yes | Yes | No | 405 | Yes | 40 | Yes | 40 | Budeuck |
| 12 | SAMIKSHA R. DONGE | Yas | 400 | yes | yes | Yes | No | Yes | Ves | Yes | 400 | Blone |
| 12 | SANDLEP G. RAL | 745 | No | yu | yes | 44 | Ver | yes | yes | res | yes | afair. |
| 14 | SHRU HR, DHOKE | 465 | Yes | Yes | 465 | YES | 405 | No | YES | 4/55 | | Dhek |
| 15 | SMILLS P. KAMBLE | 4€5 | NO. | 465 | 465 | Y65 | 465 | 465 | YES. | JES | | Famile |
| 6 | STATES WALKBEAM | 4 0 | 44 | 44 | 44 | 4-43 | | | 44 | 44 | No | Sielohe |
| 17 | LLIASWINA G. PARCHAKE | yes | Yes | Yes | res | Yes | Yes | Yes | Yes | No | Yes | Frahuk |
| 1.8 | VEDAM K CHICKMANKAR | YES | YES | YES | No | VES | No | YES | YES | YES | YES | Occhichman. |
| 19 | VIKAS III ADKAR | YES | 194 | YEJ | YEJ | NO | YEL | YEJ | No | VE | LAY | DIKale. |
| 20 | VINAYS. DAW VIE | 400 | Yes | 400 | No | Yes | Yes | Yes | 400 | 400 | 405 | Smit |
| 21 | SHRIVEKHAS MUTYALA | YES | 405 | 485 | Yes | Wo | Yes | yes | Yes | yes | Yes | Theires |
| 22 | MANISHA S GALLELA | Jes | yes | yes | yes | 463 | ho. | yes | yes | 100 | yes | G. Marika |
| 23 | KEDARESHWART S DAYAT WAL | YES | Ver | 488 | No | yel | yes | Lpo | Yel | Yes. | yer | |
| 2.4 | ANIALIB GUDPALLE | Yes | Yes. | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | depalle |
| 25 | SUSHIL M. PENDOR | | 0.74950.4 | 100000000000000000000000000000000000000 | 1000000 | | A | | 0.00080 | | | 24 |
| 16 | JAYSHRI D. TIKDE | 400 | No | 40) | Yes | 40) | yes | 400 | 40 | Yea- | NIN | Liberry |
| | WILL STRUCK | | | | Pri | (death) | | Sec. | -ahi | S IATE | ,,,,,, | NIE CO |

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SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Bridge Course Completion Test (2022-2023) Date:19/10/2022 SEM.I M. Sc. 1 Signature Q.10 Sr.No. 13.7 0.8 0.9 Q.fi Name of Student 0.1 Q.3 Q.4 0.5 0.7 youllout NO res ï AMIL V. GONDHALL 始 Yes Ye) 10 yes 40 40 4e3 Fixer woods 400 4.23 400 4-25 71.45 ANJALLE BANWADI 4-28 4-03 40 4.21 40 (Thewe Yes Yes Yes Yes Yes Yes Yes CHIETANA S. DHAWAS Yes Yes 40) Anjeka No 40 DERGA D. BHOTEKAR yes yes yes yes yes yes yes Stand hora No 231 405 294 231 NO 468 8 MAHIMA K. CHOUDHARI 468 48% MO 294 fmendsi Yes Yes Yes MO NO yes Yes MONALI D. LONBALI Yes yes yes 6 Yes Xes NO Yes 4.85 NALINIS RAUL No NO Yes Yes Yes. Numeral Ye Yes NIRBHAY V. WANI ye) NO yes yes yes Yes 8 NO yes yes Ritz No Yes RIVA'S TUMBEAM Yes Yes Yes Yes Yes yes YES yes 44 yer Yes 248 As 84 anoon yes Yes NO SADAL V. ANSARI yes 10 Yes No Burky de 405 tes SANSHUS URKLIDE Yes Yes 405 Yes 465 11 Solony. Yes Yes Yel Yes YEL No Yes SAMIKSHA'R, DONG! Yes Yey 40 13 yes 36 yes yes yes 34 NO 40 44 46 No SAMPLE GRAD 13 465 465 465 No 465 YES 465 445 405 465 STREET R. DHOKE 14 VES YES YES YES 465 YES 465 465 NO VES SSETTAP KAMBLE 15 YCX No 44 NO No 421 403 NO SWALLS WALKHIANI 44 44 İft Yes 425 Yes Yes No YES Bernhule yes Yes TELASMINAG PARCHARI 705 Yes 15 YES **JES** NO YES YES YES NO 7ES @airlimate 4 YES VEDANT K CHICHMALKAR 4ES 18 YEL YES YEJ NO NO YEL 224 LAY Dikell. LAY VIKASS BLAHKAR YES 14) yes Yen YES 400 400 No 400 NON Missey VINAY S. DAWAR 400 YES 211 yes yes Yes Litter 40 NO Yes Yes No SHRILEKHA S. MUTYALA Yes Yes 21 yes yes yes yes Jes yes yes. yes yes G.Manist yes No NO MANISHA & GALLELA Ver YES ver NO YEL 10% Yel 534 KEDARESHWART SDAYALWAR 23 Yes Yes Yes Yes Yes Yes Yes Yes No Jupalle ANUALI & GUDPALLE les 24 Watikley Watikley SUSHIL M PENDOR 25 No JAYSHRID TIKDE 401 40) 26 yes yes 463

Sardar Patel Mahavidyalaya Chandrapur read physics Manik

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
- Do you know about the JFET?
- 10. Do you know about MOSFET?

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P. G. DEPARTMENT OF PHYSICS BRIDGE COURSE TIME TABLE

SESSION: 2022-2023

M.Sc. II (Sem-III)

| | 1.5c. 11 (Se | | | Callabara |
|----------|--------------|---------------------|--|--|
| Day | Date | Time | Name of Teacher | Syllabus Syllabus On the Control of the Control o |
| Thursday | 13/10/2022 | 07:30AM- 10:00AM | P.S. Ghubde S.K. Bachche P.L. Mishra | Concept of Crystal, Lattice (2D/3D Bravias 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. Schrodingers 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. |
| | | 07:30AM- 10:00AM | P. L. Mishra Dr. U. P. Manik | Verification of Planck's constant from LED (RED) |
| Monday | 17/10/2022 | 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. |
| | | 07:30AM- 10:00AM | P. L. Mishra Dr. U. P. Manik | Determine the Ionization of Potential of Mercury using gas filled diode. |
| Tuesday | 18/10/2022 | 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) |

Mman

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

Flead, Department of Physics,
Sardar Patel Mahawadyalaya, 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. | NAME OF CTUDENT | 13/10 | 0/2022 | 14/10 | 0/2022 | 15/1 | 0/2022 | 17/10 | /2022 | 18/10 |)/2022 |
|-----|---------------------|-----------|--|-----------|-------------|----------|--|-----------|-----------|-------------|-----------|
| No. | NAME OF STUDENT | 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 | Thister | Athistok | Abhi shek | Ahishek | Abhillad | Abhichelo | alhishels | Abhisheic | Abhislax | Phisher |
| 3 | ASMITA BORKAR | Donita | The second secon | | | | 1 | Amita | 1 | Asmita | Domita |
| 4 | CHAITALEE DANGE | 185 | 1,000 | 3 | | | - 123 | DMILL | | | - 1- |
| 5 . | KOMAL DEOTALE | Womal | homal | Bouter | Plantal | Jumal | homal | Wornal | nomal | Klade | Fluits |
| 6 | KOMAL DHANDRE | Kistan | Kerry | 1 | - | | The same of the sa | 1 | 1 . 1 1 | Kithan | - poton |
| 7 | KHEMLATA DHARNE | By having | | | L By Dharry | Boharr | | | | na Boharin | 6101 |
| 8 | POOJA DURGE | Proje | P0019 | · Rooja | 800/9 | 800,9 | Proj 1 | 80035 | Corla | P0019 | 60019 |
| 9 | KUSHAL INGALE | Din | Ceans. | Qui | lever. | Duy | Clever. | (lequis | Mary. | (udin - | Duy. |
| 10 | SANDHYA KATLA | Sadhya | Sadling | Sadhya | Saulya | | Sadlyg | Vecala | Cotte | Valla- | DAG- |
| 11 | PRATIMA MANDAL | 12 Detion | Someting | Manya. | exprating. | | | Pratime | | per prating | Section . |
| 12 | PRADNYA MESHRAM | 570 | Ridge | Brigg | Britis | Rediff | 8 coly | 2 Tyles | Ridge | RILD | Records |
| 13 | PRATIK MOHURLE | Blohuzle | Blohyde | Dohyal | 27/ohude | Prohips | & Brohyn | e Plany | o Mohude | | Planule |
| 14 | ARTI MUCHILOT | (Stati | Caraty | Prati | Stratz- | bay | wholly | - wrate | Wall | Abrati | Drati |
| 15 | NUTAN NIKODE | whicher | Waihed | DECOR | Bkale | Decho | e DENOK | > Dokock | V V | Nexacto | |
| 16 | PRANALI POTDUKE | gradi | Pradi | Bierali | Peramers. | Puaria | Proma | Pradi | prenat | Dumal | Duana |
| 17 | MONIKA ROY | Montke | - Monko | Monik | a monika | Monik | & WONK | P-Moniks | SMonibe | Montk | pronike |
| 18 | JASVEER KAUR SANDHU | Jastell | Tasvell | Josyan | Talvel | - Jasves | Jasven | TOSVEE | Jasvee | Touvel | |
| 19 | AMOL SONWANE | Que | Anno | Dine. | Anne | Anne | Ane | Ame | Ding | Dane | Ame |
| 20 | KANCHAN YADAV | harcton | nanchas | | | 1 | | 11/1/ | Kanekeus | | Korkhun |
| 21 | SHIVANI ZADE | Tarle. | SZOOL | Duck | Beicle | | Sads | Szado | (-) | Cod | (2a1 |
| 22 | GAYATRI RAGIT | 0.1 | Kat | De Luga. | Pl-faget | Carruge | 1 | Rogist | Rag'- | CH lags | GH eight |



SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Previous Knowledge Based Test (Quantum Mechanics- 11)
SESSION: 2022-2023

| | | | | | | N: 2022-2 | 2023 | | | | | |
|----------|--------------------|-----|-----|-------------|------------|-----------|------------|-----|-------|------|--------|-------------|
| Sr.No. | Name of Student | 0.1 | 0.2 | MONOR TOURS | Sc. II (Se | em-III) | 1440 | | | | Date:1 | 2/10/2022 |
| | | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q.7 | Q.8 | Q.9 | | Signature |
| | RINA BANGADE | + | | | - | | | | 2.0 | Q.9 | Q.10 | |
| 2 | ABHISHEK | - | | | | | | | | | | |
| | BHANDAKKAR | No | WO | NO | NO | NO | NO | Yes | No | No | 1.2 | Abhishele |
| | ASMITA BORKAR | No | No | Non | | <u> </u> | Secretary. | 10/ | 1 4 0 | 1110 | 40 | Horas |
| | CHAITALEE DANGE | 140 | 140 | Yes | No | No | No | No | yes | No | NO | ABest Col |
| | KOMAL DEOTALE | No | yes | | | | | | | | 140 | |
| | KOMAL DHANDRE | NIO | Yes | No | No | No | No | No | No | No | No | Colube |
| | KHEMLATA DHARNE | No | No | USO | No | | vio | No | No | No | NO | Homes |
| | POOJA DURGE | No | No | No | yes | No | NO | NO | No | NO | No | Boharn |
| | KUSHAL INGALE | No | No | No | Mo | No | No | No | Yes | No | No | Phune |
| | SANDHYA KATLA | NO | 170 | 425 | NO | 40 | No | NO | No | NO | NO | Unstract |
| | PRATIMA MANDAL | No | No | | | NO | NO | NO | NO | NO | NO | THOOLC |
| | PRADNYA MESHRAM | No | No | No | Yes | No | No | NO | YOU | NO | No | to softway. |
| | PRATIK MOHURLE | No | No | NO | No | NO | NO | yes | WO | NO | NO | Radery |
| | ARTI MUCHILOT | No | No | | No | No | | No | Yes | No | No | 10ho |
|]. | NI TAN NIKODE | No | NO | 465 | No | No | No | No | Yes | | No | - dest |
| | PRANALI POTDUKE | No | No | NO | 762 | NO | NO | NO | NO | No | NO | Stratz |
| | MONIKA ROY | No | No | No | No | No | No | No | MO | NO | NO | Propalin |
| <u> </u> | ASVEER KAUR SANDHU | NO | NO | 118 | | No | No | No | Yes | No | No | Months |
| | MOL SONWANE | NO | NO | - | NO | NO | NO | NO | NO | No | NO | Jasvey |
| . k | CANCHAN YADAV | No | NO | NO | NO | yes | No | No | No | NO | NO | Stino |
| | HIVANI ZADE | Mo | No | yo | NO | IND | No | No | No | NO | Yes | Randow |
| | AYATRI RAGIT | No | No | | NO | No | No | yo | No | yes | No | Shivai. |
| | | 170 | 140 | No | Jes | MO | No | No | NO | NO | NO | Cheagh |

(s.K.Bachche)

Head. D. Handent of Physics. Sardar thent of Physics. Sardar and Chandrad Valaya, Chandrapur.

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Previous Knowledge Based Test (Solid State Physics and Specins wpt)
SESSION: 2022-2023

| Sr.No. | | | | M. Sc | . II (Sem | -111) | | | | T | Date: 12/ | /10/2022 |
|--------|------------------------|-----|-----|-----------|---|-------|-------|-----|-----|-------------|---------------------|--|
| SI.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 | | - | | | | i | | | | | |
| 2 | ABHISHEK BHANDAKKAR | NO | No | No | NO | 400 | No | No | 40 | No | NO | Abhishers. |
| 3 | ASMITA BORKAR | No | NO | No | Yes | No | 170 | No | No | No | AL - | A Zukoz |
| 4 | CHAITALEE DANGE | | | 140 | | 140 | 130 | 110 | 140 | 140 | NO | Bankes |
| 5 | KOMAL DEOTALE | No | No | No | No | No | No | Yes | 110 | 11- | | Blutas |
| 6 | KOMAL DHANDRE | NO | No | Yes | No | 40 | 140 | No | No | No | No | Komat. |
| 7 | KHEMLATA DHARNE | NO | No | NO | No | Yes | No | NO | NO | | | Blohorone |
| 8 | POOJA DURGE | No | No | No | No | J | 7 | No | 100 | No | 1 | Perry |
| 9 | KI SHAL INGALE | NO | No | NO | yes | Yes | NO | No | NO | No | No | Mushof. |
| 10 | SANDHYA KATLA | NO | NO | 120 | NO | Yes | NO | NO | No | NO | NO | Xoaks- |
| 11 | PRATIMA MANDAL | No | Yes | No | No | No | Yes | No | No | No | No | the broking. |
| 12 | PRADNYA MESHRAM | Yes | NO | No | NO | No | No | No | NO | No | - | Rocket |
| 1.3 | PRATIK MOHURLE | No | NO | | 1 | - | - | | | No | | 00 4 4 |
| 14 | ARTI MUCHILOT | No | No | 1 4 | Yes | | No | | Yes | | | |
| 15 | NU LAN NIKODE | NO | NO | NIN | NIN | No | NO | NV | | ** ** ** ** | | XY1 X |
| 16 | PRANALI POTDUKE | No | No | Ne | No | No | | No | NO | No | 14 (10 to 10 counts | Branche |
| 17 | MONIKA ROY | No | No | No | No | No | | Yes | No | No | | The state of the s |
| 18 | JASVILER KAUR SANDHU | | NO | 118 | NO | | | | | | - | Tagvell |
| 19 | AMOL SONWANE | NO | No | NIC | ONO | | | | | | | The state of the s |
| 20 | K VYCHAN YADAV | No | No | No | 1 | | | | | | | |
| 21 | SHIVANIZADE | No | No | 10, 100 % | 1 . | | ST-UT | 31 | | | | - Monthan |
| רר | GANATRI RAGII | No | | | 10 C | | | | N | | | |

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(Dr. Urvashi PM Anil)
Head Department of Physics.

Sardar Parer Mah Rhysias a. College, Chandrapur.

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

BRIDGE COURSE Previous Knowledge Based Test (Atomic and Molecular physic -1)
SESSION: 2022-2023

| - | | | | M. Sc | . II (Sem | -111) | | | | I | Date: 12 | 2/10/2022 |
|--------|------------------------|-----|-----|-------|-----------|-------|-----|-----|-----|-----|----------|--|
| 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 | Apprisher. |
| 3 | ASMITA BORKAR | No | No | NO | No | res | No | No | No | No | No | Abukoz |
| 4 | CHAITALEE DANGE | i | | | | - | | - | | | .,,,, | |
| 5 | KOMAL DEOTALE | No | No | No | yes | No | No | No | No | No | No | Blutel |
| 6 | KOMAL DHANDRE | NO | No | NO | NO | No | No | No | NO | NO | NO | Umaj |
| 7 | KHEMLATA DHARNE | No | NO | NO | No | Yes | NO | NO | NO | NO | NO | Bohanne |
| 8 | POOJA DURGE | No | No | Yes | No | No | No | NO | No | No | No | Philad |
| 9 | KU SHAL INGALE | NO | NO | No | Vie | No | NO | yes | No | No | NO | hushad. |
| . 10 | SANDHYA KATLA | 10 | 100 | 10 | NO | 00 | NO | 170 | NO | 170 | 485 | Rociel C |
| 11 | PRATIMA MANDAL | NO | No | Yes | NO | No | 400 | No | No | No | No | Detrofferd |
| 12 | PRADNYA MESHRAM | No | NO | No | No | yes | NO | WO | NO | No | GN | Quarte |
| 13 | PRATIK MOHURLE | No | No | No | No | No | No | No | No | Yes | No | 775 |
| 1.4 | ARTI MUCHILOT | No | No | No | No | 445 | No | No | Yes | NO | No | Grati |
| 15 | NET AZ ZIKODE | 40 | NO | NO | NO | 705 | No | No | NO | MO | NO | 18 solo |
| 16 | PR ANALI POTDUKE | No | No | WO | No | NO | No | Yes | | No | | Pradi |
| 17 | MONIKA ROY | No | 465 | No | No | No | No | No | No | No | | Troning |
| 18 | JASVLER KAUR SANDHU | NO | NO | 20 | 20 | NO | NU | NO | NO | NO | Yes | Jasvel |
| 19 | MOL SONWAVE | No | NO | yes | VIO | NO | NO | NO | No | NO | | 1 1 2 2 |
| 20 | KANCHAN YADAV | No | No | No | No | No | No | | Yes | w | No | Kurder |
| 21 | SEVANI ZADI. | NO | No | 400 | No | No | No | 80 | 80 | | | The state of the s |
| 22 | CONTRIBAGII | NO | No | NO | No | NO | NO | | | | NE | |

Principal

Principal

Principal

Chandrapur

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Head Depter Administration of Physics. Spream of Physics. Spream of Physics. Spream of Physics. Chandrapur.

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Previous Knowledge Based Test (Fundamental of Hamsiana & Hamotahnology)
SESSION: 2022-2023

| | | | | | . II (Sem | 111) | | | | 1 | Data 1 | 2/10/2022 |
|--------|------------------------|--------------|-----|-------|-----------|-------------|--|--------|-------|-------|--|---|
| Sr.No. | Name of Student | Q.1 | Q.2 | Q.3 | Q.4 | Q.5 | Q.6 | Q | Q.8 | Q.9 | Q.10 | Signature |
| ng me | DIN'A DANCADE | | | | | | | | | | | |
| 7 | ABHISHEK | , | | .). | | 1 | | NO | NO | No | al o | Albhishek. |
| - | BHANDAKKAR | No | 40 | NO | Mo | NO | Mo | NCO | | | 7 • | |
| 3 | ASMITA BORKAR | No | No | 140 | 703 | 110 | 100 | No | No | No | No | Ageko's |
| \$ | CHATTALEE DANGE | | | | | | | | | | | 10.61 |
| 5 | KOMAL DEOTALE | No | No | No | No | Yes | No_ | _ ND _ | No | No | Nc_ | Komal |
| 6 | KUMAL DHANDRE | No | No | 400 | -V/D | No | UND | VIO | No | - | NE | 50rome. |
| 7 | KHEMLATA DHARNE | U10 | No. | No_ | No | yes | - NO | No. | _U,O_ | NO | NO_ | |
| 8 | POOLA DURGE | No. | 10 | YES | No | No | NO | WO- | 170 | NO | _V2_ | Personal. |
| 9 | KUSHAL INGALE | 070 | Wo | No- | No | No | 40 | NO | 400 | NO | - | Transition of the same of the |
| 10 | SANDHYA KATLA | -45 | 1.0 | - 0-0 | 150 | - <u>NO</u> | <u>~~</u> 0.√ | | | | -N10 | sinoHma. |
| 11 | PRATIMA MANDAL | AOD | 150 | No | No | No | 4eb | No | No | No | -NO | 8,00 |
| 12 | PRADSYA MESHRAM | No | No | No | yes | No | No | No. | No | 1 | No | 600 100 |
| 13 | BESTIK MOHURIE | NO | No | No | No | No | No | | .// | No | No | Dague 80 |
| 1.4 | PINTERIOUS STATE | No | No | No | 110 | NO | - 140 | No | . 485 | No | | T. T. |
| 15 | ALLAS MKODE | NO | MO | UD. | 100 | NO | STATE OF THE PARTY | - NO | NO | NO | NO | Private |
| 36 | PRASALI POTDUKE | NO | 100 | No | V)O | Wo | | T | VIO. | No | NO | Maniero. |
| 17 | MONIKA ROY | No | No | No | No | 140 | tes | No | 100 | - 100 | 110 | TasyW |
| 18 | TASSILLE KACE SANDIII. | 20 | 100 | NO | NO | 463 | NO | NO | NO | NO | | |
| 10 | SSTOL SOSWASE | NO | NO | yes | No | | NO | NO | | | NO | |
| 36) | KACIAN YADAV | 11/13 | 110 | 110 | 110 | 110 | No | | No | No | NO | Shivari |
| 31 | SELS ASEZADE. | yes | | No | NO | No | No | No | Mo | No | MO | th |
| 33 | CONTRIBACII | NO | NO | NO | NO | 40 | NO | NO | Yes | No | No | (roach |
| 2000 | | | | | | | | | | 28 | | |

(or. P.L. Misma)

Principal Pardar Patel Mahavidyalaya Chandrapur

Chandrapur.

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Bridge Course Completion Test (Quantum Michanico - 11)
SESSION: 2022-2023

| | 1 | | | M. Sc | . II (Sen | ı-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 |
| | RINA BANGADE | † | | | | | | | | | | |
| | ABHISHEK BHANDAKKAR | Yes | 74 | Yu | Yes | Yes | 46 | Yes | 76 | Yes | 76 | Abhishek. |
| | ASMITA BORKAR | Yes | Yes | Tes | Yes | Yes | Yes | Yes | yes | Yes | 403 | Bukes |
| | CHAITALEE DANGE | | | · · · · · · · | | | | | | | 19 | |
| | KOMAL DEGTALE | yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Clutch |
| | KOMAL DHANDRE | 74 | 74 | Yes | 700 | 70 | Yes | Yes | 74 | 70 | 40 | Komal |
| | KHEMLATA DHARNE | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | and the second second | BiDharne |
| Š | POOJA DURGI | Yes | Yes | res | No | Yes | Yes | Yes | Yes | Yes | Yes | Pourse |
| | KUSHAL ING ALL | YLS | YL | Yes | Yes | Yes | Yes | Yes | Yes | Tes | Yes | Kushal. |
| () | SANDHYA KATLA | 405 | 445 | No | 445 | YPS | yes | 4.45 | 4.05 | NA | S Yes | Modera |
| i | PRATIMA MANDAL | Yes | Yes | 405 | YOS | No | Yes | YOS | Yes | Yes | Yes | Africa . |
| 2 | PRADNYA MISHRAM | yes | yes | yes | pes | yes | yes | yes | Yes | Ye | NO | Rudy |
| 3 | PRATIK MOHURLE | Yes | . Yes | Yes | s Yes | Yes | No | Yes | Yes | Yes | yes. | Pachu |
| 4 | ARTI MUCHILOT | Yes | . Yes | | s yes | 405 | yes | YES | yes | yes | YPS | drats |
| 5 | NUTAN NIKODI | Yes | 705 | 705 | 1705 | 765 | 786 | J 485 | 785 | 70 | STEC | Dr vcl |
| 6 | PRANALI POTDUKI. | Mes | Yes | Yu | 40 | Yes | Yes | Yu | Yes | Yes | Nu | Pradi |
| 7 | MONIKA ROY | yes | Tes | Yes | Yes | yes | Yes | Yes | Yes | ye. | al. c | Months |
| × | TASVELR KALP SANDHU | 1105 | NO | 118 | Yes | 112 | 1es | 100 | 1/09 | 100 | 1/29 | Jasvill |
| 9 | AMOLSONWAY | yes | ye | ye |) ye | s xe | 3 70 | 8 NO | ye! | 3 / | es yes | and |
| j | KANCHANYAHAV | Ves | Yes | Yes | Yes | Yes | Ne | . A | | 1. | | Kodris |
| 1 | SHIVANIZADI | Yes | 10. | Yu | Yes | Va | Ye | | | Ye | 1.1 | Shivari |
| 5 | CAYATRIRAGE | 408 | Ye | yes | yes | 40 | 1 4e | s ye | | - 1 | es N | Decorto C |

(s.K. Bachohe)

Chandrapur

Head. Department of In.

S. College, Chandrapur

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Bridge Course Completion Test (solid State Physics and spectasupy)
SESSION: 2022-2023

| | | | | | . II (Sem | 2022-20. 1-111) | 23 | | | 1 | Data 10 | /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 |
| ï | RINA BANGADE | | | | 10 | | | | | | | |
| 2 | ABHISHEK BHANDAKKAR | 74 | 44 | 40 | 700 | Mes | Yu | 40 | Yes | Yes | 40 | Abhishels. |
| 3 | ASMITA BORKAR | Yes | Yes | Yes | 703 | Nes | Yes | Yes | Yes | Yes | Yes | Buker |
| 4 | CHAITALEE DANGE | | | | | | 1 | | | 1 | | |
| 5 | KOMAL DEOTALE | Yes | Nes | Yes | Yes | Yes | Yes | Yes | NO | Yes | Yes | Stute |
| 6 | KOMAL DHANDRE | 74 | 74 | Yes | Yes | 75 | Yes | | No | NO | The state of the s | Komed. |
| 7 | KHEMLATA DHARNE | 408 | yes | The second secon | Yes | No | yes | | yes. | Yes | yes. | Boharne |
| 8 | POOJA DURGE | Yes | res | Yes | res | Yes | Yes | Yes | Yes | No | | (pourly) |
| 9 | KUSHAL INGALL | Yes | NO | Yes | Yes | Yes | Yes | Yes | Yes | YU | , Mu | Justal. |
| 10 | SANDHYA KATLA | Yes | YP_ | 5 425 | Yes | Yes | Yes | 2 100 | 405 | ATT | | Looping. |
| 11 | PRATIMA MANDAL | YOS | Yes | Yes | Yes | No | Yes | Yes | No | 400 | 400 | # pruday |
| 12 | PRADNYA MESHRAM | yes | your | 70 | nes | yes | N | o ye | 8 yes | yes | yes | - ~ ^ |
| 13 | PRATIK MOHURLE | Yes | Yes | Yes | . Yes | | 5 7e | s No | ye! Ye! | s Ye | 5 Yes | s Ryghu |
| 14 | ARTI MUCHILO1 | YPS | ye. | 5 48 | | | 5 46 | 5 48 | 5 49 | S . Ye. | S Yes | 5 Dex oc |
| 15 | NUTAN NIKODI | Yes | 700 | 3/70 | 5/10 | 5 700 | 5 7° | 5 70 | 5 76 | 5 70 | 5 7e | |
| 16 | PRANALI POTDUKE | Yes | Yes | 140 | . Ye | 3 Ye | a M | es y | a Y | es Ye | 20 Me | Pradi |
| 17 | MONIKA ROY | Tes | Yes | , te | 1 yes | , te |) ye | s te | 7 44 | y ye | 3 Je | 2 Many KG |
| 18 | JASVEER KAUR SANDHU | THE RESERVE TO SERVE THE PARTY OF THE PARTY | NO | | and the second second second | Ye | 3 40 | 3 40 | 3 11 | 7 /x | 3 10 | 3 Jasywe |
| 19 | AMOL SONWANI | ye | | The second of | es 41 | es N | 0 20 | ١ ا | 10 1/1 | es y | cs ye | s Ans |
| | KANCHAN YADAV | ye | - / | The second secon | 3/40 | D NE | | | es Y | es r | VO V | es Kovelin |
| 20 21 | SHIVANIZADI | Le | 21. | | Ye | s 40 | u Y | e 4 | es Y | | 14 11 11 11 11 11 11 11 11 11 11 11 11 1 | 10 Ship |
| | CAYATRIRAGE | ye | | | D N | 10 41 | | 0) 4 | es 4 | es 4 | 0 4 | o alfago |
| 22 | CIVINITION | 10 |) 19 |) 5 | | · 1 | , | - 1 | - | - 1 | 0 | |

Payal Ghubde)

Frincipal
Saruar Patel Mahavidyalaya
Chandrapur

Head. De paesion of Phis.

Sardan Patentail Physics.

College Chandrapur.

SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR DEPARTMENT OF PHYSICS

Bridge Course Completion Test (Atomic and Mileula) Profes - 1)
SESSION: 2022-2023

| | | | | M. Sc | . II (Sen | i-111) | | | | | Date-19 | /10/2022 Signature |
|--------|---------------------|------|------|---------------|--|--------|------|--|------|--|---------|--|
| 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 |
| | RINA BANGADE | | | | | | | | | | | |
| 2 | ARHISHEK | 700 | 70 | 76 | 70 | 70 | 74 | 40 | Yus | 76 | 76 | aphoheles. |
| 3 | ASMITA BORKAR | Yes | Yes | res | Yes | 408 | Yes | 408 | Yes | | 1 1 | Porce |
| 4 | CHAITALEE DANGE | | 19 | 100 | 100 | 1 | 100 | 103 | 19 | Yes | Yes | 47 |
| 5 | KOMAL DEOTALE | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | 1100 | 137.50 | Wester |
| 5 | KOMAL DHANDRE | | Tes | Yes | 400 | NO | Yes | Yes | 400 | Yes | | Tell las |
| 7 | KHEMLATA DHARNE | 708 | Yes | | 1 1 | | No | Yes | Yes | yes yes | 1 4 ED | Rohanne |
| 8 | POOJA DURGE | res | | Yes | The same of the sa | Yes | Yes | tes | Yes | 70 | 1 | Course |
|) | KUSHAL INGALE | Yes | 40 | Yes | 400 | 789 | | 700 | - | 162 | Yes | Koushad |
| 10 | SANDHYA KATLA | 403 | MES | NO | Yes | TYPS | Yes | | YES | Ves | | Thousand a |
| 1 1 | PRATIMA MANDAL | Yes | No | 405 | 405 | Yes | Yes | No | 400 | 405 | | Det Lating. |
| 12 | PRADNYA MESHRAM | yes | yes | No | Yes | yes | Yes | YES | yes | Yes | | Budg |
| 13 | PRATIK MOHURLE | Yes | Yes | Yes | Tes | yes | Tes | No | Yes | | 1 | |
| 14 | ARTI MUCHILOT | 405 | yes | 495 | 1485 | 400 | ypo | YPO | 985 | yes | | Ch. |
| 15 | NUTAN NIKODI. | 405 | 405 | 7 00 | | | 100 | 704 | 1 | 1/1 | | - I Will In why |
| 16 | PRANALI POTDUKE | Yes | Yes | Yes | 1. | 140 |) Ye | 1.00 III III II | 1 1 | 1 1 1 | | Roman |
| 17 | MONIKA ROY | Yes | Jes | Yes | 40 | Yes | Yes | Yes | 40) | 40 | | monite |
| 8 | JASVEER KAUR SANDHU | 409 | 1193 | 198 | NO | NO | Yes | The state of the s | 148 | -105 | | |
| 9 | AMOL SONWANE | yes | yes | ye | | yes | | | s be | | | . 0 |
| 20 | KANCHAN YADAV | Tyes | Tes | Tes | Ves | Ves | Vies | | 1 | Ve | 1 493 | Cooper |
| 21 | SHIVANI ZADI. | 400 | No | - 5 1 U min 1 | | 1 | | 4 | Yes | 1 / | 0 400 | |
| | GAYATRIRAGII | 405 | Yes | | TYN | -1-1- | | | 11 | | 0 40 | 6 · M |
| 22 | | | | | | -1-1- | | | (D) | The state of the s | y Ye | TO SECURE OF THE PARTY OF THE P |

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Principal

Principal

Chandrapur

Scanned by TapScanner

Sandmaitmein Mahabyaya, S.F. College Chandrapur. SARDAR PATEL MAHAVIDYALAYA, CHANDRAPUR

Bridge Course Completion Test (Fundamental of Hampsumu & Hamptohnology)
SESSION: 2022-2023

| | | | | | 11 (Sem | 2022-202 -111) | -5 | | | I | Date:19 | 0/10/2022 |
|---------|------------------------|------|------------|---------|---------|-------------------|-------|---|-------|-------|---------|----------------|
| 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 |
| | RINA BANGADE | | | | | | | | | | | |
| | ABHISHEK BHANDAKKAR | Yes | yes | 400 | Yes | 400 | yes | Yes | 700 | NO | 400 | Hohistell. |
| | ASMITA BORKAR | 400 | 408 | Yes | 108 | 708 | tes | bes | 100 | 708 | Tes | Bakes |
| 1 | CHAITALET DANGE | | 1 | | | | | 1 | | | | An - |
| 5 | KOMAL DIOTALE | Yes | yes yes | Yes | Yes | Yes | Ye | 3 No | Yes | Yes | 3 709 | 3 Clubs |
| 3 | KOMAL DHANDRE | yes | 40 |) Les | Yer |) Yes | yer (| 140 | | ye | 1 | |
| 7 | KHEMLATA DHARNE | Ye | 3 yes | yes yes | y'es | No | ye | s Je | s ye | 5 96 | s ye | & Bohar Me |
| 8 | POOJA DURGI | Yes | 16 | 9- | Yes | Ye | 5 TY | o re | 1 re | o Ko | 3 Ye | s Druge |
| () | KUSHAL INGALI | ye | s yes | Yes | yes | yer |) Y. | 2) He | | | D HE | D Whishes |
| 10 | SANDHYA KATLA | yes | 5 ye | 5 40 | 5 405 | 100 |) T | 9 16 | 31 | | 100 | (B) Wester |
| 1.1 | PRATIMA MANDAL | 110 | , ye | 1 Yes | N | 0 40 | P 16 | 1 | | N Y | 6P 16 | of the rating. |
| 12 | PRADNYA MI SHRAM | YX | and I have | yes | ye | s ye | S Y | es y | es y | es > | res ye | |
| 1.3 | PRATIK MOHURITE | Ye | () | 5 7e | SIN | 10 "Ye | 25 74 | 25 - 4 | es : | 7e5.7 | es y | es Prahy? |
| 1.4 | ARTI MUCHILO1 | 41 | 5 46 | 5 48 | 5 48 | s y | es y | 165 0 | 185 (| 185. | yes L | jes broug |
| 15 | NUTAN NIKODI | 70 | A 11 | 5 76 | 5 140 | 25 71 | es 1 | es 7 | 95.7 | 105 | 165 15 | Yes - Dax or |
| 16 | PRANALI POTDUKI | 4 | es de | 2 4 | es y | es y | es . | yes ! | ten ' | yes ' | yes ! | 100 Trouble |
| 17 | MONIKA ROY | Ye | | | es 4 | es | (e) | yes - | les > | yes! | NO 1 | do) though |
| 1.0 | JASVEER KAUR SANDU | 7 | | | es 1 | les V | 105 | 168. | 103 | 403 | 105 | 168 Iasim |
| . 18 | AMOL SONW IN | · J. | 08 1 | es | IPI X | ie 1 | 10 | res | yes | رجانز | yes | yespene |
| 10 | | 1 | es x | es Va | ONTH | Hed " | fe) | Vel | Yes " | Nes | Yes | Nes Kanata |
| 20 | K VNCHAN Y VDVV | | | | - 10 | ^ | yes. | Yes | Yes | Yes | 400 | yes shive |
| 21 | SHIVANIZADI | | | en l | es ! | 170 | Jes . | 40 | Jin | TEN | 41 | 1 41 Distuo |
| 22 | CEXYATRI RACI | | tes 4 | 0) 1 | 10) | 1.05 | 1.9 | 19 | ردرا | 10 | 19 | |

Principal
Pardar Patel Mahavidyalaya

Chandrapur

S.P. College Chandrapur.

Sardar Patel Mahavidyalaya, Chandrapur

Department of Physics

Internal Assignment for Examination Winter 2022

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

Session 2022-2023 Winter 2022

| Sr. No. | Name of Student | Topic of Assignment | Signature |
|---------|-------------------------------|-------------------------|-----------------------------|
| 1. | KHUSHI RAJU THULKAR | W-17 Pdf @ no. 1 AU | chitch. |
| 2. | PRERNA PRAVIN DOMKUNDWAR | W-17 Pdf Qno. 2 All | P. P. Domkunda |
| 3. | PRAFUL MANGESH SHERKI | 14-17 Pdg Q. no. 3 All | Omsheeki |
| 4. | VRUSHALI DINKAR KATOLE | W-17 pdf Q.no. 4 All | Stutole. |
| 5. | ZOYA TARUNKUMAR VERMA | W-17 par gine, 5 ALL | may . |
| 6. | YASH AVINASH KINNAKE | < Not-submitte | $d \longrightarrow (\Gamma$ |
| 7. | NIKHIL TULSIRAM KUMRE | ~ NS - | - |
| 8. | MANEESHA VINOD GAMPALA | 2-18 bgt g. 9 411 | Conrecepted |
| 9. | RIFATNAZ SABIR KHAN | 5-18 polf O. 4 AU | Martehor |
| 10. | TANVI GANPAT NEWARE | - N.S - | |
| 11. | DIPSHIKA PRONAB PARMANIK | W-18 Q1 AU | Poo 1 |
| 12. | USHA PHULCHAND PRAJAPATI | W-18 92 All | rusha |
| 13. | VIJETA VIKASRAO WANI | W-18 POF Q3 All | Quan! |
| 14. | DIPAWALI RAJESH WAGH | W-18 Paf Q. 4. All | Dhwagh |
| 15. | GAURI ASHOK SONKAR | W-18 pdf Q.5. AU | Donkal |
| 16. | BABLI ZANTU BANIK | 5-19 PdF Q.1 All | Babli |
| 17. | PALAK JAIPRAKASH SHARMA | S-19 PdF 6.2 All | - Rue |
| 18. | LEENA RAMESH MAHADOLE | 5-19 Pap Q.3 All | Qise_ |
| 19. | SHRIDDHIKA SUNIL DHARMELWAR | 54:3 Pdr g AlAIS - | Sanna) |
| 20. | SAKSHI RAVINDRA MANDADE, | 5-19 Pds y 5 All | Sopue |
| 21. | SADHANA RAMBRISH RAVIDAS | W-12 Pdf Q L All | |
| 22. | AJAY DWARKALAL DEWANGAN | N-S - | |
| 23. | ACHAL SHALIK GAJABHE | 1 - " - | |
| 24. | YUGAL RAJENDRA KHANKE | ~ <i>11</i> - | |
| 25. | ISHA GOPICHAND TAWADE | W-19 Pdf Q. €. | |
| 26. | GULSHANKUMAR BRIJESHKUMAR RAM | < _ Ns _ | |
| 27. | SHARVARI SURESH KHANKE | 10-17 Par Que. no 2 all | Вашон |
| 28. | ANUSHRI VINOD HEPAT | W-17 Pdf Que. no 3 all | assepat |
| 29. | ANJALI VILAS KOSARE | < Ns - | |

| 30. | SOHEL AJAZ KHAN | + NS - | \ |
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| 31. | MEGHNA RAVINDRA PADOLE | 5-18 Pat aue-1 all | M.R.Padole |
| 32. | JANHVI RAJU HANUMANTE | S-18 QW-2 | Hamuman K |
| 33. | HERAMB SUDHAKAR LATARE | 5-18 Q WE 3 | mary S |
| 34. | SOHELKHAN ISMAILKHAN PATHAN | S-18 Que 4 | BOROTER |
| 35. | MOHINI SHASHIKAR NIMGADE | < N3 - | - |
| 36. | VAISHNAVI VIJAY CHANDANKHEDE | W18 am 1. | - Sel |
| 37. | NIHIRA RAJESH KHOBRAGADE | W-18 quez. | @pira |
| 38. | VISHRANTI VINOD MOTGHARE | ~ NS - | |
| 39. | SUNIL MADHAV WAGHAMARE | | |
| 40. | ADITYA ASHOK MESHRAM | ~ y - | |
| 41. | SARANG GAJANAN CHAUDHARI | S-12, Q-1 | D. Com |
| 42. | GAURAV PATRU ZADE | 5-19, Q-2 | hade |
| 43. | VAISHNAVI MAHESH MESHRAM | - N3 - | |
| 44. | ATHRV BAPUJI MEDPALLIWAR | - N3 - | |
| 45. | KAUMUDINI MANOHAR MALODE | S-19 POIR Q no. SALL | Kmatedo |
| 46. | SHREYA RAMESH JULME | W12 8.1 dof | S. R. Juhr |
| 47. | VAIBHAO VASANTA KALE | - NJ - | |
| 48. | ROSHANI SUSHIL BHARADKAR | W-19 cus. 3 | Rashani |
| 49. | SHRUTI SUNIL TEKAM | - LN - | 3 |
| 50. | SAHIL GAJANAN JENEKAR | W-19 Q. NO. 5 AIII | Deail. |
| 51. | NIDHI SANTOSH GATLEWAR | 5-18 Q-NO1 A11 | Patterioris |
| 52. | ACHAL RUKIRAM MANDALE | ~ NJ - | المستنفرة ود |
| 53. | TANISH SUNIL CHAHARE | < NJ | |
| 54. | ISHIKA RAJU BARSAGADE | 9-18 9=140 4 ALL | Bhire |
| 55, | SHREYA LAHANU WADHAI | + Ns - | · voni |
| 56. | SHRADDHA RAJU RAURKAR | - 11 - | - |
| 57. | ABRAR SIRAJ KHAN | 4 " - | |
| 58. | BHARAT SHANKAR BADWAL | - 11 - | |
| 59. | SNEHA KHEMRAJ THAKRE | 4 4 - | |
| 60. | ISHITA VINOD ZADE | 4 - | |
| 61. | SHIVALI KISHOR JATHADE | 3-19 9. NO & All | 2 |
| 62. | MAHESHWARI MOHAN YEROKAR | 10-13 9-140 £ BII | 700 |
| 63. | DIVYA VILAS ATKAPURWAR | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| 64. | CHAHAT SANJAY NARANG | < 1 ₁ | |
| 65. | PARITA GAJANAN PAWAR | 4 - | |

| 66. | SRUSHTI ASHVIN BHOYAR | W.19 Pdf Q. y all | aproyou |
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| 67. | BHUMIKA VILAS THAMKE | w.19 pdl a-2 all | (Bring |
| 68. | VEDANTI SUBHASH LOHKARE | w.19 Pdf Q3. all | Glows. |
| 69. | KIRAN AJAY NIMBALKAR | W19 Paf Q.4 all | HAM! |
| 70. | SAKSHI RAVINDRA SELOKAR | WIG Polf Q5 all. | Cakshi- |
| 71. | OM JITENDRA KESHWANI | ~ NJ - | |
| 72. | TANVI RAVINDRA GAWANDE | 518 Pdf 0, 2 all | Bawande |
| 73. | ISHA BHARAT ZADE | 8-18 byt 8-3 apt | 8847 |
| 74. | ADITYA SANTOSH KOLHE | 5-18. POF Q.4. All | - he |
| 75. | DISHANI VINOD LABHANE | E NS - | - |
| 76. | KHUSHALI SHESHARAO DEOTALE | 1 - | |
| 77. | PRACHI YOGESHWAR GHATE | W18 Pdf a. 2 all | Etuchi |
| 78. | SUPRIYA CHANDRASHEKHAR THAWASE | wi8pafæi3au | Stwe_ |
| 79. | SAKSHI RAVIKUMAR HULKE | WERPOF & A | Drula |
| 80. | ACHAL MANOJ PAKMODE | 12-18 pdf 0.5 All | Low |
| 81. | MITALI RAVINDRA BUTLE | - Ns - | |
| 82. | YASH VIJAY CHOUDHARI | 4 11 - | |
| 83. | NAKSHATRA SHYAM KAYARKAR | 3-1984 Q.3 All | Mkatadar |
| 84. | ATHARVA AJAY RAJURKAR | - NI - | 47 marshara |
| 85. | SHRUTI RAJESH KHIRATKAR | S-19 a No. 5 All | Strekor |
| 86. | RUSHABH SHRAWAN ISHWARKAR | < NS - | ZDALT |
| 87. | SALONI ARUN GADEKAR | W-19 Q:3 ALA | 1 |
| 88. | KRISHNA GURUDAS SARKAR | W-190:3ALL | Krishne |
| 89. | TOSHNA PARMANAND PIMPALE | W-19 Pat Q.No. 4 All | Dr |
| 90. | SRUSHTI LOMESHWAR LONDHE | M-19 pdf & No. 5 All | Londhe |
| 91. | APURVA SAGAR YELETTIWAR | ~ NS _ | 75191 |
| 92. | FIZA AYYUBKHAN RIZAVI | 121-17 Q 2 AII | Akhan |
| 93. | JANVI CHANDRASHEKHAR SHIMGEKAR | 1 1 5 (1) | 10. |
| 94. | PRATHMESH PARAG TAMBEKAR | W-17 (P.3 AI) | -fluigko |
| 95. | KHUSHI SANJAY GUDE | W-17 Perc. 5 hall | freude |
| 96. | BHARATI TUKARAM BHOYAR | 5-18Pdf @ no 1 A11 | |
| 97. | NIRAJ NAROTTAM KEWAT | | Bhayas |
| 98. | SIDDHANT PRASHANT WASEKAR | S-18df oue · 2 | Trevel |
| 99. | PRIO PRITISH BALA | 8-18 Pal 3 - 5 | Siddhan |
| | NIKITA DIWAKAR BAGADE | 8-18 Pal B. ND 9 81-8 S-18 Pue . 5 All | tougos |
| 100. | THE PROPERTY OF CALL | | Nikilo |

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| | SHACHI MOHAN PIHUL | W.18 Q.2 Pdf all am. | The state of the s |
| 103. | TANVI GOVIND PANNASE | W.18 Q.3 POF An am | Lann |
| 104. | PREM RAVI NAMPELLIWAR | < ─ Ns - | |
| 105. | PRACHI SANJAY NIMBALKAR | W.18 g.5 all | Prendig. |
| 106. | SNADESH DILIP CHOUDHARI | < N3 - | |
| 107. | SANSKRUTI SANJAY LIHITKAR | - NI - | |
| 108. | PIYUSH CHINANNA YELKUCHIWAR | ~ NS - | |
| 109. | MANISH PRAKASH MANUSMARE | 5.19 D.4 Pd8 ed12 | monish |
| 110. | CHITRA SHANKARRAO TAMBAKHE | 5-19 Q. 5 Pdf all Q. | chites |
| 111. | PIYUSH SAINATH NAGAPURE | W-19 Q.1 pdf all Q. | Dayopule |
| 112. | NISHANT SANJAY PETKAR | 11-13 Q2 PHF AllQ. | Mykor |
| 113. | UDAY RAVINDRA ROHANKAR | W-19 Q.3 Pdf AHQ. | Brongeau |
| 114. | PRASHIK SUDARSHAN MANKAR | E NS - | |
| 115. | SAMIR SURESH FULZELE | < N3 - | |
| 116. | BHARATI HARICHANDRA WATEKAR | W> 14 QUE. 2 Pdf | Bhatati |
| 117. | SACHIN DINESH BANSOD | W. F Q3. P4f | fuchit |
| 118. | RAKHI SANJAY CHALAKH | W-14 Que 4 Pdf | phalakh |
| 119. | SAKSHI SUNIL YERNE | W-17 Que spof | SSYERIC |
| 120. | DARSHAN GULABRAO PATIL | < ns - | |
| 121. | KHUSHI LALIT TARAFDAR | 5-18 Ou 2. All | Quaters |
| 122. | SIDDHESH UDAY KHOND | 5-18 aug 3 AU | Lut. |
| 123. | KARAN OMPRAKASH SINHA | ~ NU - | |
| 124. | VEDANT VINOD SATPUTE | 4 - 1 - | |
| 125. | PRACHI BHAURAO KAKDE | w.18 Q1. All Que | PBKakd |
| 126. | PRAJWAL GAJANAN LANDGE | W-18 Q2 A11 | Ref handge |
| 127. | GAYATRI SUDHIR BHANDAKKAR | 02 18 Q3 A11 | Corayathai |
| 128. | CHAITANYA YASHWANT SIDAM | NS - | - Carper |
| 129. | SUHANI VIPIN LOKHANDE | W.18 Q.4 AU | Suhanj |
| 130, | SHRADDHA DIKSHANT MALLRWAR | - N2 - | ٧ |
| 131. | . RUTUJA BABA ISANKAR | 5-19 Q 2 All | puty |
| 132. | . VRUNDA SANJAY DABHEKAR | - LING | |

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. | N70 10 10 10 10 10 10 10 10 10 10 10 10 10 | Şignature |
|---------|----------------------------------|---------------------|--|-----------------|
| 1. | KHUSHI RAJU THULKAR | 1234 | Newton's law of Grav. & Humeric | el Maka. |
| 2. | PRERNA PRAVIN DOMKUNDWAR | 1206 | kepleus law, Gps | P. P. Donikundu |
| 3. | PRAFUL MANGESH SHERKI | 1231 | simple haumonic motion frum | |
| 4. | VRUSHALI DINKAR KATOLE | 1212 | Grow. Lette , Potential Numerica | (1) Katok |
| 5. | ZOYA TARUNKUMAR VERMA | 1235 | Damped harmonic oscillator | house. |
| 6. | YASH AVINASH KINNAKE | 1217 | Hooksels law, Humenical | yashs. |
| 7. | NIKHIL TULSIRAM KUMRE | 1220 | poissons Ratio Docivation | |
| 8. | MANEESHA VINOD GAMPALA | 1208 | Torsional Pendulum | Cornersto |
| 9. | RIFATNAZ SABIR KHAN | 1213 | Coefficient of viscocity | CHE THE |
| • 10. | TANVI GANPAT NEWARE | 1223. | Reynolds numbers | Janvi. |
| 11. | DIPSHIKA PRONAB PARMANIK | 1225 | Equation of Continuity | 900. |
| 12. | USHA PHULCHAND PRAJAPATI | 1226 | Bernoullis theorem | risho |
| 13. | VIJETA VIKASRAO WANI | 1237 | Polsculle's equation | Outani |
| 14. | DIPÄWALI RAJESH WAGH | 12.36 | Surface tension | Dkwash |
| 15. | GAURI ASHOK SONKAR | 1232 | unit - I question banks | Conkar |
| √16. | BABLI ZANTU BANIK | 1202 | Unit - I que bonk | Babli |
| 17. | PALAK JAIPRAKASH SHARMA | 1229 | -11 | Due |
| 18. | LEENA RAMESH MAHADOLE | 1221 | ~! | Que |
| 19. < | SHRIDDHIKA SUNIL DHARMELWAR | | Absent | 5 |
| 20. | SAKSHI RAVINDRA MANDADE | 1222 | Unit - II quastion bank | Seeking |
| 21. | SADHANA RAMBRISH RAVIDAS | 1278 | 41 - | 8 adhay |
| 22. | AJAY DWARKALAL DEWANGAN | K | -Absent | Sacra |
| 823. | ACHAL SHALIK GAJABHE | ×- | - Absent | |
| 24. | YUGAL RAJENDRA KHANKE* | 1233 | Unit-II que banis | ante |
| 25. | ISHA GOPICHAND TAWADE | 1233 | Unit -I que bank | Ourles |
| 26. | GULSHANKUMAR BRIJESHKUMAR RAM | × | Absent - | Julian |
| 127. | SHARVARI SURESH KHANKE | 1215 | Unit-III que banks | Col |
| 28. | ANUSHRI VINOD HEPAT | 1211 | | Shewwen |
| 29. | ANJALI VILAS KOSARE X | X | A-bsont quation how | Seleport |
| 30. | SOHEL AJAZ KHAN | * | | |
| 31. | MEGHNA RAVINDRA PADOLE | 1224 | Absent |) |
| - | JANHVI RAJU HANUMANTE | | Unit - TI que bank | M.R. Padole |
| 33. | HERAMB SUDHAKAR LATARE | 1251 | Unit-III que banks | monumeur |
| - | | 1252 | Unit-IV question bank | So de la |
| | SOHELKHAN ISMAILKHAN PATHAN | | onit - the question bank | Redain |
| | MOHINI SHASHIKAR NIMGADE | 1253 | Unit - TU question bank | mangade |
| 200 | VAISHNAVI VIJAY CHANDANKHEDE | 1255 | Power dissipation, Pow absor | Dinne LI |
| | NIHIRA RAJESH KHOBRAGADE | 1254 1 | piff, Egmof a damped osullation | C 60/100 |
| 2.4 | VISHRANTI VINOD MOTGHARE | 74- | Absent - | CEATION DE |
| | SUNIL MADHAV WAGHAMARE | × | Absent - | 1 |
| | ADITYA ASHOK MESHRAM 🗴 | < | Absent - | - |
| V41. | SARANG GAJANAN CHAUDHARI | 1241 | Heroton's law of Gravitatio | 100 |

| 42. | GAURAV PATRU ZADE | 1248 | Unet-I long que-4 | Bade |
|----------------|---|-----------|-------------------------------|------------|
| 43. | VAISHNAVI MAHESH MESHRAM | | Absen't - | |
| 44, | ATHRV BAPUJI MEDPALLIWAR | 1245 | Unit_I shout que-5 | Alhe- |
| (45) | KAUMUDINI MANOHAR MALODE | 1244 | Unit-II long que-4 | Kmalled |
| 46/ | SHREYA RAMESH JULME | 1242 | Unit - I Shout que-5 | 5.12 Julme |
| 47. | VAIBHAO VASANTA KALE | 1243 | Unit-I Short que, Numerica | |
| V48. | ROSHANI SUSHIL BHARADKAR | 1240 | Unit - II Short que, Numerica | Durhant |
| 49. | SHRUTI SUNIL TEKAM | 1 | h b sent | |
| √5Ö. | SAHIL GAJANAN JENEKAR | 1104 | Unit-III long que - 3 | Sous, |
| - | NIDHI SANTOSH GATLEWAR | | Diff. Equal of SHM | Dertoway |
| 52. | ACHAL RUKIRAM MANDALE | 1105 | h-bsent. | |
| | TANISH SUNIL CHAHARE Not Such | ned / | - h bsent - | 2 |
| V53. | ISHIKA RAJU BARSAGADE | 1103 | Expression of Poisson's Ratio | Whiks- |
| ≈ 54. | SHREYA LAHANU WADHAI | | - Absent | 1 |
| 55. | | X | Absent |) |
| 56. | SHRADDHA RAJU RAURKAR | X a last | | |
| 57. | ABRAR SIRAJ KHAN BHARAT SHANKAR BADWAL | MOT Supmi | Absent | . 1 |
| 3 6 58. | SNEHA KHEMRAJ THAKRE | ×- | - Absent | 5 |
| - | | - | A bsent | |
| 60. | ISHITA VINOD ZADE | X | Bernoulis Theorem | al- |
| ~61. | SHIVALI KISHOR JATHADE MAHESHWARI MOHAN YEROKAR | 1106 | A-bsent - | - |
| 62. | | X | Absent - | Alto |
| - | DIVYA VILAS ATKAPURWAR | *AHG | -Absent | Delle |
| 65. | PARITA GAJANAN PAWAR | MST Subr | | |
| √66. | SRUSHTI ASHVIN BHOYAR | 1140 | Application & BernoulleT | 2 Stokeyas |
| | BHUMIKA VILAS THAMKE | 1130 | Equation of continuity | Tombo |
| 67. | VEDANTI SUBHASH LOHKARE | | Grav. Pot. due to sphericalsh | |
| .68. | KIRAN AJAY NIMBALKAR | 1132 | Kepler's Law | Chr. |
| 69. | SAKSHI RAVINDRA SELOKAR noton | | grav. self energy, GPS | Electi- |
| 70. | OM JITENDRA KESHWANI | 8 | Absent d | |
| 72. | TANVI RAVINDRA GAWANDE | 1136 | | Rawande |
| 72. | ISHA BHARAT ZADE | 1141 | Exp. for Damped Oscillation | |
| 73. | ADITYA SANTOSH KOLHE | 1123 | Exp. for forced oscillation | - ZEILE |
| 124. | DISHANI VINOD LABHANE | X | Absent | - 201 |
| 75. | KHUSHALI SHESHARAO DEOTALE | 7 | - Absent | *** |
| 76. | | 1119 | Unit - II long questions | Ohnt |
| 77. | PRACHI YOGESHWAR GHATE | | | Chect |
| 78. | SUPRIYA CHANDRASHEKHAR THAWASE | 1158 | Unit - III long questions | June |
| 79. | SAKSHI RAVIKUMAR HULKE | 11120 | Unit - IT long questions | |
| 80. | ACHAL MANOJ PAKMODE | 1126 | Unit - I long questions | Achell. |
| 1.81 | MITALI RAVINDRA BUTLE | X | Absont - | - d |
| v32. | YASH VIJAY CHOUDHARI | 1117 | Unit - II Short questions | Mouel her |
| 1,83. | NAKSHATRA SHYAM KAYARKAR | 1121 | Drit-II chart question | Brayork |
| 84. | ATHARVA AJAY RAJURKAR | 1127 | Unit - III Short questions | THE . |
| 85. | SHRUTI RAJESH KHIRATKAR | 1122 | Unit -I question bonds | Thisaker |
| 86. | RUSHABH SHRAWAN ISHWARKAR | < | A-bsent' | |
| 87, | SALONI ARUN GADEKAR | X | - Absem | |
| - 88. | KRISHNA GURUDAS SARKAR | 1137 | Unit-I short que, Numeno | rollyed b |
| 89. | TOSHNA PARMANAND PIMPALE | 1134 | Unit-II question Bank. | .04 |
| 90. | SRUSHTI LOMESHWAR LONDHE | 1135 | equation of continuity | fond he |
| 91. | APURVA SAGAR YELETTIWAR | X | Absent | 0 |
| 92. | FIZA AYYUBKHAN RIZAVI | 1006 | Expression for Poissons par | to techom |
| 93. | JANVI CHANDRASHEKHAR | 1007 | Torsional Pendulum, Numeri | |

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| | SHIMGEKAR | <u></u> | | |
|---------------|----------------------------------|---------|----------------------------------|--|
| 94. | PRATHMESH PARAG TAMBEKAR | 2 | Absent | Beude |
| 95. | KHUSHI SANJAY GUDE | 1004 | Unit-I long questions | |
| 96. | BHARATI TUKARAM BHOYAR | 1003 | Unif- I short que. Numeria | The second secon |
| 97. | NIRAJ NAROTTAM KEWAT > | 1005 | O' - I see | Requat |
| 98. | SIDDHANT PRASHANT WASEKAR | 1001 | Umil II stuff | siddhead |
| V99. | 7PRIO PRITISH BALA | 1002 | Unit - III Short questions | Wiketa. |
| 400. | NIKITA DIWAKAR BAGADE # | 1001 | Unit - III long que Humaia | Prancelie |
| 101. | PRANALI KAILAS BAJAIT | 1030 | unit-It quelies bank. | managing. |
| 102. | SHACHI MOHAN PIHUL | 1029 | Bernoull's theorem | 200 |
| 103. | TANVI GOVIND PANNASE | 1250 | Application of Bernaullis Thm | (gar. |
| ¥ 104. | PREM RAVI NAMPELLIWAR | X | Abscrot | -Asconi- |
| 105. | PRACHI SANJAY NIMBALKAR | 1033 | Poiseulis Equations | 73000 |
| ¥106. | SNADESH DILIP CHOUDHARI | X | Absoni | |
| 107. | SANSKRUTI SANJAY LIHITKAR | X | Absont multy | Piyush. |
| 108. | PIYUSH CHINANNA YELKUCHIWAR | 1027 | Equation of continuity | Marith |
| 109. | MANISH PRAKASH MANUSMARE | 1017 | Diff. Eqn of SHM | chambakla |
| 110. | CHITRA SHANKARRAO TAMBAKHE | 1024 | Hewhor's law of Grantation | CONTURNOUND |
| 111. | PIYUSH SAINATH NAGAPURE | 1018 | Hewofin's law of 4 | MRCHOL |
| 112. | NISHANT SANJAY PETKAR | 1020 | Grav. field, Potential. | esculcar |
| 113. | UDAY RAVINDRA ROHANKAR | 1021 | GPS ALSONI | |
| 114. | PRASHIK SUDARSHAN MANKAR | X | Absent - | |
| 115. | SAMIR SURESH FULZELE | X- | - Absent | Bhaeati |
| 116. | BHARATI HARICHANDRA WATEKAR 🗢 | 1026 | kepler's laws | - |
| ≥1 17. | SACHIN DINESH BANSOD | 1009 | Expression for Ang. momentus | Photos |
| V118. | RAKHI SANJAY CHALAKH | 7077 | Unit-I question Bank | SAYENDO |
| 119. | SAKSHI SUNIL YERNE | 1028 | Unit -II question Bank | 7501 |
| 120. | DARSHAN GULABRAO PATIL | X | Absent | |
| 121. | KHUSHI LALIT TARAFDAR . | 1 | Absent - Quallan Boule | suk |
| 122. | SIDDHESH UDAY KHOND | 1014 | Unit-III question Bowls | 1000 |
| 123. | KARAN OMPRAKASH SINHA | X | Absent | |
| 124. | VEDANT VINOD SATPUTE | X | Unit-III question Bonk | PBKak |
| 125. | PRACHI BHAURAO KAKDE | 1013 | A A MILE DOUBLE | Dala |
| 126. | PRAJWAL GAJANAN LANDGE | 1015 | mit-I- question Bonds | D. Py Lu |
| √127. | GAYATRI SUDHIR BHANDAKKAR | 1010 | Exp- for poisson's Ratio orately | Chardon |
| 128. | CHAITANYA YASHWANT SIDAM | 1038 | to a inches secrets due l'air di | |
| 129. | SUHANI VIPIN LOKHANDE | 1032 | Hooks Law, stress-strain di | M. Sur |
| 130. | SHRADDHA DIKSHANT | 1 | - Absent - | |
| 150. | MALLRWAR | * | O L Link Colomicals | - hall (a) etul |
| 124 | TO A SECULATION OF | 1035 | grav. Pot. due to spherical: | viel (Service) |
| 131. | VRUNDA SANJAY DABHEKAR | V | 45sent | |

Sardar Patel Mahavidyalaya, Chandrapur

Department of Physics

Internal Assignment for Examination Winter 2022

Physics B.Sc. II (Paper II) Radiation & 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) AL | Stole |
| 1. | SUJAL MILIND GOVARDHAN | W-18 9 no. a) All | Chemen |
| 3. | SHIVANI BRINDAVAN MEHTA | - Absent | 3,1 |
| A | MAHEK FATEMA FAROOQUE AHEMAD SHEIKH | W-18 Q.no. 4 A4 | Mahak |
| 5. | VRUSHALI ASHOK THOMBRE | W-18 9 W O. no. SAU | aport |
| 6. | SAMIKSHA AJAY VIRMALWAR | 5-19 Rut 1 All | Samikih |
| 7. | SHRADDHA RAJESH GURJELWAR | 5-19 9.2 A-11 | 8haddi |
| 8. | SHRUTI ATUL SHINDE | 5-19 QUE. 3 All | Bush |
| 9. | MANNATUN PARVIN ANIS SHEIKH | 5-19 QUE. 4 All | Wannel |
| 10. | PRAJKTA PRAVINKUMAR RAJGADE | S-19 Que 5 AU | Justan |
| 11. | MOHIT PRABHU DANDELE | - Abrent -> | |
| 12. | HARSHAD RAMESH GEDEKAR | 4 Abrent - | - |
| 1 3. | PRATIKSHA PRABHAKAR DANDEKAR | 150-19 coup 3 0111 | Durel |
| 14. | JAY RAMESH MADAVI | 5 desert | - |
| 15. | ANCHAL RAJESH BURANDE | W-19a5 | A.R. Buron |
| 16. | AJAY BABA RAMTEKE | W-18 9.1 | A. Farter |
| 17. | SANAFATMA HASANUDDIN SIDDIQUE | W-18 9NO. 2 All . | Sanasadd |
| 18. | RAHUL SHANKAR ZADE | W-18 - Q'NO.03 _ | Day |
| 19. | POONAM MAHESHKUMAR VISHWAKARMA | W-18 Que. H. dl | Of AL |
| | AYUSH CHANDRAKANT SATKAR | | Heckey |
| 21. | VAISHNAVI UTTAM MATTE | 4 Absent | ~ |
| 22. 1 | DEVYANI ANIL WADGURE | 5-19 Que. 2 All | Devy |
| 23. 5 | SONU PRAMOD UIKE | 5-19 Que. 3A4 | - aile |
| 24. 1 | AYUSH PRAMOD KULMETHE | 5 Absent - | 7 |
| | VAIBHAV VASANT BORKUTE | 5-19 Que 5 au | (Porku |
| | TUSHAR SANJAY BOMMEWAR | W-19 Que 1 all | Tuskour |
| | KUSHAWRATI MAROTI WAGHMARE | W-19 Que-2 AN | Munagh |
| | JMESH SANJAY WAIRAGADE | 4 udbsent - | |
| | SANSKRUTI EKNATH NEWARE | W-19 Que 4 all - | Dours |

| 30. | RUTUJA BALAJI KAMATKAR | W-19 0. NO. 5 All | Putija. |
|------|----------------------------------|-------------------|-----------|
| 31. | PRANJALI SHRIRAM BAWANE | W-18 Q. Z. A11 | Boawan |
| 32. | AVANTIKA BANDU PIPARE | W-18 @ 2 AII | Ripari |
| 33. | PRAJWAL BANDU DHANORKAR | W-18 Que 3 All | Bharotkas |
| 34. | VAISHNAVI MORESHWAR BURANDE | W-18 Q-4-all | Smr. |
| 35. | AMIT BABAN PATIL | W-18 a 5. all | Amit |
| 36: | MAYUR VISHWAS NIMJE | 5 -13 que 1 111 | Mayuz |
| 37. | SHWETA RAMESH PATALE | 5-19 Qu. 2. AU | Shure . |
| 38. | SUMIT MAHESH GIRADKAR | 5-19 au. 3 All | Giradko |
| 39/ | ANKITA CHANDRAKANT AMBEKAR | 519 Q.4.01) | Any |
| 40. | TRUPTI DILIP SANDOKAR | 519 Q. S all | (B)3 |
| 41. | VINAYAK EKNATH PADGELWAR | W-19 Q.1 all | Mnaya |
| 42. | KRISHNA RAMESH ZADE | w19 0.2 all | - Sur |
| 43. | RADHIKA WAMAN BORKUTE | w-19 a.3 all | æ ' |
| 44. | CHARULATA TULARAM MAIND | W-19 9.4 all | C. Timais |
| 45. | VAISHNAVI MAROTI ZADE | W-19 Q. no. 5 all | Ozade |
| 46: | DEVAKI SURESH NALAMWAR | W-18 Q. notall | Hume |
| 47. | HARSHITA SUKLAL RANGARI | K1-18 Q. no 2 all | Bongar |
| 48. | VIVEK VIKAS WAKUDKAR | + Absent - |) |
| 49: | PRAGATI SHAMRAO MESHRAM | W-18 Q.4 all | P.S.mest |
| 50. | NAZMIN MOHMMAD SADIK SHEIKH | W-18 Q.5 all | ANTICH |
| 51. | MAHEKNAZ IBRAHIM SHEIKH | 5-19 01. all. | Mhogh |
| 52. | VISHAL SADANAND WASAMWAR | - Absent - | J. |
| 53. | ACHAL SANTOSH PARCHAKE | 5-19 Que 2 all | Month's |
| 54. | ANIKET RAJU CHALAKH | S-19 Q.4 All | * Teke |
| /55. | YASH MAHESH KHEMASKAR | ← Absent - | > |
| 56. | SEEMA FATEMA YOUNUS ALI SAYYAD | W-19 (Q.1) all | Stali |
| 57 | KUMKUM JALESHWAR KHARWAR | 12/-19(0.2) all | Kinkur |
| 58. | MAHEK NAZNEEN ABDUL SHARIF | W-19 (Q-3) all | (Mah |
| 59. | AFREEN PARVEEN SAYYED INAYAT ALI | W-19(R-4)911 | Dogue |
| _6Ó. | ZAINAB NOORI NIYAZ AHEMAD | W-19 (Q.5) all. | Zarrah |
| 51. | MANISHANKAR SAPAN DEY | W-18 Q. 7 9/1 | Mast De |
| \$2. | SANAD DNYANESHWAR WELE | - Absent - | 1 |
| 53. | MANUJA KABILAL SEN | W-18 Q.3 all | Mean |
| 64. | AMAN DUKSHOR KAITHWAS | + Absent - | 7 |
| 65. | JAY RAMESH BADKELWAR | - Absent - | 7 |

| | | سر | h |
|-------|---------------------------------|--------------------|--|
| 66. | DAMINI GHANSHYAM DEWANGAN | 5-19 (9.1) all | Lanin |
| 67. F | PRATIKSHA SATYAPAL MARASKOLHE | 5-19 (0.2) all | Panyakela |
| 68. 5 | SEJAL VIJAY SINGH CHAVHAN | 5-19 (P3) all | Wo |
| 69: 5 | SANKALP GIRIDHAR GHADSE | 5-19 (a.1) all | Ban |
| 70. | SAKSHI TIRUPATI PURELLI | S-19 (Q.5) all | Sakshi |
| 71 | PALLAVI PRAKASH GOMASE | W-19 (Q.1) ell | Cestonuse |
| 72. | YASH PURUSHOTTAM ZADE | 4- A-bsent - | |
| 73. | SAKSHI SANTOSH CHHAGANKAR | wig as all | S-chaganto |
| 74/ | IRSHAD KHAN HUSSAIN KHAN PATHAN | 1019 QU QII | essey |
| 75. | SHRADHA SANTOSH CHHAGANKAR | WIG as all | 8-Chhagana |
| 76. | YASH VILAS KUMBHARE | - Absent - | 2. CIIIA Jan |
| 77. | SHRUTI DHANRAJ ASWALE | W-18 Q.2 QU | #Swale |
| 78. | SNEHA DIWAKAR GEDAM | 10-18 Que no 3 All | Sucha |
| 79: | SAURABH PRASHANT PANDILWAR | - Absent - | — |
| 80. | SHREYASH VILAS SHANTALWAR | 4 Absent - | > |
| 81. | OM TEJASVI THOMBARE | 5-19 (9.1) all | o.Thombso |
| 82. | YOGESH VIKAS GARGELWAR | 5-19 (p. e) all | Geoget. |
| 83. | ASTHA PRASHANT GUNDAWAR | 8-19 (03) 011 | Astha. |
| 84. | VAIDEHI ABHAY BACCHUWAR | S-19 (Q4) au | THE RESERVE OF THE PARTY OF THE |
| 85. | KAUSARBANO SADAKATALI SAYYED | 5-19 (0.5) au | Hideli Bicyyad |
| €86. | MOHAMMAD KAIF ASIF SHEIKH | W-19 OUR ALL | Brank |
| 87. | SANIYA JIBRAIL SHEIKH | - Absent - | 7 |
| 88. | SUDHANSHU KAPIL YADAV | < Absent - | — |
| 89. | ANKITA RAVINDRA THAKARE | 6.19 (Q.4) all | Afrakar |
| 90. | AARTI POONAM SHARMA | 12.19 (B.5) all | Dust. |
| ~91. | AASHNA NAZ ABDUL KHALIL KHALIL | - Absent - | 7 |
| 92. | MUSKAN MANOHAR AHUJA | W.18 (9.3) all | Malup |
| , 93. | SAKSHI HEMANT MATTE | 12.18 (Q4) all | Analle |
| . 94. | | W-18(Q-4)all | Bloth |
| 95. | NAMITA VINOD RAUT | -Absent | > |
| \98 | SAHIL SHARAD DEOGADE | - Absent - | > |
| 91 | . ROHAN GHANSHYAM RITHE | 5-19 92 211 | Prithe. |
| 98 | . GAYATRI SUDHAKAR NAWGHARE | - Absent - | |
| 99 | GANDHARV BALUJI BANGARE | 5-19 9-4 AH | Benezine |
| 10 | | 5-19 gue 5. all | Arey. |
| _ | CHETAN MANOJ DUPARE | wrig one sall | cul |

| 102. | ROHAN DINESH YADAV | + Absent - | |
|------|-----------------------------------|--------------|----------|
| 103. | VAIBHAV RAMESH NIMBALKAR | + Absent - | - |
| 104. | JITESH GULAB BODELE | W-19 Q4 all | Rocher . |
| 105. | VISHESH DHIRAJ PATIL | W-19 DE all | - XaHi |
| 106. | RAHUL RAMDARAS YADAV | < absent - | - |
| 107. | DHRUV MADHURI AGLAWE | 4 Absent - | > |
| 108 | KALYANI PRAKASH KAMATWAR | W-18 83. All | Quelcan; |
| 109 | SHATABDI CHANDRASHEKHAR GOVARDHAN | W-18 B.4 all | Batabdi |
| 110 | VISHRANTI VINAYAK KALE | W-18 95 all. | XXXX |
| 111 | SANA NAZ MOHAMMAD SHABBIR . | 4 Absent | > |
| 112 | RUCHITA PANDURANG DAKHANE | 5.19 Q.2 All | 78KVOUS |
| 213 | GITAI ARVIND URKUDE | 5-19 93 all | atte. |
| 114 | KRUNAL RAJU TURANKAR | 5~13 Q4all | Waranka |
| 115 | SHIVANI RAJENDRA KALAMBE | 8-19 & 5 all | Shivani |
| 116 | SUGAT MAROTI MOON | W-39 | N. Est. |
| 117 | KALYANI GANESH KULMETHE | W-19. | Layou. |

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 | Merce |
| 2, | BALKI NIKHIL BANDU | 3202 | Unit-I Question Bank | EROLL! |
| 3. | BANKAR PAYAL PRAKASH | 3203 | Unit-I Question Bank | Layed |
| 4. | BRAMHANKAR SHRADDHA PRAKASH | 3204 | Unit-I Question Bank | (Shadina |
| 5. | CHAMARE YUGANDHARA SATISHRAO | 3205 | Unit-I Question Bank | Money |
| · 6. | CHAUDHARI BHUSHAN TULSHIDAS | 3206 | Unit-I Question Bank | - |
| 7. | DEWAIKAR PRUTHA SANDIP | 3207 | Unit-I Question Bank | Pembo |
| 8. | DEWALE SAKSHI DILIP | 3208 | Unit-I Question Bank | sekslå_ |
| 9. | DEWANGAN YAMINI DADURAM | 3209 | Unit-I Question Bank | Tamin |
| 10. | DHAMANKAR NAMITA KISHOR | 3210 | Unit-I Question Bank | Okon |
| 1 1. | FALE DIPTI ARUN | 3211 | Unit-I Question Bank | Dak |
| 12. | GARGELWAR DIPALI MADHUKAR | 3212 | Unit-1 Question Bank | Juget. |
| 13. | HAJARE ANIKET BHIWAJI | 3213 | Unit-II Question Bank | - |
| 14. | INGOLE PRATIK PRAMOD | 3214 | Unit-11 Question Bank | Ayole |
| 15. | JAISWAL SHEJAL SANJAY | 3215 | Unit-II Question Bank | duid |
| 16. | JIWTODE SAMIKSHA RAMKRUSHNA | 3216 | Unit-II Question Bank | Montode |
| 17. | KARADBHUJE BHAVESH MOTIRAM | 3217 | Unit-II Question Bank | Blanadhu Bsktadse |
| 18. | KHADSE SALONI SUDHAKAR | 3218 | Unit-II Question Bank | Bsktadse |

| 19. | KOYADWAR VAISHNAV VIJAY | 3219 | Unit-II Question Bank | Vaishnass |
|-----|--------------------------------|------|------------------------|-------------|
| 20. | KUNGHADKAR SUCHAK BANDU | 3220 | Unit-II Question Bank | Fanal wkoz |
| 21. | LODHE NIKITA VINOD | 3221 | Unit-II Question Bank | Whe |
| 22. | MADAVI GANESH SANJAY | 3222 | Unit-II Question Bank | Bradavi |
| 23. | MUNGLE ADITI JAIRAJ | 3223 | Unit-II Question Bank | Rust. |
| 24, | NIKURE POOJA SURENDRA | 3224 | Unit-II Question Bank | Charles . |
| 25. | NIRASKAR TEJASHREE ARUNRAO | 3225 | Unit-III Question Bank | CHUSKUA |
| 26. | RAMTEKE BHAGYASHRI JITENDRA | 3226 | Unit-III Question Bank | Burks. |
| 27. | SAHU CHANDANI JAGERAM | 3227 | Unit-III Question Bank | Crahe |
| 28. | SARKAR PRIYA SAPAN | 3228 | Unit-III Question Bank | Barbery. |
| 29. | SONULE YASH ASHOK | 3229 | Unit-III Question Bank | - |
| 30. | SOPANKAR ARJUN BHIMRAO | 3230 | Unit-III Question Bank | Branker) |
| 31. | TEMBHURNE SHWETA SHAILENDRA | 3231 | Unit-III Question Bank | Questa |
| 32. | UIKEY NANDINI SURENDRA | 3232 | Unit-III Question Bank | Duikey |
| 33. | WADASKAR MAYURI PRABHAKAR | 3233 | Unit-III Question Bank | ayurs |
| 34. | BOBADE HUMANSHU HEMANT | 3234 | Unit-III Question Bank | Tebade |
| 35. | DATARKAR PRATIK ANANDRAO | 3235 | Unit-III Question Bank | القسعال . |
| 36. | DATARKAR SHREYASH BABAN | 3236 | Unit-III Question Bank | Baraham |
| 37. | GAWANDE NIKHITA RAJHANS | 3237 | Unit-IV Question Bank | - |
| 38. | JUNARKAR PRANAY RAJU | 3238 | Unit-IV Question Bank | pendo |
| 39. | KAJALIWALE ADARSH GANESH | 3239 | Unit-IV Question Bank | Adarstrajab |
| 40. | KHAN NEHABANO ISTAR | 3240 | Unit-IV Question Bank | Dulge |
| 41. | MAKODE SHRAWANI ANIL | 3241 | Unit-IV Question Bank | Blade |
| 42. | NAGRALE AADARSH ROSHAN | 3242 | Unit-IV Question Bank | - |

| 43. | OLETIWAR ADITYA VILASRAO | 3243 | Unit-IV Question Bank | Melion |
|-----|------------------------------------|------|------------------------|------------|
| 44. | PACHARE RAJSHREE DIPAK | 3244 | Unit-IV Question Bank | Spice |
| 45. | SONI ANCHAL BAIJNATH | 3245 | Unit-IV Question Bank | - |
| 46. | TELANG SRUSHTI | 3246 | Unit-IV Question Bank | - fotungs |
| 47. | CHATURDAS THAKRE PIYUSH DADAJI | 3247 | Unit-IV Question Bank | Dantorie |
| 48. | UIKEY TUSHAR MANOHAR | 3248 | Unit-IV Question Bank | - TONAOT |
| 49. | JULME ROHINI BALDEO | 3001 | Unit- I Question Bank | Pus |
| 50. | KORKOPPULWAR ABHINAY ASHOK | 3002 | Unit- I Question Bank | K. Abhinay |
| 51. | KUMBHARE BHAVIKA ARVIND | 3003 | Unit- I Question Bank | Dumblare |
| 52. | MAKODE ANUSHRI VILAS | 3004 | Unit- I Question Bank | A code |
| 53. | PAUL VINIT VINAY | 3005 | Unit- I Question Bank | West. |
| 54. | SARKAR SURAJ SUJAN | 3006 | Unit- I Question Bank | Thurs. |
| 55. | SEN SHUBHAM BABURAM | 3007 | Unit- I Question Bank | 2 |
| 56. | THAKRE ABHISHEK | 3008 | Unit- I Question Bank | Minhoe |
| 57. | THENGANE BHARATI | 3009 | Unit- I Question Bank | Authergan |
| 58. | TOTADE ABHISHEK | 3010 | Unit- II Question Bank | 2000 |
| 59. | HARISHCHANDRA VISHWAKARMA MANSI | 3011 | Unit- II Question Bank | |
| 60. | RAMANKUMAR YADAV KHUSHBU | 3012 | Unit- II Question Bank | Kaday |
| 61. | CHANDRADEV SIMRAN JAHAN MD | 3013 | Unit- II Question Bank | Q'die |
| 62. | ADKINE NIKITA RAJENDRA | 3014 | Unit- II Question Bank | Rolline |
| 63. | BARAPATRE AMOL NANDKISHOR | 3015 | Unit- II Question Bank | (Barapate |
| 64. | BAWARE SANKET ASHOK | 3016 | Unit- II Question Bank | Bhukmet |
| 65. | DETHE YOGINI RAMBHAU | 3017 | Unit- II Question Bank | gogini_ |
| 66. | DEURKAR JANHAVI MAHADEO | 3018 | Unit- II Question Bank | Benting. |

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| 67. | DHAKATE PRATIKSHA RAJU | 3019 | Unit- III Question Bank | - Phuse |
|--------------|--------------------------------|------|-------------------------|-----------|
| 68. | DURGE KHUSHI | 3020 | Unit- III Question Bank | Rollinge |
| .77979 | CHARANDAS | 3021 | Unit- III Question Bank | 0 |
| 69. | GEDAM AACHAL UTTAM | 3021 | | Misan |
| 70. | GUMMELWAR PRANAY PRAKASH | 3022 | Unit- III Question Bank | - |
| 71. | JOGI AMISHA KIRAN | 3023 | Unit- III Question Bank | Corniglas |
| 72. | LOKHANDE NANDINI SUNIL | 3024 | Unit- III Question Bank | Olophande |
| 73. | NIKHADE SONALI SUDHAKAR | 3025 | Unit- III Question Bank | Sonali_ |
| 74. | NIKODE SHUBHANGI | 3026 | Unit- III Question Bank | @su'kodo |
| 75. | PAUL POOJA SHANKAR | 3027 | Unit- III Question Bank | p.pau |
| 76. | RAJURKAR RAHUL PRABHAKAR | 3028 | Unit- IV Question Bank | Van |
| 77. | SHEIKH ZOYA PARVEEN BABBU | 3029 | Unit- IV Question Bank | Sheary. |
| . 78. | SHENDE KHUSHI VINOD | 3030 | Unit- IV Question Bank | (Khushi |
| 79. | SHENDE SHRUTI GIRIDHAR | 3031 | Unit- IV Question Bank | trente |
| 80. | SHERKI VANSHITA RAVINDRA | 3032 | Unit- IV Question Bank | Ossherki |
| 81. | SINGH ANIKET AJEETKUMAR | 3033 | Unit- IV Question Bank | Buigh |
| 82. | SURPAM RAMESHWARI TEJRAM | 3034 | Unit- IV Question Bank | Muspam |
| 83. | YADAV DEEPAK CHHOTELAL | 3035 | Unit- IV Question Bank | _ |
| 84. | ZORE VAISHNAVI RAJESH | 3036 | Unit- IV Question Bank | @ishuu. |
| 85. | ADKINE SAMRUDDHI HARESH | 3101 | Unit- I Question Bank | Adkine. |
| 86. | DURATKAR PRAJAKTA SHANKAR | 3102 | Unit- I Question Bank | FIRE |
| 87. | HIWARKAR SUMIT SHARAD | 3103 | Unit- I Question Bank | sunit. |
| 88. | NAITAM KIRAN RAVINRDRA | 3104 | Unit- I Question Bank | _ |
| 89. | NANDAGIRKAR PURVESH | 3105 | Unit- I Question Bank | - |
| 90. | RAJESH ROGE SAKSHI RAJKUMAR | 3106 | Unit- I Question Bank | _ |

| 91. | SANDOKAR POOJA BANDU | 3107 | Unit- I Question Bank | Pools |
|------|---|------|-------------------------|------------|
| 92. | SHEIKH MARIYA FATEMA MOHAMMAD SHOYEB | 3108 | Unit- II Question Bank | - |
| 93. | SHIKARDAR SHRUTI NARAYAN | 3109 | Unit- II Question Bank | Shousti |
| 94. | THAKUR TANUSHRI RAJENDRA SINGH | 3110 | Unit- II Question Bank | [aul |
| 95. | THERE PAPITA SHANTARAM | 3111 | Unit- II Question Bank | Sherry |
| 96. | WALLUJWAR ROHIT PITAMBAR | 3112 | Unit- II Question Bank | Ben en |
| 97. | WASEKAR SHWETA SHRIDHAR | 3113 | Unit- 11 Question Bank | Shinto |
| 98. | YADAV POOJA RAMASHANKAR | 3114 | Unit- II Question Bank | Phaday |
| 99. | ASUTKAR KARAN SHANKAR | 3115 | Unit- III Question Bank | fuckor |
| 100. | BOBADE JAYSHRI DEVIDAS | 3116 | Unit- III Question Bank | - |
| 101. | DHOPTE PARAG TARACHAND | 3117 | Unit- III Question Bank | Argy |
| 102. | GAUTAM SHAILENDRA ROSHANLAL | 3118 | Unit- III Question Bank | Chailender |
| ₹03. | GIRADKAR RAHUL BANDU | 3119 | Unit- III Question Bank | ASIO. |
| 104. | GIRSAWALE RITIK NILKANTH | 3120 | Unit- III Question Bank | |
| 105. | KAMDE VEDANTI RAJENDRA | 3121 | Unit- III Question Bank | when |
| 106. | KETAN FANENDRA UMARGUNDAWAR | 3122 | Unit- IV Question Bank | aton |
| 107. | KOTKAR SAKSHI SUBHASH | 3123 | Unit- IV Question Bank | |
| 108. | MOHURLE SHRUTI KHUSHAL | 3124 | Unit- IV Question Bank | Shruhi. |
| 109. | NEWALKAR PIYUSH SUNIL | 3125 | Unit- IV Question Bank | - |
| 110. | SINGADE ADITYA KISHOR | 3126 | Unit- IV Question Bank | - |
| ŢII. | 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 |
|------------|--------------------------------|---------------------------|---------------------------------------|
| y | ADITYA SANTOSH KOLHE | Unit-I question Bank | Horne |
| 2 | BADWAL BHARAT SHANKAR | - Absont | 7 |
| 3 | BAGADE NIKITA DIWAKAR | Unit - I question Bank | Nikita |
| سف | BAJAIT PRANALI KAILAS | Unit-I question Bank | Propales |
| 150 | BALA PRIO PRITISH | Unit - I question Bank | Miller. |
| B | BANIK BABLI ZANTU | Unit - I quation Bomls | Babli. |
| 7 | BANSOD SACHIN DINESH | Unit - IL question Bonk - | locking. |
| 8 | BARSAGADE ISHIKA RAJU | 4 Absent | 7 |
| 9 | BHANDAKAR GAYATRI SUDHIR | Unit - II question Bank | Caronakuin |
| 20 | BHARADKAR ROSHANI SUSHIL | | Colonia |
| 41 | BHOYAR BHARATI TUKARAM | Unit-IL question Bank | Bhoyas |
| 12 | BHOYAR SRUSHTI ASHWIN | | - PAIG ACE |
| 13 | BUTLE MITALI RAVINDRA | S Absent | |
| 14 | CHAHARE TANISH SUNIL | 4 Absent | -> |
| 15' | CHALAKH RAKHI SANJAY | Absent | Ol Jaleh |
| | CHANDANKHEDE VAISHNAVI VIJAY | Unit-II question Bank | Phalakh |
| 16 | | Unit -III question Bank | (A) |
| W | CHAUDHARI SARANG GAJANAN | Unit-III question Bank | D. Arm |
| 18 | CHOUDHART SANDESH DILIP | + Absent | |
| 19 | CHOUDHARI YASH VIJAY | Unit-III question Bamk | Doubley |
| 20 | DABHEKAR VRUNDA SANJAY | + Absent - | 0 > |
| 21 | DEOTALE KHUSHALI SHESHARAO | -Absent | -> |
| 22 | DEWANGAN AJAY DWARKALAL | < -Abcent | -> - |
| 23 | DHARMELWAR SHRIDDHIKA SUNIL | Absent | -> |
| 34 | DOMKUNDWAR PRERNA PRAVIN | Unit-III question Bank | P.P.Dommundon |
| 25 | FULZELE SAMIR SURESH | - Absent - | T T T T T T T T T T T T T T T T T T T |
| 26 | GADEKAR SALONI ARUN | < Absent - | |
| 27 | GAMPALA MANEESHA VINOD | Unit - III question Bank | |
| 28 | GATLEWAR NIDHI SANTOSH | - Absent | Maneuho |
| 28" | GAWANDE TANVI RAVINDRA | 11.01 | |
| 30 | GHATE PRACHI YOGESHWAR | 11.50 | (Laroan 96 |
| 31/ | GUDE KHUSHI SANJAY | ILN DIVERSION | Phate |
| 32 | HANUMANTE JANHVI RAJU | 11.91 0 1 19 | Bude |
| 33 | HEPAT ANUSHRI VINOD | Unit - IV question Bank | Ranumant |
| | E. C. Contract of the state of | Unit - Iv question Bank | affepat |
| 34 | HULKE SAKSHI RAVIKUMAR | Should Unit - I questra | 7) |
| -35- | ISANKAR RUTUJA BABA | Unit-I guestion Bank | Detela |
| 36 | ISHWARKAR RUSHABH SHRAWAN | Absent - | 3 |
| 37 | JATHADE SHIVALI KISHOR | 4 Absent | - |
| 38 | JENEKAR SAHIL GAJANAN | Unit-In question Bank | 1/1500 |
| 39 | JULME SHREYA RAMESH | Unit-I question Bank | 1 |

| 10 | KAKDE PRACHI BHAURAO | Unit - t awayy a | 201 -1 A |
|------|-----------------------------|--|--------------|
| -41 | KALE-VAIBHAO-VASANTA- | Unit-I question Bank | Peraka |
| 42 | KATOLE VRUSHALI DINKAR | Absent > | 0 11 |
| 43 | KAYARKAR NAKSHATRA SHYAM | Unit - I question Bank | (Valo)2 |
| 44 | KESHWANI OM JITENDRA | 5 Absent - | |
| 15 | KEWAT NIRAJ NAROTTAM | Absent - | |
| 46 | KHAN ABRAR SIRAJ KHAN | Unit - II question Bank | Naucot |
| 47 | KHAN RIFATNAZ SABIR | 1 Absent | |
| _ | KHAN SOHEL AJAZ | Unit-II question Bank | etatt-han |
| 48 | KHANKE SHARVARI SURESH | + Absent -> | C |
| 49 | KHANKE YUGAL RAJENDRA | Unit - Il question Bank | Domouri |
| 50 | KHIRATKAR SHRUTI RAJESH | (Absent) | |
| 81 | KHOBRAGADE NIHIRA RAJESH | Unit - II question Bank | thiraffee 2 |
| 52" | | Un Pt-III question Bank | Cinza. |
| 53. | KHOND SIDDHESH UDAY | Unit - III question Bank | Sut |
| 54 | KINNAKE YASH AVINASH | + Absent - > | 7.00 |
| 55 | KOSARE ANJALI VILAS | < Absent -> | |
| 56- | KUMRE NIKHIL TULSIRAM | Unit-III question Bank | Neumas |
| 57 | LANDGE PRAJWAL GAJANAN | Unit - I question Bank | - 4 |
| .58 | LATARE HERAMB SUDHAKAR | Unit - II question Bank | Bonda |
| 59 | LOHKARE VEDANTI SUBHASH | 4 Absent - > | 300 |
| 98 | LOKHANDE SUHANI VIPIN | Unit - IV question Bank | - 1 . |
| 52 | LONDHE SRUSHTI LOMESHWAR | | Suhawi |
| 62 | MAHADOLE LEENA RAMESH | Unit - IV question Bank | tendhe |
| 63 | MALLELWAR SHRADDHA DIKSHANT | The state of the s | Que |
| £4 | MALODE KAUMUDINI MANOHAR | 4 Absent - | - |
| | MANDADE SAKSHI RAVINDRA | Unit - IV question Bank | Rmalaco |
| 100 | MANDALE ACHAL RUKIRAM | Unit - IV question Bank | AP waveledge |
| -66- | | < Absent -> | - |
| SI | MANISH PRAKASH MANUSMARE | Unit - I question Bank | Marie |
| 68 | MANKAR PRASHIK SUDARSHAN | < Absent> | |
| 69 | MEDPALLIWAR ATHRY BAPUJI | + Absent > | |
| 70 | MESHRAM ADITYA ASHOK | K Absent | |
| 71 | MESHRAM VAISHNAVI MAHESH | & Absent - | 7 |
| 72 | MOTGHARE VISHRANTI VINOD | - Absent | |
| 25 | NAGAPURE PIYUSH SAINATH | Unit - 1 question Bank | ATO. |
| 74 | NARANG CHAHAT SANJAY | + Absent > | Blumpun |
| 75 | NEWARE TANVI GANPAT | ABSent - | |
| 76 | NUMAGADE MOHINI SHASHIKAR | + Absent | 7 |
| 27 | NUMBALKAR KIRAN AJAY | Unit - I Question Bank | 0 |
| 18 | NUMBALKAR PRACHI SANJAY | Unit - I question Bank | lader 1 |
| | | | Serth. |
| | PADOLE MEGHNA RAVINDRA | Unit - I question Bank | M.R. Hadole |
| _ | PAKMODE ACHAL MANOJ | Unit -II question Bank | Achil ? |
| _ | PANNASE TANVI GOVIND- | 1 Absent | 7 |
| 82 | PARMANIK DIPSHIKA PRONAB | Unit - I question Bank | Deap. |
| 83 | PATHAN SOHELKHAN ISMAILKHAN | 4 Absent 3 | |
| 84 | PATIL DARSHAN GULABRAD | 4 Absent | > |
| 85 | PAWAR PARITA GAJANAN | Absent -> | |

| 35/ | PETKAR NISHANT SANJAY | 18 22 | |
|-----------|--------------------------------|--|-------------|
| 1 | PIHUL SHACHI MOHAN | Unst a guestion Bank | 18 Netkaz |
| 88 | PIMPALE TOSHNA PARMANAND | Unst-I question Bank | Bold. |
| 88 | PRAJAPATI USHA PHULCHAND | Akar | 100 |
| 90 | RAJURKAR ATHARVA AJAY | Unit-I question Bank | rusho |
| 91 | RAM GULSHANKUMAR BRIJESHKUMAR | + Absent | - CLAND |
| 92 | RAVIDAS SADHANA RAMBRISH | Absent - | |
| 98 | RIZAVI FIZA AYYUBKHAN | Unit-III question Bank | Sudhara |
| N. | ROHANKAR UDAY RAVINDRA | Unit-III question Bank | Ochan |
| _ | SARKAR KRISHNA GURUDAS | Unit - III question Bank . | upsen la on |
| 95 | SATPUTE VEDANT VINOD | -Absent | -cpainte or |
| 95 | SELOKAR SAKSHI RAVINDRA | + Absent | |
| SY | | Unit - III question Bank | Chilli a |
| 98 | SHARMA PALAK JAIPRAKASH | 1 1 Pd and an arrangement of the second of t | Galethi- |
| 99 | SHERKI PRAFUL MANGESH | | 90 01/0 |
| 100 | SHIMGEKAR JANVI CHANDRASHEKHAR | 4.1 91 | @msheleki |
| 101 | SIDAM CHAITANYA YASHWANT | Unit-IV question Bank | through |
| 102 | SINHA KARAN OMPRAKASH | Absent > | |
| 103 | SONKAR GAURI ASHOK | Absent -> | |
| 104 | TAMBAKHE CHITRA SHANKARRAD | Unit-IV question Bank | Sonkar |
| 105 | TAMBEKAR PRATHAMESH PARAG | + Absent | |
| 186 | TARAFDAR KHUSHI LALIT | + Absent - | |
| | TAWADE ISHA GOPICHAND | Unit-IV question Bank | (Dustr. |
| 107 | | 4 Absent | 0 |
| 3000 | TEKAM SHRUTI-SUNIL | + Absent | , |
| 109 | THAKRE-SNEHA-KHEMRAJ | 4 Absent -> | - |
| 140 | THAMKE BHUMIKA VILAS | Unit - IV question Bank | Broke |
| 141 | THAWASE SUPRIYA CHANDRASHEKHAR | Unit - I question Bank | - |
| 112 | THULKAR KHUSHI RAJU | Unit - 2 question Bank | Ghur |
| 213 | VERMA ZOYA TARUNKUMAR | Unit -I question Bank | y Alery |
| 144 | WAGH DIPAWALI RAJESH | | Turger- |
| 115 | WAGHAMARE SUNTL MADHAV | | Okwagh |
| _ | WANI VIJETA VIKASRAO | E Absent) | |
| - 6 | | Unit -I question Bank | man |
| Section 1 | WASEKAR SIDDHANT PRASHANT | Unit -II question Bank | Sielo |
| _ | WATEKAR BHARATI HARICHANDRA | Unit-II question Bank | Bhatatt |
| _ | YELETTIWAR APURVA SAGAR | (Absent) | |
| - | YELKUCHIWAR PIYUSH CHINANNA | Unit - II question Bank | Dina? |
| 21 | YERNE SAKSHI SUNTL | Unit - II question Bank | Piyulb |
| 22 | YEROKAR MAHESHWARI MOHAN | 4 been | Ssyenne |
| | ZADE GAURAV PATRU | | 0 |
| | ZADE ISHA BHARAT | Unit-II question Bank Unit-III question Bank | bade |

Sardar Patle Mahavidyalaya, Chandrapur

Department of Physics Paper II: Claser Acoustics & Laser

Internal Assignment for Exam Summer 2023

| Sr. | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Atrigomont Tools | |
|---------|---|---|-------------|
| No 1 | AGLAWE DHRUV MADHURI | Assignment Topic | Signature |
| -2 | AHUJA MUSKAN MANOHAR | With the word Acostic Laper. | 234 |
| 3 | ALI AFREEN PARVEEN SAYYED INAYAT ALI | Unit-4 (Laser) | Dolanja |
| 4 | ALI SEEMA FATIMA SAYYAD YUNUS | < Absent - | > 9 |
| | AMBEKAR ANKITA CHANDRAKANT | Absent - | > |
| 5 | | (notton svow) II- tinu | 1 |
| 6 | ANKITA RAVINDRA THAKARE | Unit - (Laser) | Amahas |
| 7 | ASWALE SHRUTI DHANRA) | Uni III (AVITALONE Wave & ACOUNT | |
| 8 | BACCHUWAR VAIDEHI ABHAY | | 1 1 |
| 9 | BADKELWAR JAY RAMESH | unit N (Laser) | Gaidhi |
| 10 | BANGARE GANDHARV BALUJI | Absent - | |
| 11 | BAWANE PRANJALI SHRIRAM | | 0 |
| 12 | BODELE JITESH GULAB | Unit I (Superposition & harmons | Bhanains |
| 13 | BOMMEWAR TUSHAR SANJAY | (Character Character) | Body |
| 14 | BORKUTE RADHIKA WAMAN | (Superposition of two Harmonic Hons) | Toghan |
| 15 | BORKUTE VAIBHAV VASANT | Unit-II (wave notion) | Alex- |
| 16 | BURANDE ANCHAL RAJESH | Superposition of two Hormonics illution | Postcute |
| 17 | 8URANDE VAISHNAVI MORESHWAR | Superposition of two Hornonia hon | F. R. Buron |
| 18 | CHALAKH ANIKET RAJU | < Absent | + |
| 19 | CHAVHAN SEJAL VIJAY SINGH | unif III + [ulhasure we] | · PA |
| 20 | OHHAGANKAR SAKSHI SANTOSH | Unit III - Cultrasonic Wave | (No |
| 21 | CHHAGANKAR SHRADDHA SANTOSH | Vnit III - [Ultrajonic wave & A coustic | 5. Chayou |
| 22 | DAKHANE RUCHITA PANDURANG | Unit-TI Jult rasonic waver Acoust | 2 Chhasan |
| 23 | DANDEKAR PRATIKSHA PRABHAKAR | orit -4 (laser) | Agkran |
| | 122000 00000 00000000000000000000000000 | wave motorand. A | Constand |
| 24 | DANDELE MOHIT PRABHU | This ent | |
| 25 | DEOGADE SAHIL SHARAD | Absent -> | |
| 26 | DEWANGAN DAMINI GHANSHYAM | Unit-III (Ultrasonic Wave and Acastic & | So Donly |
| 27 | DEY MANISHANKAR SAPAN | Unit III Eullaysonic woves and Acoustics) | Manifest |
| 28 | DHANORKAR PRAJWAL BANDU | Whit - TT Super negition at Litera hour | Branch |
| 29 | DHOBE SEJAL VITTHAL UNIT | | Thole |
| 30 | DUPARE CHETAN MANOJ | a ta ta da | cwQ. |
| 31 | GARGELWAR YOGESH VIKAS | Unit-4 (Lases) | Bagel |
| 32 | GEDAM SNEHA DIWAKAR | . 715 6 | Sielle |
| 33 | GEDEKAR HARSHAD RAMESH | Absent - | V-C-IF |
| 34 | GHADSE SANKALP GIRIDHAR | unit III [ultrasonic wave) | 2019 |
| 35 | GOMASE PALLAVI PRAKASH | | 28 mus |
| 36 | GOVARDHAN SHATABDI CHANDRASHEKHAR | unit-Iv (laser) | balabali |
| 37 | GOVARDHAN SUJAL MILIND | unit - I | Time! |
| 38 | GUNDAWAR ASTHA PRASHANT | unit - IV (Laseous) | Astrel. |
| 39 | GURJELWAR SHRADDHA RAJESH (LINGI-T. | Transferribles of the Paris of | hickwas |

| 40 | KATHWAS AMAN DUKSHOR | | |
|-----|---------------------------------|--|--|
| 41 | KALAMBE SHIVANI RAJENDRA | | - |
| _ | KALE VISHRANTI VINAYAK | unit-IV (Laser). | et 2 / |
| 42 | KAMATKAR RUTUJA BALAJI | Unit II (Laser) | Shingel . |
| 43 | KAMATWAR KALYANI PRAKASH | unit_ I what me beats 7 | 100000000000000000000000000000000000000 |
| 44 | KHAN PATHAN IRSHAD HUSSAIN KHAN | Unit IV [Laser] | Butting |
| 45 | | Limit II | Bulgon |
| 46 | KHARWAR KUMKUM JALESHWAR | 100101 | agree |
| 47 | KHEMASKAR YASH MAHESH | Init-Il Tultrusonic would | Farment |
| 48 | KULMETHE AYUSH PRAMOD | Unit - I [witersonic wave] | 300 |
| 49 | KULMETHE KALYANI GANESH | Absent = | 3 4 |
| 50 | KUMBHARE YASH VILAS | URt-TU Lloser | John . |
| 51 | MADAVI JAY RAMESH | Unit IX lasev | 'YasH |
| 52 | MAHEK NAZNEEN ABDUL SHARLE | Absent - | > |
| 53 | MAIND CHARULATA TULARAM | Absent - | > |
| 54 | MARASKOLHE PRATIKSHA SATYAPAL | Unit-11 (Denve on expresion wave on stretchillerin | 107.main |
| | MATTE SAKSHI HEMANT | Unit - The Cultra sonic want | Euramokally |
| 55 | MATTE VAISHNAVI UTTAM | UNIT-TY [LOSEN] | Janle |
| 56 | | < Absent - | |
| i7. | MEHTA SHIVANI BRINDAVAN | Unit - II [Wave motion] | Shirted |
| 58 | MESHRAM PRAGATI SHAMRAO | unit - II [wave mation] | p.s.mesh |
| 9 | NALAMWAR DEVAKI SURESH | (initial [wave motion] | Haumo |
| 0 | NAWGHARE GAYATRI SUDHAKAR | Absent - | , , |
| 1 | NAZ AASHNA ABDUL KHALIL | unit IV (wave, occoustic (Laser) | J Sh |
| 12 | NEWARE SANSKRUTI EKNATH | Unit - I what tree beats - Saillate | Shares |
| 3 | NIMBALKAR VAIBHAV RAMESH | with there acostic and hose | (J. 100) |
| 4 | NIMJE MAYUR VISHWAS | 4 Absent | Contract of the contract of th |
| 5 | PADGELWAR VINAYAK EKNATH | unifI (wave motion | V E Sadgen |
| 6 | PANDILWAR SAURABH PRASHANT | < Absent > | |
| 7 | PARCHAKE ACHAL SANTOSH | unit III [ultrasonic waye] constic | of white |
| 8. | PATALE SHWETA RAMESH | Unit I [wave motion] | Dunks |
| 9 | PATIL AJAY MANOJ | unit IV Thrave acostic and Laser) | Pian |
| 0 | PATIL AMIT BABAN | dupen position of two d. H.M. | Reid |
| 1 | PATIL VISHESH DHIRAJ | Absent - | 1 |
| 2 | PIPARE AVANTIKA BANDU | superposition of two Hurmonic excitation | Ripers |
| 3 | PURELLI SAKSHI TIRUPATI | Unit-III (Ultrasonic Lause & Acoustic) | Sakshi |
| | RAJGADE PRAJKTA PRAVINKUMAR | UNIT-I [To elotain oxpagajon for Assultant | |
| 4 |) | unit-I | A. Panter. |
| 5 | RAMTEKE AJAY BABA | ONTI-II Wave Motion] | Hongar |
| 6 | RANGARI HARSHITA SUKALAL | unit-TE Claser] | Bernita |
| 7 | RAUT NAMITA VINDO | Unit - TV (laser) | Perthe. |
| 8 | RITHE ROHAN GHANSHYAM | Superposition of two namounishum | 1,000 |
| 9 | SAMIKSHA AJAY VIRMALWAR | Absent > | n open |
| 0 | SANDOKAR TRUPTI DILIP | | Aukart |
| 1 | SATKAR AYUSH CHANDRAKANT | | Dayyor |
| 2 | SAYYAD KAUSARBANO SADAKATALI | Unit-IV (LOSU) | 02 |
| 3 | SEN MANUJA KABILAL | UNIT-III Cultrasonie wave & Acoustic] | The state of the s |
| | SHANTALWAR SHREYASH VILAS | 10364 | Mahi ham |

| 86 | SHEIKH MAHEK FATEMA FAROOQUE AHEMAD | Unit-I (superposit of two Hormon) | Makey |
|----------|-------------------------------------|---|--|
| 87 | SHEIKH MAHEKNAZ IBRAHIM | | Wisdem |
| 88 | SHEIKH MANNATUNPARVIN ANIS | | Marvan |
| - | SHEIKH MOHAMMAD KAIF ASIF | unit -I (Superposity of two Markonic) | - |
| 89 | SHEIKH NAZMIN MOHAMMAD SADIK | wait 02 (1030x) | Many |
| 98 | SHEIKH SANA NAZ MOHAMMAD SHABBIR | Unit - III (wysotonic wave) | Dare |
| 91 | | Unit IV (we've, acoustic, Lasor) | ano. |
| 92 | SHEIKH SANIYA JIBRAIL | Absent - | |
| 93 | SHETTY SAKSHI KRISHNA | 11 11 1 | (F) Hu |
| _ | SHINDE SHRUTI ATUL | Unit-4 (Laser) | A IO |
| 94 | | unit-II (wave motion) | Beer |
| 95 | SIDDIQUE SANAFATMA HASANUDDIN | unit - 1 Have mo Superposition guny | Sana |
| 96 | SUGAT MAROTI MOON | 2 Aloceust - S | |
| 97 | SUMIT MAHESH GIRADKAR | unit -II (wave motion) | California 47 |
| 98 | THOMBRE OM TEJASVI | | Months |
| | THOMBRE VRUSHALI ASHOK | the fact | allow |
| 99 | | Supurposition of two Harmonic oscillation | Of work |
| 100 | TURANKAR KRUNAL RAJU | Unitar) Cases | Robert |
| 101 | UIKE SONU PRAMOD | - wove motion) | Till- |
| 102 | URKUDE GITAI ARVIND | Unit - IV (laser) | Giptie |
| 103 | VISHWAKARMA POONAM MAHESHKUMAR | Unit II (wave mation) | A STATE |
| 104 | WADGURE DEVYANI ANIL | Unit-1 Superposition of two Harmonic | Deyani |
| 105 | WAGHMARE KUSHAWRATI MAROTI | | Managhan |
| | | Unit-IT (wave motion) | 1 |
| 106 | WAIRAGADE UMESH SANJAY | Unit # wave motion and Fit | (Pive) |
| 107 | WAKUDKAR VIVEK VIKAS | unit # Wave motion and Fit. | The second secon |
| 108 | WASAMWAR VISHAL SADANAND | unit III | Quel |
| 109 | WELE SANAD DNYANESHWAR | Absent - | |
| 110 | YADAV RAHUL RAMDARAS | Unit III hoves Alasticand laser | There |
| 11 | YADAV ROHAN DINESH | Whit IV Word , Acostic and Lorde | Colypthan |
| <u> </u> | YADAV SUDHANSHU KAPIL | unit IV ware . A costic and laser | Sky |
| 112 | | Alexander | 0 |
| 113 | ZADE KRISHNA RAMESH | | a. |
| 114 | ZADE RAHUL SHANKAR | unit I wave metion and F.T | Dung |
| 115 | ZADE VAISHNAVI MAROTI | Absent - | |
| 116 | ZADE YASH PURUSHOTTAM | Absent - | > |
| | ZAINAB NOORI NIYAZ AHEMAD | 1 Unit II (Ultralowic & Acoustic | Tourse |

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

| | Name of Student | | | #95 |
|--------|----------------------|----------|-------------------------|--------------|
| Sr. No | rame of Student | Roll No. | Assignment Topic | Signature |
| 1. | BAKAL SATVIK | 3201 | Previous Year Questions | Λ σ |
| 2. | BALKI NIKHIL | | Trevious Teal Questions | J. J. Line |
| 7.00 | Control - Involution | 3202 - | Previous Year Questions | _ (D) alful |
| 3. | BANKAR PAYAL | 3203 | Previous Year Questions | Toyal |
| 4. | BRAMHANKAR SHRADDHA | 3204 | Previous Year Questions | Graddry |
| 5. | CHAMARE YUGANDHARA | 3205 | Previous Year Questions | |
| 6. | CHAUDHARI BHUSHAN | 3206 | Previous Year Questions | Commons |
| 7. | DEWAIKAR PRUTHA | 3207 | Previous Year Questions | 5 10 |
| 8. | DEWALE SAKSHI | 3208 | Previous Year Questions | Pendo |
| 9. | DEWANGAN YAMINI | 3209 | Previous Year Questions | Lakhi |
| 10. | DHAMANKAR NAMITA | | | Yamiy, |
| | | 3210 | Previous Year Questions | mar_ |
| 11. | FALE DIPTI | 3211 | Previous Year Questions | Dale |
| 12. | GARGELWAR DIPALI | 3212 | Previous Year Questions | (Depil. |
| 13. | HAJARE ANIKET | 3213 | Previous Year Questions | _ |
| 14. | INGOLE PRATIK | 3214 | Previous Year Questions | Myste |
| 15. | JAISWAL SHEJAL | 3215 | Previous Year Questions | their |
| 16. | JIWTODE SAMIKSHA | 3216 | Previous Year Questions | Fintodo |
| 17. | KARADBHUJE BHAVESH | 3217 | Previous Year Questions | Tharadling |
| 18. | KHADSE SALONI | 3218 | Previous Year Questions | Boxuado |
| 19. | KOYADWAR VAISHNAV | 3219 | Previous Year Questions | Vaishour |
| 20. | KUNGHADKAR SUCHAK | 3220 | Previous Year Questions | tenglisedenz |
| 21. | LODHE NIKITA | 3221 | Previous Year Questions | W. |
| 22. | MADAVI GANESH | 3222 | Previous Year Questions | Emo Javi |
| 23. | MUNGLE ADITI | 3223 | Previous Year Questions | Augh |
| 24. | NIKURE POOJA | 3224 | Previous Year Questions | Carries . |
| 25. | NIRASKAR TEJASHREE | 3225 | Previous Year Questions | E Seskan |

| 26. | RAMTEKE BHAGYASHRI | 3226 | | 10 - C- C |
|-----|--|------|-------------------------|--|
| | SAHU CHANDANI | | Previous Year Questions | Bings |
| 27. | SARKAR PRIYA | 3227 | Previous Year Questions | Osahe |
| 28. | SONULE YASH → | 3228 | Previous Year Questions | Azolas. |
| 29. | SOPANKAR ARJUN | 3229 | Previous Year Questions | Forus X |
| 30. | 17.5 (C. 21) 2 C = C. 10 (24) (15.7 K) | 3230 | Previous Year Questions | Burker |
| 31. | TEMBHURNE SHWETA | 3231 | Previous Year Questions | Quete |
| 32. | UIKEY NANDINI | 3232 | Previous Year Questions | Builbau |
| 33. | WADASKAR MAYURI | 3233 | Previous Year Questions | Oyus |
| 34. | BOBADE HUMANSHU | 3234 | Previous Year Questions | Habank |
| 35. | DATARKAR PRATIK | 3235 | Previous Year Questions | Tracilla |
| 36. | DATARKAR SHREYASH | 3236 | Previous Year Questions | SB Norkor X |
| 37. | GAWANDE NIKHITA | 3237 | Previous Year Questions | - |
| 38. | JUNARKAR PRANAY | 3238 | Previous Year Questions | Rjunoaks- |
| 39. | KAJALIWALE ADARSH | 3239 | Previous Year Questions | - |
| 40. | KHAN NEHABANO | 3240 | Previous Year Questions | W)z |
| 41. | MAKODE SHRAWANI | 3241 | Previous Year Questions | Brock |
| 42. | NAGRALE AADARSH 🚜 | 3242 | Previous Year Questions | Magrick X |
| 43. | OLETIWAR ADITYA | 3243 | Previous Year Questions | (miletion) |
| 44. | PACHARE RAJSHREE | 3244 | Previous Year Questions | Shuee |
| 45. | SONI ANCHAL | 3245 | Previous Year Questions | drawi |
| 16. | TELANG SRUSHTI | 3246 | Previous Year Questions | telans |
| 17. | THAKRE PIYUSH | 3247 | Previous Year Questions | Stulier |
| 48. | UIKEY TUSHAR | 3248 | Previous Year Questions | - trisker Johns |
| 19. | JULME ROHINI | 3001 | Previous Year Questions | Russ |
| 50. | KORKOPPULWAR ABHINAY | 3002 | Previous Year Questions | K. Abhinay |
| 51, | KUMBHARE BHAVIKA | 3003 | Previous Year Questions | Remised, |
| 52. | MAKODE ANUSHRI | 3004 | Previous Year Questions | Sakode |
| 53. | PAUL VINIT | 3005 | Previous Year Questions | - WIN |
| 54. | SARKAR SURAJ | 3006 | Previous Year Questions | W |
| 55. | SEN SHUBHAM | 3007 | Previous Year Questions | District |
| 56. | THAKRE ABHISHEK | 3008 | Previous Year Questions | _ whomas |
| 57. | THENGANE BHARATI | 3009 | Previous Year Questions | @ Othergan |

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| 58. | TOTADE ABHISHEK | 3010 | Previous Year Questions | Date |
|-----|---------------------|----------|---|--|
| 59. | VISHWAKARMA MANSI | 3011 | Previous Year Questions | |
| 60. | YADAV KHUSHBU | 3012 | | _ |
| 51. | SIMRAN JAHAN MD | 3013 | Previous Year Questions | (Baday |
| 52. | ADKINE NIKITA | 3014 | Previous Year Questions | apahan. |
| - | BARAPATRE AMOL | LCB MILL | Previous Year Questions | Houlive |
| 63. | | 3015 | Previous Year Questions | Almagatz. |
| 64. | BAWARE SANKET | 3016 | Previous Year Questions | Blunkert |
| 65. | DETHE YOGINI | 3017 | Previous Year Questions | Ologeni- |
| 66. | DEURKAR JANHAVI | 3018 | Previous Year Questions | Beuros. |
| 67. | DHAKATE PRATIKSHA | 3019 | Previous Year Questions | J'MM'S |
| 68. | DURGE KHUSHI | 3020 | Previous Year Questions | (Raunge |
| 69. | GEDAM AACHAL | 3021 | Previous Year Questions | Med on |
| 70. | GUMMELWAR PRANAY | 3022 | Previous Year Questions | - |
| 71. | JOGI AMISHA | 3023 | Previous Year Questions | (Frankling |
| 72. | LOKHANDE NANDINI | 3024 | Previous Year Questions | @lovious |
| 73. | NIKHADE SONALI | 3025 | Previous Year Questions | Bruli |
| 74. | NIKODE SHUBHANGI | 3026 | Previous Year Questions | 8 suivode |
| 75. | PAUL POOJA | 3027 | Previous Year Questions | P. Paus |
| 76. | RAJURKAR RAHUL | 3028 | Previous Year Questions | - |
| 77. | SHEIKH ZOYA PARVEEN | 3029 | Previous Year Questions | Emil |
| 78. | SHENDE KHUSHI | 3030 | Previous Year Questions | (K)hushi |
| 79. | SHENDE SHRUTI | 3031 | Previous Year Questions | nerve |
| 80. | SHERKI VANSHITA | 3032 | Previous Year Questions | Jeoshoerus |
| 81. | SINGH ANIKET | 3033 | Previous Year Questions | Bigg. |
| 82. | SURPAM RAMESHWARI | 3034 | Previous Year Questions | - Mapon |
| | YADAV DEEPAK | 3035 | Previous Year Questions | 18. V |
| 83. | | 3036 | Previous Year Questions | (Open |
| 84. | ZORE VAISHNAVI | 3101 | Previous Year Questions | The second secon |
| 85. | ADKINE SAMRUDDHI | 3102 | Previous Year Questions | |
| 86, | DURATKAR PRAJAKTA | 3103 | Previous Year Questions | Sunit |
| 87. | HIWARKAR SUMIT | 3104 | Previous Year Questions | |
| 88. | NAITAM KIRAN | 3105 | Previous Year Questions | |
| 89. | NANDAGIRKAR PURVESH | 8.4.55 | The second control of | 77 |

| ROGE SAKSHI | 3106 | T | |
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| SANDOKAR POOTA | | Previous Year Questions | 1_ |
| | 3107 | Previous Year Ouestions | 0 ° |
| SHEIKH MARIYA FATEMA | 3108 | | -11 (31.11.11.11.11.11.11.11.11.11.11.11.11.1 |
| SHIKARDAR SHRUTI | | | |
| THAKUR TANUSUDI | | Previous Year Questions | Shows |
| | 3110 | Previous Year Questions | TJA |
| THERE PAPITA | 3111 | | and the second s |
| WALLUJWAR ROHIT | 277% | | (Wester |
| Control Control Control Control | 3112 | Previous Year Questions | Robits. |
| The state of the s | 3113 | Previous Year Questions | Shueto |
| YADAV POOJA | 3114 | Previous Year Questions | |
| ASUTKAR KARAN | 3115 | | (PHadaV_ |
| BOBADE JAYSHRI | 3116 | Department prepared advances on | Jan - |
| DHOPTE PARAG | 3117 | Personal responsibility and a second | _ |
| GAUTAM SHAILENDRA | 3118 | | Bhallendu |
| GIRADKAR RAHUL # | 3119 | L | |
| | 2120 | | R.B.G rudbers |
| | 50000000 | E | _ |
| KAMDE VEDANTI | 3121 | Previous Year Questions | log- |
| KETAN UMARGUNDAWAR | 3122 | Previous Year Questions | Ofan - |
| KOTKAR SAKSHI | 3123 | Previous Year Questions | - |
| MOHURLE SHRUTI | 3124 | Previous Year Questions | Shruti, |
| NEWALKAR PIYUSH | 3125 | Previous Year Questions | - |
| SINGADE ADITYA | 3126 | Previous Year Questions | _ |
| WAGHMARERASHIK | 3127 | Previous Year Questions | - |
| YADAV RAHUL | 3128 | Previous Year Questions | - |
| | THAKUR TANUSHRI THERE PAPITA WALLUJWAR ROHIT WASEKAR SHWETA YADAV POOJA ASUTKAR KARAN BOBADE JAYSHRI DHOPTE PARAG GAUTAM SHAILENDRA GIRADKAR RAHUL GIRSAWALE RITIK KAMDE VEDANTI KETAN UMARGUNDAWAR KOTKAR SAKSHI MOHURLE SHRUTI NEWALKAR PIYUSH SINGADE ADITYA WAGHMARERASHIK | SANDOKAR POOJA 3107 SHEIKH MARIYA FATEMA 3108 SHIKARDAR SHRUTI 3109 THAKUR TANUSHRI 3110 THERE PAPITA 3111 WALLUJWAR ROHIT 3112 WASEKAR SHWETA 3113 YADAV POOJA 3114 ASUTKAR KARAN 3115 BOBADE JAYSHRI 3116 DHOPTE PARAG 3117 GAUTAM SHAILENDRA 3118 GIRADKAR RAHUL # 3119 GIRSAWALE RITIK 3120 KAMDE VEDANTI 3121 KETAN UMARGUNDAWAR 3122 KOTKAR SAKSHI 3123 MOHURLE SHRUTI 3124 NEWALKAR PIYUSH 3125 SINGADE ADITYA 3126 WAGHMARERASHIK 3128 | SANDOKAR POOJA SHEIKH MARIYA FATEMA SHIKARDAR SHRUTI THAKUR TANUSHRI THERE PAPITA WALLUJWAR ROHIT ASUTKAR KARAN BOBADE JAYSHRI DHOPTE PARAG GRADKAR RAHUL GIRSAWALE RITIK GIRSAWALE RITIK GIRSAWALE RITIK GIRSAWALE RITIK SANDOKAR POOJA ASUTKAR SHRUTI THERE PAPITA 3110 Previous Year Questions Previous Year Questions There is a control of the previous Year Questions Previous Year Questions THERE PAPITA 3111 Previous Year Questions ASUTKAR SHWETA 3113 Previous Year Questions BOBADE JAYSHRI DHOPTE PARAG 3116 Previous Year Questions GRADKAR RAHUL Therefore is a control of the previous Year Questions GRADKAR RAHUL Therefore is a control of the previous Year Questions Therefore is a control of the previous Year Questions GRADKAR RAHUL Therefore is a control of the previous Year Questions Therefor |

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

Sardar Patle Mahavidyalaya, Chandrapur

Department of Physics

B.Sc. III Sem. VI

| Internal Assignment for Exan | Summer 2023 |
|------------------------------|-------------|
|------------------------------|-------------|

| No | Name of Student | Paper - II. | euri (in) |
|-----|--|------------------|--|
| 1 | ADKINE NIKITA RAJENORA | Assignment Topic | Signature |
| 2 | ADKINE SAMRUDDHI HARESH | coult = to | Wallan |
| 3 | AMOL NANDKISHOR BARAPATRE | unit - mr | Chique |
| 4 | ASUTKAR KARAN SHANKAR | Un84 +1V | ABaraspat |
| 5 | BAKAL SATVIK ISHWAR | | Ab |
| 6 | BALKI NIKHIL BANDU | UNIT-1 | appe |
| 7 | BANKAR PAYAL PRAKASH | Unit-I | (FORME) |
| 8 | BAWARE SANKET ASHOK | Unit I | Jaya |
| 9 | BOBADE HUMANSHU HEMANT | Unit-1/2 V | Blunkints |
| 10 | BOBADE JAYSHRI DEVIDAS | UNIF - II | do |
| 11 | BRAMHANKAR SHRADDHA PRAKASH | | Ab - |
| 12 | CHAMARE YUGANDHARA SATISHRAO | Unil - I | Chroddhe |
| 13 | CHAUDHARI BHUSHAN TULSHIDAS | UNI - I | (Madiques |
| 14 | DATARKAR PRATIK ANANDRAO | Unit -I | Orlater |
| 15 | DATARKAR SHREYASH BABAN | Unit-In | Louis . |
| 16 | DETHE YOGINI RAMBHAU | II- Finu. | SRaherer. |
| 17 | DEURKAR JANHAVI MAHADED | DAY UNIT IV | Pargiri |
| 18 | | Unit - IV | sunay. |
| 777 | DEWALKAR PRUTHA SANDIP | Unit - I | Peul. |
| 19 | DEWALE SAKSHI DILIP | UNIT-I | 8akslur |
| 20 | DEWANGAN YAMINI DADURAN | Unifi | Yamiy |
| 21 | DHAKATE PRATIKSHA RAJU | Unit -IV | The same of the sa |
| 22 | DHAMANKAR NAMITA KISHOR | Unit I | Tohnto |
| 23 | DHOPTE PARAG TARACHAND | | 6 dec |
| 14 | DURATKAR PRAJAKTA SHANKAR | unid III | Ab- |
| 25 | DURGE KHUSHI CHARANDAS | unit TV | traju |
| 6 | FALE DIPTI ARUN | Unit I | Bluege |
| 7 | GARGELWAR DIPALI MADHUKAR | 0/ | Feel |
| 8 | GAUTAM SHAILENDRA ROSHANLAL | unit I | conent. |
| 9 | GAWANDE NIKHITA RAJHANS | unit all | Chellend |
| | GEDAM AACHAL UTTAM | unit -IV | Ab |
| | GIRADKAR RAHUL BANDU | Unit -IV | Datas |
| | The state of the s | | Ab - |
| | GIRSAWALE RITIK NILKANTH | | Ab - |
| _ | GUMMELWAR PRANAY PRAKASH | | -Ab- |
| - | HAJARE ANIKET BHIWAJI | - | 76- |
| _ | HIWARKAR SUMIT SHARAD | unt-In | Limbs |
| | INGOLE PRATIK PRAMOD | Unit-I | Rade |
| 1 | JAISWAL SHEJAL SANJAY | unit -I | 0 1) |

| 38 | 30GI AMISHA KIRAN | UNIT - I | 42 +.1. |
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| 39 | JULME ROHINI BALDEO | (Out 10) | Puntode |
| 40 | JUNARKAR PRANAY RAJU | (unit tv) | Zamistre |
| 41 | XAJALIWALE ADARSH GANESH | II - FINU | 20_ |
| 82 | KAMDE VEDANTI RAJENDRA | | Burk |
| 83 | KARADBHUJE BHAVESH HOTIRAM | TIL - LINO | Uknz |
| 30 | KHADSE SALONI SUDHAKAR | UNIT-1 | me. Ole |
| 10 | KHAN NEHABANO ISTAR | II Eag | Edit only |
| 45 | KORKOPPULWAR ABHINAY ASHOK | U-800U | (i) I |
| 17 | KOTKAR SAKSHI SUBHASH | Unil-TV | Her |
| 45 | KOYADWAR VAISHNAV VIJAY | - Al | KAbhino |
| 12 | KUMBHARE BHAVIKA ARVIND | Unit-I | Jaister |
| 50 | KUNGHADKAR SUCHAKBANDU | Unit-IV | al who |
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| 52 | LODHE NIKITA VINOD | 1 - 1 N/1 - 1 | Credita |
| 53 | LOKHANDE NANDINI SUNIL | Urut - TV | Plower |
| 54 | HADAVI GANESH SANJAY | unil - II | (Mradi |
| 555 | MAKODE ANUSHRI VILAS | Unit-IV | areal |
| 56 | MAKODE SHRAWANI ANIL | Duit - II | Luntrals |
| 57 | MOHURLE SHRUTI KHUSHAL | Unit - III | Thrus |
| 53 | MUNGLE ADITI JAIRAJ | UNIT-I | Quel- |
| 59 | NAGRALE AADARSH ROSHAN | - 0411-1 | . 14 |
| 60 | NAITAM KIRAN RAVINDRA | | - A6 - |
| 61 | NANDAGIRKAR PURVESH RAJESH | Unit III | Ploan |
| 52 | NEWALKAR PIYUSH SUNIL | | Ab |
| 63 | NIKHADE SONALI SUDHAKAR | Un91 - 1V | Boali |
| 64 | NIKODE SHUBHANGI SANJAY | Unit | & Suke |
| 65 | NIKURE POOJA SURENDRA | UNIT-I | THE STATE OF THE S |
| 2 66 | NIRASKAR TEJASHREE ARUNRAO | unP4 I | - Aprile |
| 67 | OLETIWAR ADITYA VILASRAO | unit II | (m) elieve |
| 68 | PACHARE RAJSHREE DIPAK | | |
| 69 | PAUL POOJA SHANKAR | etnit - IT | Suce |
| 70 | | Unit - ITL | Dead |
| 71 | PAUL VINIT VINAY | UNIT-TV | Ab |
| 72 | RAJURKAR RAHUL PRABHAKAR | unit av | -Magan |
| - | RAMESHWARI TEJRAM SURPAM | I - Hinu | Burdo |
| 73 | RANTEKE BHAGYASHRI JITENDRA | Unit - | AL |
| 74 | RDGE SAKSHI RAJKUMAR | Jvit-# | |
| 75 | SAHU CHANDANI JAGERAM | unit III | Praha |
| 76 | SANDOKAR POOJA BANDU | | -Pagig |
| 77 | SARKAR PRIYA SAPAN | Jul-I | Porto |
| 78 | SARKAR SURA) SUJAN | Unit-I | Sugar |
| 79 | SEN SHUBHAM BABURAM | Unit. I | Set |
| 80 | SHEIKH MARIYA FATEMA MOHAMMAD SHOYEB | TIME IN | Ab- |
| 81 | SHEIKH ZOYA PARVEEN BABBU | VI-77/NU | (OL) |
| 82 | SHENDE KHUSHI VINOD | Unit-IV | (Bhush |

| 84 | SHERKI VANSHITA RAVINDRA | und -1V | (baheulu) |
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| 85 | SHIKARDAR SHRUTI NARAYAN | | Q ~ t |
| 86 | SIMRAN JAHAN MD.RAHISH | Unit- Til | Share. |
| 87 | SINGADE ADITYA KISHOR | unit-TV | Brann |
| 88 | SINGH ANIKET AJEETKUMAR | - | 4b- |
| 89 | SONI ANCHAL BAIJNATH | unit - IV | Dinglo |
| | SONULE YASH ASHOK | II - TENU | rapen, |
| 90 | | | Ab- |
| 91 | SOPANKAR ARJUN BHIMRAO | UNIT-II | Hoanver |
| 92 | TELANG SRUSHTI CHATURDAS | 11 - 12NO | 40.0 |
| 93 | TEMBHURNE SHWETA SHAILENDRAO | | Pluveter |
| 94 | THAKRE ABHISHEK VAIBHAV | UNIT-IV | avinakee |
| 95 | THAKRE PIYUSH DADAJI | | 3411/004 |
| 96 | THAKUR TANUSHRI RAJENDRA SINGH | 1 mt I | 1200 |
| 97 | THENGANE BHARATI SANJAY | unit TI | 7 W 200 |
| 98 | THERE PAPITA SHANTARAM | vie unit IV | (delenger |
| | CARLOS CONTROL | Unit III | Y-Va. |
| 99 | TOTADE ABHISHEK HARISHCHANDRA | Unit I | Haraston M |
| 100 | UIKEY NANDINI SURENDRA | Unit-II | - Differ |
| 101 | UIKEY TUSHAR MANOHAR | Unit -II | -Tules |
| 102 | UMARGUNDAWAR KETAN FANENDRA | Unit III | (Ban- |
| 103 | VISHWAKARMA MANSI RAMANKUMAR | - | Ab |
| 104 | WADASKAR MAYURI PRABHAKAR | UNIT -IT | Dynes |
| 105 | WAGHMARE PRASHIK BABA | | Ab - |
| 106 | WALLUJWAR ROHIT PITAMBAR | Oni+III | Well - |
| 107 | WASEKAR SHWETA SHRIDHAR | Unit -III | Shunde |
| 108 | YADAV DEEPAK CHHOTELAL | Unit -IV | do. |
| 109 | YADAV KHUSHBU CHANDRADEV | cenit - IV | (leloga) |
| 110 | YADAV POOJA RAMASHANKAR | Unit - M | @ tada v |
| 111 | YADAV RAHUL GANESH | -1 | AB - |
| 0-12 | ZORE VAISHNAVI RAJESH | Unit - WI | (succes |

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 | Curvillour co- ordinate system Physical alres about divergence gradient& curl | Definition of complex number Liquality of complex number Complex algebra | Electronics setticenductor discrete device schracteristic corve and physics of p-n junction) | Electristatics Colount's law Electric field Field lines and their properties Psublems |
| 2 | ANJALI L. BANWADE | Fourier Series defination, Dirichet's condition | Conjugate complex number Connerrical representation of complex number | Schottly dode Turnel diede | Dirac data function and their properties with example Charge distribution |
| 1 | CHETANAS. DHAWAS | Fourier Integral & Fourier Transform | representation of swin, difference, produ- and quintient of complex number | MOS dode BIT | Gauss's law Diffrential from of gauss law Application of gauss law |

| 4 | EHOJEKAR | Convolution theorem Princial's identity | Catchy-Rieman condition Analysic function | JEET MOSFET | Electric potential Linctrontate |
|---|----------------------|---|---|---|---|
| 5 | CHOUDHARI | Elementry ideas about tensors Cartesian tensors | Multiply connected region Cauchy theorem | • UIT • SCR | Poisson and Laplace's equation |
| - | MONALI D. LONBALE | Laplacian of Cartesian tensor. Non-cartesian tensor | Cauchy imegration formula Derivatives Problem | Opto-electronia device (photo- diode, solarcell, LED, LCD, photo transestor) | Decembers value problems Uniqueness theorem |
| 7 | NALINIS. RAUT | Laplacian of Non- curtesian tensor Laplace transform of elementary function | Poles Branch points | Application of semiconductor device in linear and digital circuit. Zener regulated power supply. | Creen's theorem |
| 4 | NIRBHAY V. WANI | Linear vector spaces Linear independent bases | Calculus of Residues - Residues Theorem | Truesistor (Sipolar, MOSFET, JFET) as a amplifier | Method of images Method of separation of variable by cartesian co-cedimates system |
| 9 | RIYA S. TUMRAM | Dimensionality Inner product | Pole expansion of Metomorphic function | Coupling of amplifier stage R-Coupled amplifier | Memod of equation of carable by option of & columns at column |

| 10 | SADAF N. ANSARI | I incor transformation Calcy Hamilton theorm | Product expension of entire function Problem | Feedback in amplifier and ascillator | Multipale expansion |
|-----|----------------------|---|---|---|--|
| 11 | SAKSHI 5. URKUDE | Eigen vectors & cigen value problem | Bisection method | Clipping and Clamping circuits | Bion-Securi law Ampere's law and in differential form with its application |
| 12 | SAMIKSHA R. DONGE | Laplacian of Cartesian tensor, non- cartesian tensor | False position method | Transistor as a switch OR, AND & NOT gate | Vector potential Magnetic field of a localized current distribution |
| -13 | SANDEEP G. RAI | Linear differential oquation | Isteration method | Digital integrated circuit-NAND & NOR gate building black X-OR & X-NOR gate | Magnetic moment Magnetostatic boundary condition Magnetic shielding |
| 14 | SHRUTI R. DHOKE | Laguerre function Hermite Legendre polynomials | Newton-Raphners mathed | Simple combinational circuit - half & full adder Ulip-Flops | I modey's law Maxwell despinoement current |
| 15 | SNEHA P. KAMBLE | Special Ressel's function | Secant method | Multivibrators (using transistor) and Sweep generator (using transistor, ULL & Sci. R.) | Maxwell equation Maxwell equation in matter |

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 | BANGADE | Relation of statistic with spin ortho and parastate 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 | ARHISHEK 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 | Schrödinger 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 specifications, concept of spin-spin and spin-cattice relaxation. | decired the try (qualificative decired and as features |

| 4 | CHAITALEE DANGE | Phase shift and their importance | Honding of common stystal structure with example & their properties in detail | Chemical shift, spin-spin oxupling between two or more nuclei, chemical analysis using NMR | Idea of bard structure, density of states for zero- ane, two- and three- dimensional muterials |
|----|--------------------|---|---|--|---|
| 5 | KOMAL DEOTALE | Relativistic wave equation | Structure factors in solids, short-& long-Range order in liquids & solids, liquid crystal, quasi crystals and glasses | Mosshauer effect-Recoil less emission of gamma rays, elsemical shift, magnetic hyperline 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 & hipolar 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 vicancies, point defects, line defects and stacking faults with different types of defects | LS & JJ coupling, Zeeman. Pasehers 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 atimulated emission. Einstein A & H coefficients, LASERS | Properties of nanomaterials- Mechanical, thermal, electrical |
| 9 | KUSHAL INGALE | Bern 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 | Role of resonant casily, three & four level systems Amino in MASI R. | Carbon Nandstrocures |
| 11 | PRATIMA MANDAL | Linse Independent Perturbation theory | Clausius- Mossetti Equation, piezo, pyro and toxoselectricity | | electrical properties, |

| 12 | PRADNYA MESHRAM | Negative energy state | Quantum state of an electron in an atom, electron spin | He-Ne. Co2 Laser applications | Physical methods: Bottom up-ball milling, mels |
|----|------------------------|---|---|--|---|
| 13 | PRATIK MOHURLE | Solution for hydrogen atom in Dirac's theory | Spectrum of beliam & alkali atom | Dye Laser, diode lasers, Lasers applications | Physical methods: Physical support deposition, ionised cluster beam deposition laser pyrolysis |
| 14 | MECHILOT | 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-Spatter deposition electric are deposition, gas evaporation |
| 15 | NUTAN NIKODE | Fermi Golden Rule | LS & II coupling, inner shell vacancy, X-rays and Auger transitions, chemical shift, Frank- Condon Principle | Quantum theory, indecolar polarizability, intensity afteration in Raman spectra of diatomic molecules | Chemical methods- Hydrothermal combustion, both 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 sample 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 | Polyatemic molecules, symmetric top asymmetric top molecules, hurds rule | toute, Microemulaniii |
| 16 | JASVEER KAUR SANDHU | Spin orbital interaction | Vibrational spectra of diatoric molecule, selection rate | Flectronic spectra of diagonic molecule. Horn expreshence approx | Sol germented, combattion method, we choosed method |

| 19 | AMOL | Normal Zeeman effect and | Raman spectra of diatomic | Vibrational coarse structure | Biological Failding Marks |
|-----|------------------|--|--|---|--|
| *** | SONWANE | Anomalous Zeeman Effect | matlecule, selection rule | of electronic bands, intensity of electronic bonds | Naminatura |
| 20 | KANCHAN YADAV | First order stark effect in the group and first excited state of hydrogen atom | Morse potential energy wave molecules as vibrating rotator, PQR bunches | Franck Condon principle, selection rules, dissociation and pre- dissociation. | Prosein Nanoparticles. DNA double nanowire |
| 21 | SHIVANI ZADE | Variational principle and it's Applications | ESR Spectroscopy. chemical shift | Dissociation energy, rotational floc structure of electronic bands | Nie Nanostructure Micelles, vesiche, maltilayer films |
| 22 | GAYATRI RAGIT | Deuterost in Yokawa potential | NMR Spectroscopy, chemical shift | General treatment of molecular orbitals, Hund's coupling cases | Biological interaction, bilayers, bioelectronics &biosensors |
| | | Birthret | Soldenbole. | punt- | |
| | SIGNATURE | Prof. S. K. Hachche | Pedf. P. S. Ghubde | Prof. P. R. Somme | Prof. P. L. Mishrs |

Note: Submit your assignment on 26th Sept 2022

Dr. Uryaht F. Manik

Head Department of Physics.

Sarstar Patel Mahavidyalaya, Chandrapur