

## Floor Plan highlighting Laboratories

SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE AUTONOMOUS  
SION, MUMBAI 400 022- AQAR 2022-23

### 4.1.1 FLOOR PLAN WITH YEAR OF RENOVATION

| FLOOR                            | LOCATION NAME                        | RENOVATION TYPE               | RENOVATION YEAR |
|----------------------------------|--------------------------------------|-------------------------------|-----------------|
| GROUND                           | COLLEGE OFFICE                       | Civil work, Furniture         | 2017-18         |
|                                  | BOARD ROOM                           | Civil work, Furniture         | 2017-18         |
|                                  | GYMKHANA                             | Civil work, Furniture         | 2021-22         |
|                                  | MEZZANINE STOREROOM                  | Civil work, Furniture         | 2018-19         |
|                                  | <b>CENTRE FOR EXCELLENCE LAB</b>     | Civil work, Furniture         | 2021-22         |
|                                  | IQAC ROOM                            | Furniture                     | 2021-22         |
|                                  | NIRMITI KENDRA(classroom)            | Civil work, Furniture         | 2019-20         |
|                                  | NCC ROOM                             | Civil work, Furniture         | 2019-20         |
|                                  | P S RAMASWAMY AUDITORIUM             | Civil work, Furniture         | 2018-19         |
|                                  | ROOM 2                               | Electrical work & Equipment   | 2019-20         |
|                                  | ROOM 3                               |                               |                 |
|                                  | BOYS RESTROOM                        | Civil work                    | 2018-19         |
|                                  | NON TEACHING REST ROOM               | Civil work                    | 2018-19         |
|                                  | ROOM 4                               |                               |                 |
|                                  | ROOM 5                               |                               |                 |
|                                  | ROOM 6                               |                               |                 |
|                                  | ELEVATOR                             | New Installation              | 2016-17         |
|                                  | COMPOUND WALL                        | Civil work                    | 2019-20         |
|                                  | ROOM 7                               |                               |                 |
|                                  | LADIES RESTROOM                      | Civil work                    | 2018-19         |
|                                  | DARK ROOM                            |                               |                 |
|                                  | DEPARTMENT OF MASS MEDIA             |                               |                 |
|                                  | INSTITUTE OF COMPREHENSIVE EDUCATION |                               |                 |
| DEPARTMENT OF MANAGEMENT STUDIES |                                      |                               |                 |
| EXAMINATION ROOM                 | Civil work, Furniture                | 2017-18                       |                 |
| VICE PRINCIPAL CABINS            | Civil work, Furniture                | 2019-20                       |                 |
| QUADRANGLE                       | Civil work                           | 2019-20                       |                 |
| CANTEEN                          | Civil work, Furniture                | 2021-22                       |                 |
| HERBAL GARDEN                    | Civil work                           | 2019-20                       |                 |
|                                  |                                      |                               |                 |
| FIRST                            | ROOM NO.8( MULTI MEDIA ROOM)         | Electrical work and Equipment | 2019-20         |
|                                  | PHYSICS DEPT JUNIOR                  |                               |                 |
|                                  | MATHEMATICS DEPT                     | Civil work, Furniture         | 2019-20         |
|                                  | ROOM NO.9                            |                               |                 |
|                                  | ROOM NO.10                           |                               |                 |
|                                  | ROOM NO.11                           |                               |                 |
|                                  | ROOM NO.12                           |                               |                 |
|                                  | ROOM NO.13                           |                               |                 |
|                                  | PHYSICS DEPT.                        | Civil work, Furniture         | 2019-20         |
|                                  | <b>PHYSICS LAB 1</b>                 | Civil work, Furniture         | 2019-20         |
|                                  | <b>PHYSICS LAB 2</b>                 | Civil work, Furniture         | 2019-20         |
|                                  | <b>PHYSICS LAB 3</b>                 | Civil work, Furniture         | 2019-20         |
|                                  | <b>PHYSICS PHD LAB</b>               | Civil work, Furniture         | 2019-20         |
| PHD. CENTRE physics (classroom)  | Civil work, Furniture                | 2019-20                       |                 |
| JUNIOR COLLEGE STAFF ROOM        | Civil work, Furniture                | 2021-22                       |                 |



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|        |                                |                       |         |
|--------|--------------------------------|-----------------------|---------|
|        | LADIES RESTROOM                | Civil work            | 2018-19 |
|        | STATISTICS DEPT                | Civil work, Furniture | 2019-20 |
|        | STATISTICS LAB                 | Civil work, Furniture | 2019-20 |
|        | ELECTRONICS LAB JUNIOR         | Civil work, Furniture | 2019-20 |
|        |                                |                       |         |
| SECOND | LIBRARY                        | Civil work, Furniture | 2017-18 |
|        | PRAJNYA VISION                 | Civil work, Furniture | 2017-18 |
|        | LIBRARY- PHD CENTRE HUMANITIES | Carpentary Work       | 2021-22 |
|        | CHEMISTRY DEPT JUNIOR          | Civil work, Furniture | 2017-18 |
|        | CHEMISTRY DEPT                 |                       |         |
|        | BIO-CHEMISTRY DEPT             |                       |         |
|        |                                |                       |         |
|        | CHEMISTRY/BIO CHEMISTRY LAB 1  | Civil work, Furniture | 2017-18 |
|        | CHEMISTRY/BIO CHEMISTRY LAB 2  | Civil work, Furniture | 2017-18 |
|        | CHEMISTRY/BIO CHEMISTRY LAB 3  | Civil work, Furniture | 2017-18 |
|        | PHYSICAL LAB                   | Civil work, Furniture | 2017-18 |
|        | INSTRUMENTATION LAB            | Civil work, Furniture | 2017-18 |
|        | CHEMISTRY RESEARCH LAB         | Carpentry, Equipments | 2021-22 |
|        |                                |                       |         |
| THIRD  | ROOM NO.14                     |                       |         |
|        | ROOM NO.15                     |                       |         |
|        | ACADEMIC STAFF CENTRE          | Civil work, Furniture | 2018-19 |
|        | ROOM NO.16 ( MULTI MEDIA ROOM) |                       |         |
|        | ROOM NO.17                     |                       |         |
|        | ROOM NO.18                     |                       |         |
|        | ROOM NO.19                     |                       |         |
|        | ROOM NO.20                     |                       |         |
|        | ROOM NO.21                     |                       |         |
|        | ROOM NO.22                     |                       |         |
|        | BIOANALYTICAL LAB              | Civil work, Furniture | 2019-20 |
|        | ZOOLOGY DEPT.                  | Civil work, Furniture | 2018-19 |
|        | BOTANY DEPT.                   | Civil work, Furniture | 2018-19 |
|        | ZOOLOGY/BOTANY LAB 1           | Civil work, Furniture | 2018-19 |
|        | ZOOLOGY/BOTANY LAB 2           | Civil work, Furniture | 2018-19 |
|        | ZOOLOGY/BOTANY LAB 3           | Civil work, Furniture | 2018-19 |
|        | ZOOLOGY/BOTANY LAB 4           | Civil work, Furniture | 2018-19 |
|        | ZOOLOGY/BOTANY LAB 5           | Civil work, Furniture | 2018-19 |
|        | Ph.D LAB.                      | Civil work, Furniture | 2018-19 |
|        | BIOLOGY DEPT JUNIOR            | Furniture             | 2018-19 |
|        |                                |                       |         |
| FOURTH | ROOM 24                        |                       |         |
|        | ROOM 25                        |                       |         |
|        | ROOM 26                        |                       |         |
|        | ROOM 27                        | Civil work, Furniture | 2019-20 |
|        | ROOM 28                        |                       |         |
|        | MSc/ LANGUAGE classroom        |                       |         |
|        | ROOM 29(VIRTUAL ROOM)          | Virtual podium        | 2019-20 |
|        | ROOM 30                        |                       |         |
|        | TALLY LAB/ DATA SCIENCE LAB    | Civil work, Furniture | 2019-20 |



|                                 |                       |         |
|---------------------------------|-----------------------|---------|
| ROOM 31                         |                       |         |
| COMPUTER SERVER ROOM            | Civil work, Furniture | 2019-20 |
| COMPUTER DEPT. JUNIOR           | Civil work, Furniture | 2019-20 |
| COMPUTER LAB JUNIOR             | Civil work, Furniture | 2019-20 |
| COUNSELLOR                      | Civil work, Furniture | 2019-20 |
| NSS ROOM                        |                       |         |
| ROOM 32                         |                       |         |
| INFORMATION TECHNOLOGY LAB      | Civil work, Furniture | 2019-20 |
| INFORMATION TECHNOLOGY DEPT     | Civil work, Furniture | 2019-20 |
| MSc. INFORMATION TECHNOLOGY LAB | Civil work, Furniture | 2019-20 |
| MSc. COMPUTER SCIENCE LAB       | Civil work, Furniture | 2019-20 |
| COMPUTER SCIENCE DEPT           | Civil work, Furniture | 2019-20 |
| COMPUTER SCIENCE LAB            | Civil work, Furniture | 2019-20 |
| BOYS RESTROOM                   | Civil work            | 2018-19 |
| BIO CHEMISTRY PHD LAB           | Civil work, Furniture | 2019-20 |
| MICROBIOLOGY DEPT               | Civil work, Furniture | 2019-20 |
| MICROBIOLOGY UG LAB             | Civil work, Furniture | 2019-20 |
| MICROBIOLOGY PG LAB             | Civil work, Furniture | 2019-20 |
| MICROBIOLOGY Ph.D. LAB          | Civil work, Furniture | 2019-20 |
| BIOTECHNOLOGY DEPT.             | Civil work, Furniture | 2019-20 |
| BIOTECHNOLOGY UG LAB            | Civil work, Furniture | 2019-20 |
| BIOTECHNOLOGY PG LAB            | Civil work, Furniture | 2019-20 |
| BIOTECHNOLOGY PH.D. LAB         | Civil work, Furniture | 2019-20 |
| BIOTECHNOLOGY MSc. classroom    |                       |         |




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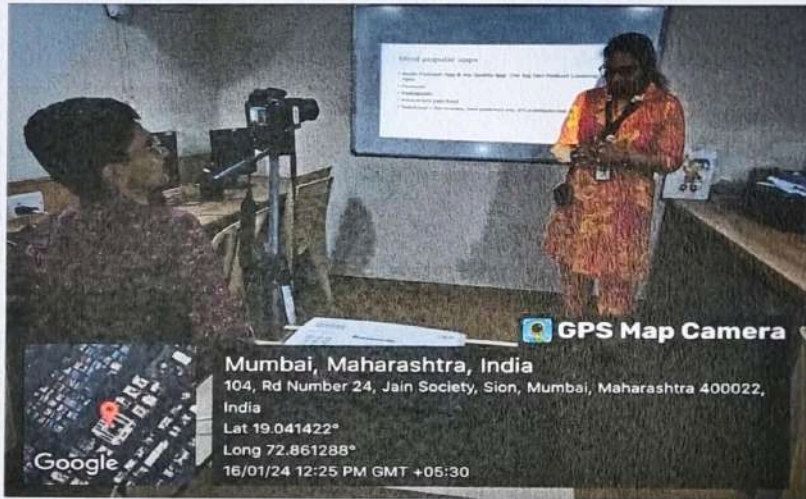
PHYSICS LAB



  
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**CENTRE FOR EXCELLENCE (COE) LABS**



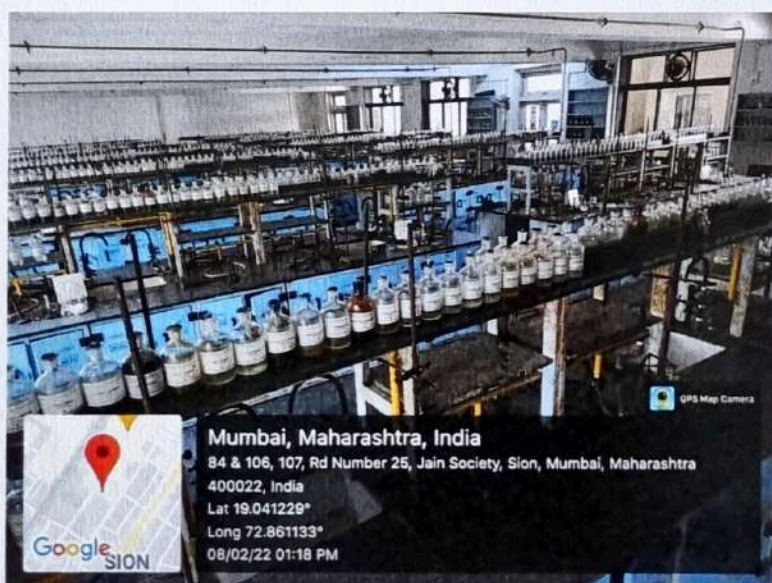
RECORDING FACILITY AVAILABLE SINCE 2022-23



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CHEMISTRY LAB

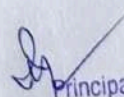


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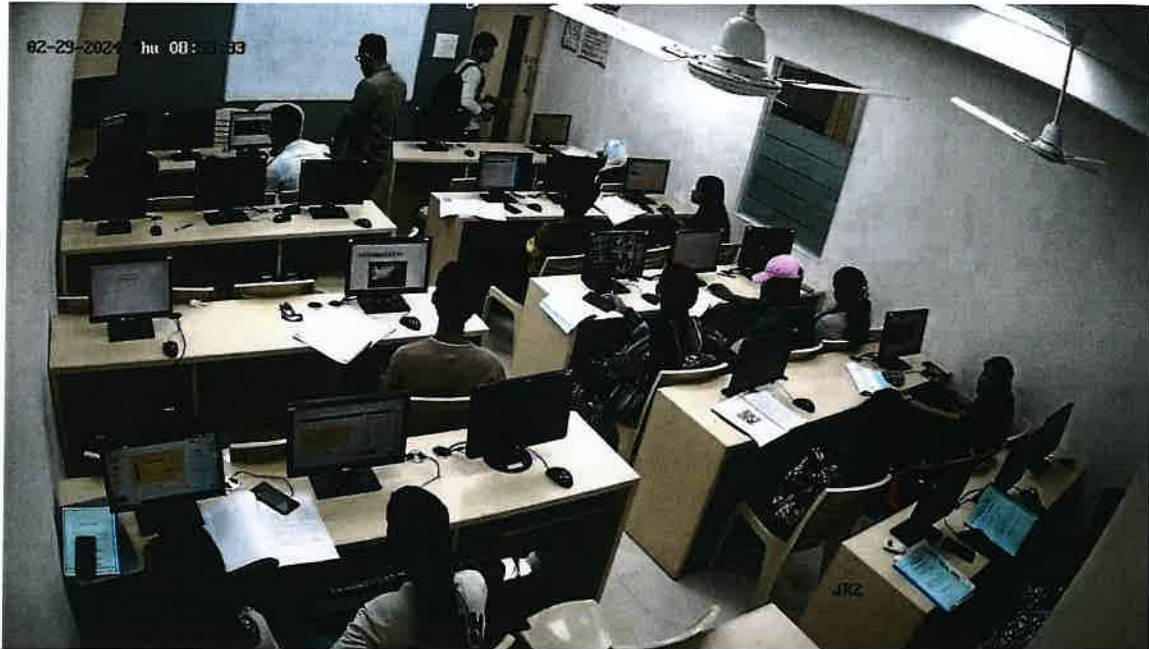
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BIOLOGY LAB



  
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Junior La- LAB No 5 – Screenshot from server room



Data Science Lab- Screenshot from server room



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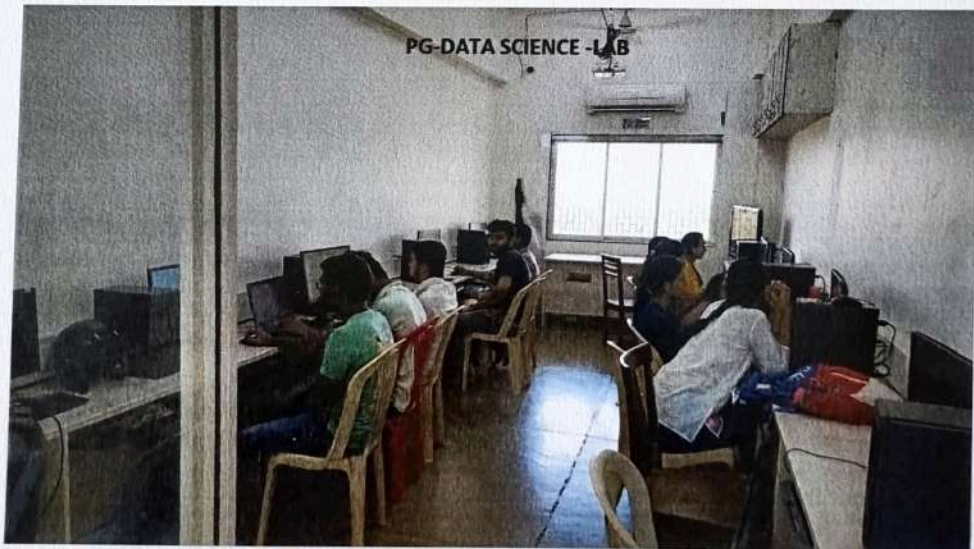
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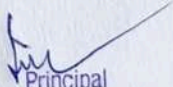
BIOANALYTICAL SCIENCES LAB



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LABORATORIES

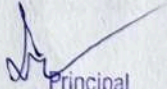


  
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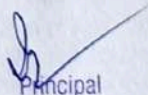
UG – COMPUTER SCIENCE LAB NO. 01



  
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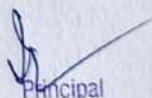


  
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UG-IT-LAB-NO. 04



  
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MSC IT LAB- Lab No 3 - Screenshot from server room



MSC CS LAB- Lab no- 2 - Screenshot from server room

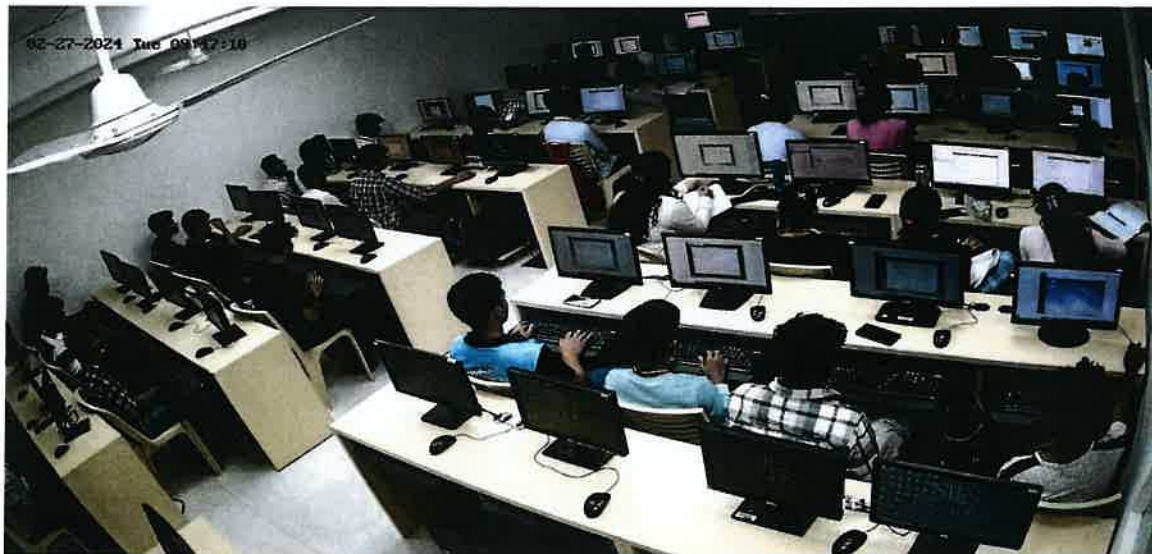


  
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CS LAB- Lab no 1- Screenshot from server room.



IT LAB- Lab no 4 - Screenshot from server room.



  
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**Department of Bioanalytical Sciences**  
**List of Instruments- Academic Year (2022-2023)**

| Sr. No. | Instrument  | Brand              | Quantity |
|---------|---|--------------------|----------|
| 1       | Gas Chromatography                                | Shimadzu           | 1        |
| 2       | HPTLC   | CAMAG              | 1        |
| 5       | Hardness tester                                   | Veego              | 1        |
| 6       | Friability  | Veego              | 1        |
| 7       | Compound Microscope                               | Micron             | 10       |
| 8       | Disintegration                                    | Veego              | 1        |
| 9       | Dissolution                                       | Veego              | 1        |
| 10      | Centrifuge  | REMI               | 1        |
| 11      | Ultrasonicator                                    | Labline            | 1        |
| 12      | Analytical Weighing Balance                       | Shimadzu           | 1        |
| 13      | Analytical Weighing Balance                       | Contech            | 1        |
| 14      | Hot water bath                                    | Labline            | 1        |
| 15      | B.O.D Incubator                                   | Bio-Technics India | 1        |
| 16      | Hot air oven                                      | Bio-Technics India | 1        |
| 17      | Cyclomixer  | REMI               | 2        |
| 18      | pH meter  | Equiptronics       | 2        |
| 19      | Colorimeter                                       | Equiptronics       | 2        |
| 20      | Electrophoresis unit (Vertical) with power pack   | Technocraft        | 2        |
| 21      | Electrophoresis unit (Horizontal) with power pack | Technocraft        | 2        |
| 22      | Hot plate with magnetic stirrer                   | Labline            | 1        |

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**SIES COLLEGE OF ARTS, SCIENCE AND COMMERCE (AUTONOMOUS), SION WEST**

**Department of Biotechnology**

List of Instruments as of 2022-23


| <b>Sr.No.</b> | <b>List of Instrument</b>       | <b>Numbers</b> |
|---------------|---------------------------------|----------------|
| 1             | Cold Centrifuge                 | 1              |
| 2             | Incubator                       | 2              |
| 3             | Refrigerator                    | 6              |
| 4             | Autoclave                       | 3              |
| 5             | Heating Mantle                  | 3              |
| 6             | Magnetic Stirrer                | 4              |
| 7             | Shaker water bath               | 3              |
| 8             | Microscope                      | 31             |
| 9             | Electrophoresis Unit Horizontal | 04             |
| 10            | Electrophoresis Unit Vertical   | 11             |
| 11            | Power pack                      | 09             |
| 12            | Mixer                           | 2              |
| 13            | Rotor                           | 01             |
| 14            | Lux meter                       | 1              |
| 15            | Photoperiodic timer             | 1              |
| 16            | Soxhlet                         | 2              |
| 18            | Computer                        | 7              |
| 19            | Heating Block                   | 1              |
| 20            | PCR                             | 1              |
| 21            | Sonicator                       | 2              |
| 22            | Anaerobic Jar                   | 1              |
| 23            | Colorimeter                     | 9              |
| 24            | BOD Incubator                   | 1              |
| 25            | Spectrophotometer               | 1              |
| 26            | USB camera for Microscopes      | 1              |
| 27            | Inverted Microscope             | 1              |
| 28            | Micropipette                    | 23             |
| 29            | Printer                         | 02             |
| 30            | Laminar flow                    | 01             |
| 31            | Air Conditioner                 | 11             |

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|    |                      |    |
|----|----------------------|----|
| 32 | Water bath           | 01 |
| 33 | Nanoblot             | 02 |
| 34 | Laptop               | 01 |
| 35 | pH Meter             | 02 |
| 36 | Projector            | 01 |
| 37 | LCD                  | 01 |
| 38 | Distillation Unit    | 02 |
| 39 | Single Pan Balance   | 03 |
| 40 | Desiccator           | 02 |
| 41 | Vortex               | 01 |
| 42 | Micro oven           | 01 |
| 43 | Centrifuge           | 03 |
| 44 | Oven                 | 03 |
| 45 | Vacuum pump          | 01 |
| 46 | Fixed Volume pipette | 06 |
| 47 | UV Transilluminator  | 01 |

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| Sr.No. | List of Instrument                 | Numbers |
|--------|------------------------------------|---------|
| 1      | Cold Centrifuge                    | 1       |
| 2      | Incubator                          | 2       |
| 3      | Refrigerator                       | 4       |
| 4      | Autoclave                          | 3       |
| 5      | Heating Mantle                     | 3       |
| 6      | Magnetic Stirrer                   | 3       |
| 7      | Shaker water bath                  | 3       |
| 8      | Microscope                         | 50      |
| 9      | Electrophoresis Unit<br>Horizontal | 10      |
| 10     | Electrophoresis Unit Vertical      | 10      |
| 11     | Power pack                         | 4       |
| 12     | Mixer                              | 2       |
| 13     | Microfuge                          | 1       |
| 14     | Lux meter                          | 1       |
| 15     | Photoperiodic timer                | 1       |
| 16     | Soxhlet                            | 1       |
| 18     | Computer                           | 5       |
| 19     | Heating Block                      | 3       |
| 20     | PCR                                | 1       |
| 21     | Sonicator                          | 2       |
| 22     | Anaerobic Jar                      | 1       |
| 23     | Colorimeter                        | 6       |
| 24     | BOD Incubator                      | 1       |
| 25     | Spectrophotometer                  | 1       |
| 26     | USB camera for Microscopes         | 1       |
| 27     | Inverted Microscope                | 1       |
| 28     | Micropipette                       | 25      |

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**SIES COLLEGE OF ARTS, SCIENCE & COMMERCE**

**SION (WEST), MUMBAI 400 022. (AUTONOMOUS)**

**PHYSICS DEPARTMENT**

**List of Laboratory Equipment : 2022-23**

**Lab-1 : Degree Lab**

| Sr. No.        | Name of the Articles | Working condition | Damaged | Total | Remark |
|----------------|----------------------|-------------------|---------|-------|--------|
| 1.             | Ammeter              |                   |         |       |        |
|                | 0- 1A (DC)           | 6                 |         | 6     |        |
|                | 0- 5A                | 9                 |         | 9     |        |
| 2.             | Milliammeter         |                   |         |       |        |
|                | i) 0- 1 mA           | 3                 |         | 3     |        |
|                | ii) 0- 10 mA         | 3                 |         | 3     |        |
|                | iii) 0- 20 mA        | 6                 |         | 6     |        |
|                | iv) 0- 25 mA         | 6                 |         | 6     |        |
|                | v) 0- 100 mA         | 8                 |         | 8     |        |
|                | vi) 0- 250 mA        | 1                 |         | 1     |        |
| vii) 0- 500 mA | 1                    |                   | 1       |       |        |
| 3.             | AC Milliammeter      |                   |         |       |        |
|                | 0- 25mA              | 2                 |         | 2     |        |
|                | 0- 100 mA            | 1                 |         | 1     |        |
|                | 0- 500 mA            | 2                 |         | 2     |        |
| 4.             | Micro ammeter        |                   |         |       |        |
|                | 0- 50 $\mu$ A        | 2                 |         | 2     |        |

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|    |                        |    |  |    |  |
|----|------------------------|----|--|----|--|
|    | 0 - 500 $\mu$ A        | 3  |  | 3  |  |
|    | 0 - 100 $\mu$          | 8  |  | 8  |  |
| 5. | Voltmeter              |    |  |    |  |
|    | 0 - 5V                 | 4  |  | 4  |  |
|    | 0 - 10V                | 3  |  | 3  |  |
|    | 0 - 15V                | 10 |  | 10 |  |
|    | 0 - 30V                | 15 |  | 15 |  |
|    | 0 - 250V(AC-<br>Round) | 2  |  | 2  |  |
| 6. | AC Voltmeter           |    |  |    |  |
|    | 0 - 30V(AC-<br>2Round) | 10 |  | 10 |  |
| 7. | Galvanometer           |    |  |    |  |
|    | 25 - 0 - 25            | 3  |  | 3  |  |
|    | 30 - 0 - 30            | 5  |  | 5  |  |
|    | 50 - 0 - 50            | 5  |  | 5  |  |
| 8. | Power supply           |    |  |    |  |
|    | 2V + 4V                | 4  |  | 4  |  |
|    | 0 - 5 V(Fix)           | 8  |  | 8  |  |
|    | 0 - 5V (variable)      | 1  |  | 1  |  |
|    | 0 - 15V(Variable)      | 5  |  | 5  |  |
|    | 0 - 24V (Fix)          | 4  |  | 4  |  |
|    | 0 - 30V                | 10 |  | 10 |  |

|     |                         |    |   |    |  |
|-----|-------------------------|----|---|----|--|
| 9.  | Dual Power supply       |    |   |    |  |
|     | +12V - 12V              | 12 |   | 12 |  |
|     | +15V - 15V              | 4  |   | 4  |  |
| 10. | Constant current Supply |    |   |    |  |
|     | 0 - 10mA                | 4  |   | 4  |  |
|     | 0 - 30 mA               | 0  | 1 | 1  |  |
|     | 0- 50 mA                | 1  |   | 1  |  |
| 11. | AC/DC Supply            |    |   |    |  |
|     | Desai supply            | 6  |   | 6  |  |

Lab-2 : M.Sc. Lab

| Sr. No. | Name of the articles     | Working condition | Damaged | Total  |
|---------|--------------------------|-------------------|---------|--------|
| 1.      | CRO                      | 5                 | 6       | 11     |
| 2.      | Function generator       | 3                 |         | 3      |
| 3.      | Resistance box<br>10000Ω | 3                 |         | 3      |
| 4.      | Power supply             |                   |         |        |
|         | Dual supply ( ± 15V)     | 4                 | 1       | 5      |
|         | Desai supply             | 2                 |         | 2      |
|         | ABCD supply<br>15V       | 1<br>2            |         | 1<br>2 |

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|     |   |    |   |    |
|-----|---|----|---|----|
|     | 5V  | 1  | 1 | 2  |
|     | 30V Power Supply+ Universal DC }<br>Dual supply | 0  | 2 | 2  |
| 5.  | Induction coil                                  | 1  |   | 1  |
| 6.  | Ammeter 0 – 10A                                 | 1  |   | 1  |
| 7.  | Milliammeter                                    |    |   |    |
|     | 0 – 5mA   | 1  |   | 1  |
|     | 0 – 10mA  | 5  |   | 5  |
|     | 0 – 20mA  | 1  |   | 1  |
|     | 0 – 25mA  | 5  |   | 5  |
|     | 0 – 100mA                                       | 4  |   | 4  |
|     | 0 – 250mA                                       | 0  | 1 | 1  |
| 8.  | Microammeter                                    |    |   |    |
|     | 0 - 50 $\mu$ A                                  | 2  |   | 2  |
|     | 0 - 100 $\mu$ A                                 | 3  |   | 3  |
| 9.  | Voltmeter                                       |    |   |    |
|     | 0 – 15V   | 2  |   | 2  |
|     | 0 – 30V   | 2  |   | 2  |
|     | 0 – 250V(Round)                                 | 1  |   | 1  |
| 10. | Bread Board                                     |    |   |    |
|     | Small   | 5  |   | 5  |
|     | Medium  | 26 |   | 26 |
|     | Big size  | 3  |   | 3  |

|     |                        |    |  |    |
|-----|------------------------|----|--|----|
| 11. | Hall Effect Expt.      |    |  |    |
|     | Big                    | 1  |  | 1  |
|     | Small                  | 2  |  | 2  |
| 12. | Michelson Expt.        | 2  |  | 2  |
| 13. | Electromagnetic supply | 2  |  | 2  |
| 14. | Optical Bench          | 1  |  | 1  |
| 15. | Computer               | 12 |  | 12 |

Lab-3 : F.Y.B.Sc. Lab

| Sr. No. | Name of the articles   | Working condition | Damaged | Total         |
|---------|--|-------------------|---------|---------------|
| 1.      | Ammeter<br>0 - 1 A (L.C. 0.02 A)   | 5                 | -       | 5             |
| 2.      | Milliammeter<br>0 - 10mA (L.C. 0.2 mA, 1 of 0.1 mA)<br>0 - 20mA (L.C. 0.5 mA)<br>0 - 25mA (L.C. 0.5 mA)<br>(1 of L.C. 0.25 mA) | 5<br>10<br>12     |         | 5<br>10<br>12 |
| 3.      | Microammeter<br>0 - 100 $\mu$ A (4 of L.C. 2 $\mu$ A & 1 of L.C. of 1 $\mu$ A)<br>0 - 200 $\mu$ A (L.C. 4 $\mu$ A)             | 5<br>1            | 0<br>-  | 5<br>1        |



|    |  |    |   |    |
|----|--|----|---|----|
|    | 0 - 50 $\mu$ A                                 | 1  |   | 1  |
| 4. | Voltmeter                                      |    |   |    |
|    | 0 - 10V (L.C. 0.2 V)                           | 6  | 0 | 6  |
|    | 0 - 15V (4 of L.C. 0.2 V & rest of L.C. 0.5 V) | 17 | - | 17 |
|    | 0 - 30V (L.C. 1V)                              | 2  | - | 2  |
| 5. | AC milliammeter                                |    |   |    |
|    | 0 - 10mA. (L.C. 0.5 mA)                        | 6  | - | 6  |
|    | 0 - 20mA. (L.C. 0.5 mA)                        | 5  | - | 5  |
|    | 0 - 30mA. (L.C. 0.5 mA)                        | 5  | - | 5  |
|    | 0 - 25mA (L.C. 0.25 mA)                        | 2  | - | 2  |
| 6. | AC Voltmeter                                   |    |   |    |
|    | 0 - 30V (L.C. 0.5V)                            | 16 | - | 16 |
| 7. | Power supply DC                                |    |   |    |
|    | 0-5 V  | 3  | - | 3  |
|    | 0 - 30V  | 3  | 5 | 8  |
|    | Bridge Rectifier- AC/DC<br>2.5 A 24V           | 3  |   | 3  |
|    | 0-15V  | 2  | - | 2  |
|    | 2/4V   | 4  | - | 4  |
|    | 0-2V   | 1  | - | 1  |
| 8. | AC Power supply                                |    |   |    |
|    | 0 - 30V  | 11 | 4 | 15 |

  
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|     |                       |    |    |    |
|-----|-----------------------|----|----|----|
|     | 0 - 24V               | 1  | 2  | 3  |
| 9.  | Telescope             | 11 | -  | 11 |
| 10. | Travelling Microscope | 6  | -  | 6  |
| 11. | Spectrometer          | 12 | -  | 12 |
| 12. | Tube light Small      | 5  | 1  | 6  |
| 13. | ABCD supply           | 8  | 10 | 18 |

**Research Lab :**

| SR. NO. | Name of the Instrument                               | Quantity |
|---------|--|----------|
| 1       | UV visible spectrometer (Equiptronics)               | 1        |
| 2       | Electronic Weighing Machine (Mettler Toledo)         | 1        |
| 3       | 3 zone furnace                                       | 1        |
| 4       | Muffle furnace (Ganesh scientific instruments)       | 1        |
| 5       | Vacuum Pump (waves 2 stage pumps)                    | 2        |
| 6       | Electrochemical Impedance Analyser ( CH instruments) | 1        |
| 7       | Vacuum Desiccator                                    | 1        |
| 8       | Ultra-Sonicator 2.5 litre (LabMan)                   | 1        |
| 9       | Electrode polishing kit ( CH instruments)            | 1        |
| 10      | G.M. Counter (Para electronics)                      | 1        |
| 11      | Four Probe apparatus (SEC instruments Pvt ltd)       | 1        |
| 12      | DSO (digital storage oscilloscope)                   | 1        |
| 13      | Lock-in amplifier (Ajay sensors and instruments)     | 1        |
| 14      | Vacuum sealing Machine                               | 1        |

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DEPARTMENT OF ZOOLOGY

CAPITAL PURCHASED LIST OF EQUIPMENTS UG + PG 2018 to 2023 (March)

| SR. No. | Name Of the Instrument                                    | Brand Model              | Section for which purchased | Quantity in stock | Pur Ac. Year | Total |
|---------|---|--------------------------|-----------------------------|-------------------|--------------|-------|
| 1       | Binocular   | Olympus                  | UG                          | 1                 | 2018-19      | 1     |
| 2       | Colorimeter   | EQ650A                   | UG                          | 3                 | 2018-19      | 5     |
|         |   | EQ650A                   | PG                          | 2                 | 2019-20      |       |
| 3       | Conductivity meter  | EQ664A                   | PG                          | 2                 | 2019-20      | 2     |
| 4       | DAPS  | Borosil                  | PG                          | 1                 | 2018-19      | 1     |
| 5       | Deep freezer  | Bluestar 150 ltr         | PG                          | 1                 | 2018-19      | 1     |
| 6       | Haemocytometer  | Neubar chamber           | UG                          | 12                | 2018-19      | 24    |
|         |   | Neubar chamber           | PG                          | 12                | 2018-19      |       |
| 7       | Haemometer  | Aqra                     | UG                          | 12                | 2018-19      | 12    |
| 8       | Induction cooktop   | Prestige PIC 3.1V3       | UG                          | 1                 | 2018-19      | 1     |
| 9       | Laboratory Trolley  | S.S Oswal                | UG                          | 2                 | 2018-19      | 4     |
|         |   | S.S Oswal                | UG                          | 2                 | 2019-20      |       |
| 10      | Microscope Compound                                       | Micron KG-5              | UG                          | 5                 | 2018-19      | 20    |
|         |   | Micron KG-5              | PG                          | 5                 | 2018-19      |       |
|         |   | Micron KG-6              | UG                          | 10                | 2019-20      |       |
| 11      | Microscope research                                       | Vision 2000              | PG                          | 1                 | 2018-19      | 1     |
| 12      | Paraffin Wax Bath   | Local                    | PG                          | 1                 | 2022-23      | 1     |
| 13      | Printer   | Epson L3110              | UG                          | 1                 | 2018-19      | 1     |
| 14      | PH meter digital  | EQ614A                   | UG                          | 3                 | 2018-19      | 5     |
|         |   | EQ614A                   | PG                          | 2                 | 2019-20      |       |
| 15      | Refractometer   | Erma 0-100               | UG                          | 4                 | 2018-19      | 4     |
| 16      | Refrigerator  | LG GLC302KDSY            | UG                          | 1                 | 2018-19      | 3     |
|         |   | Whirlpool Ref NeoDF278PR | UG                          | 1                 | 2022-23      |       |
|         |   | LG REFGLN292D            | UG                          | 1                 | 2022-23      |       |
| 17      | Step up ladder  | Local                    | UG                          | 1                 | 2018-19      | 5     |
|         |   | Local                    | UG                          | 4                 | 2019-20      |       |
| 18      | UV Transilluminator with diffusing UV window (20 x 20 cm) | Technocraft              | UG                          | 1                 | 2022-23      | 1     |
| 19      | Water bath digital  | Fully SS 12 hole         | PG                          | 1                 | 2018-19      | 1     |

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