

| | |
|---|---|
|  | <p align="center">GANDHI NATHA RANGJI HOMOEOPATHIC MEDICAL COLLEGE & HOSPITAL, SOLAPUR 13, Budhwar Peth Jain Boarding Campus, Balives, Solapur-413002. Phone College:- [0217] 2624900/01 Prathisthan:- [0217]2324187 Fax No.[0217] 2624900 E-mail:- gnrhmc09@gmail.com Dr.PATIL SHRIDHAR P.[MD (Hom.)] MR. SANJAY S. GANDHI Principal President</p> |
|---|---|

DEPARTMENT OF PHARMACY

EQUIPMENT PROVIDED

| Details of Home/Equipment etc available as per Shedule -III of HCC (MSR) Regulations,2024. | | | |
|--|---|-----------------|------------------|
| 1 | <u>Requirement in Museum</u> | | |
| A. | Pharmacopeias (All volumes) | | |
| Sr.No | Items | Required | Available |
| a. | Homoeopathic pharmacopeia of India | 01 | Available |
| b. | German homoeopathic pharmacopeia | 01 | Available |
| c. | Homoeopathic pharmacopoeia of united states | 01 | Available |
| d. | British homoeopathic pharmacopoeia | 01 | Available |
| B. | Catalogue stating pharmacological action, general characteristics and clinical indications of the specimen: | 2 copies | Available |
| C. | Journals on practical or clinical record or herbarium shall be maintained | | Available |
| D. | Copy of the alcohol or spirit license or permission and utilisation register duly attested by H.O.D. shall be maintained. | | Available |
| E. | Visit to Homoeopathic pharmacopoeia laboratory or a large- scale manufacturing unit of homoeopathic medicines having Good Manufacturing Practices compliance and approved by Government authority | | Available |
| 2. | List of Equipment for Pharmacy department | | |
| S. No | Items | Required | Available |
| 2.1. | Pill tiles | 30 | 40 |
| 2.2. | Porcelain dishes | 30 | 56 |
| 2.3. | Crucibles with tongs | 30 | 30 |
| 2.4. | Silica crucibles | 02 | 03 |
| 2.5. | Pestles and mortars (iron, glass, porcelain) | 1+1+30 | 01 |
| 2.6. | Water bath, metal or electric | 30 | 34 |
| 2.7. | Microscope (student type) | 05 | 05 |

| | | | |
|-------|--|-------------|-----------|
| 2.8. | Thin layer chromatography apparatus including UV chamber | 1 | 01 |
| 2.9. | Ph meter | 2 | 02 |
| 2.10. | Stop watch | 25 | 25 |
| 2.11. | Hydrometer | 5 | 05 |
| 2.12. | Alcoholometer | 5 | 05 |
| 2.13. | Pycnometer | 10 | 10 |
| 2.14. | Water still (distilled water plant) | 1 | 01 |
| 2.15. | Percolator | 5 | 05 |
| 2.16. | Macerator | 5 | 05 |
| 2.17. | Botanical slides | 10 | 10 |
| 2.18. | Colorimeter | 01 | 01 |
| 2.19. | Spectro scope | 01 | 01 |
| 2.20. | Manual/mechanical/Electric potentiometer | 2/01/01 | Available |
| 2.21. | Electric triturator | 2 | 2 |
| 2.22. | Dissecting microscope | 02 | 08 |
| 2.23. | Distillation apparatus (glass) | 1 set | 01 |
| 2.24. | Hot air oven | 01 | 01 |
| 2.25. | Electronic balance | 10 | 11 |
| 2.26. | Physical balance | 01 | 02 |
| 2.27. | Measuring glasses | | |
| | Glass beaker (100 ml, 250 ml, 500 ml, 1000 ml) | 05 each | 5 |
| | Volumetric flask (250 ml, 500 ml, 1000 ml) | 05 each | 5 |
| | Measuring cylinder (10 ml, 50 ml, 100 ml, 500 ml, 1000 ml) | 30 each | 30 |
| | Test tubes (8 ml, 10 ml, 12 ml) with holder | 30 each | 33 |
| | Watch glass | As required | 13 |
| | Graduated pipette (1 ml, 10 ml) | As required | 20 |
| 2.28. | Glass retort | 02 | 02 |
| 2.29. | Bunsen burner with gas connection | 05 | 05 |
| 2.30. | Miscellaneous | | |
| a) | Chemicals | | |
| | Ammonium chloride | As Required | Available |
| | Ammonium oxalate | As Required | Available |
| | Barium chloride | As Required | Available |
| | Calcium carbide | As Required | Available |

| | | | |
|--------------|---|-------------|-----------|
| | Calcium carbonate | As Required | Available |
| | Copper sulphat | As Required | Available |
| | Hydrochloric acid | As Required | Available |
| | Iodine | As Required | Available |
| | Nessler's reagent | As Required | Available |
| | Nitric acid | As Required | Available |
| | Potassium ferro cyanide | As Required | Available |
| | Salicylic acid | As Required | Available |
| | Silver nitrite | As Required | Available |
| | Sodium hydroxide | As Required | Available |
| | Sodium chloride | As Required | Available |
| | Sulphur | As Required | Available |
| | Sulphuric acid | As Required | Available |
| | Borax | As Required | Available |
| b) | Drugs (samples prepared by students) | | |
| i. | Mother tinctures: | | |
| | Arnica montana | 05 each | 05 |
| | Calendula officinalis | 05 each | 05 |
| | Cantharis | 05 each | 05 |
| | Echinacea angustifolia | 05 each | 05 |
| | Euphrasia officinalis | 05 each | 05 |
| | Hydroskis canadensis | 05 each | 05 |
| | Rhus toxicodendron | 05 each | 05 |
| | Ruta graveolens | 05 each | 05 |
| | Mullein oil | 05 each | 05 |
| ii. | Potentized medicines Common polychrest medicines in various potencies and scales. | | |
| c) | Vehicles | | |
| i. | Lactose (pharmaceutical grade) | As required | Available |
| ii. | Globules (number 10,20, 30, 40) | As required | Available |
| iii. | Blank tablets (1gr, 3 gr and 5 gr) | As required | Available |
| iv. | Distilled water | As required | Available |
| v. | Strong alcohol | As required | Available |
| vi. | Dispensing alcohol | As required | Available |
| vii. | Dilute alcohol | As required | Available |
| viii. | Rectified spirit (60op) | As required | Available |
| ix. | Glycerine | As required | Available |

| | | | |
|-------|--|--------------------------|-----------|
| x. | Olive oil | As required | Available |
| xi. | White petroleum jelly | As required | Available |
| xii. | Lanolin | As required | Available |
| xiii. | Wax | As required | Available |
| 2.31. | Glass phials | As required | Available |
| 2.32. | Glass bottles (15 ml,30 ml, 60 ml, 100ml) | As required | Available |
| 2.33. | Glass rods | As required | Available |
| 2.34. | Glass funnels | As required | Available |
| 2.35. | Filter paper (Whatman grade 1, pack of 100). Normal filter paper | As required | Available |
| | (pack of 100) Litmus paper (blue) | | Available |
| 2.36. | Ointment slab | 45 | 50 |
| 2.37. | Gas apparatus for filtration with vacuum | 02 | 03 |
| 2.38. | Chopping board | 25 | 26 |
| 2.39. | Chopping knife | 25 | 26 |
| 2.40. | Spatula (horn, stainless steel) | 25 | 28 |
| 2.41. | Burette | 5 | 06 |
| 2.42. | Press | 2 | 02 |
| 2.43. | Sieve (no. 10,22,44,60, 85,120) | 2 each | 2 each |
| 2.44. | Thermometer | 2 | 2 |
| 2.45. | Graduated conical glass (10,50,100ml) | 15 | 15 |
| 2.46. | Wire gauze | 5 | 5 |
| 2.47. | Tripod stand | 5 | 5 |
| 2.48. | Porcelain bowl | 25 | 25 |
| 2.49. | Lactometer | 10 | 10 |
| 3. | Chart or digital display or standee or photo panel | | |
| S. No | Items | Available /Not Available | |
| 3.1. | Homoeopathic pharmacopoeia(all volumes) | Available | |
| 3.2. | Sources of drugs | Available | |
| 3.3. | Homoeopathic Pharmaceutical Codex | Available | |
| 3.4. | Standardisation of drugs – organoleptic evaluation | Available | |
| 3.5. | Standardisation of drugs – microscopic evaluation | Available | |
| 3.6. | Standardisation of drugs – physical evaluation | Available | |
| 3.7. | Standardisation of drugs – chemical evaluation | Available | |
| 3.8. | Standardisation of drugs – biological evaluation | Available | |
| 3.9. | Preservation of drugs and potencies | Available | |

| | | | |
|-------|--|-------------------------|-------------------------|
| 3.10. | Vehicle – solid vehicle | Available | |
| 3.11. | Vehicle – liquid vehicle | Available | |
| 3.12. | Vehicle – semi solid vehicle | Available | |
| 3.13. | Preparation of homoeopathic drugs – Hahnemannian method | Available | |
| 3.14. | Preparation of homoeopathic drugs – new method | Available | |
| 3.15. | Scales of potentisation | Available | |
| 3.16. | Methods of potentisation | Available | |
| 3.17. | Principles of posology | Available | |
| 3.18. | Prescription writing | Available | |
| 3.19. | Pharmaconomy | Available | |
| 3.20. | Various types of external applications | Available | |
| 3.21. | Hahnemannian drug proving | Available | |
| 3.22. | Homoeopathic pathogenetic trial | Available | |
| 3.23. | Phytoconstituents | Available | |
| 3.24. | Homoeopathic pharmacy acts and rules | Available | |
| 3.25. | Various types of drug actions | Available | |
| 3.26. | Indian medicines and their local names | Available | |
| 3.27. | Charts are to be prepared by the students and record to be maintained in A4 size sheet also. | | |
| 4. | Herbarium | | |
| 5.1. | Vegetable kingdom | 42 | |
| 5.2. | Animal kingdom | 07 | |
| 5.3. | Mineral kingdom | Available | |
| 5.4. | Nosodes | Available | |
| 5.5. | Sarcodes | Available | |
| 5.6. | Imponderabilia | Available | |
| 5.7. | Synthetic sources | Available | |
| 6. | Models | Available/Not Available | |
| 6.1. | Potentiser | Available | |
| 6.2. | Triturator | Available | |
| 6.3. | Globule making pan | Available | |
| 7. | Total number of specimens | Required | Available/Not Available |
| 7.1. | Vegetable: dry specimen-50 | 50 | Available |
| 7.2. | Fresh / wet specimen-20 | 20 | Available |
| 7.3. | Animal - 10 | 10 | Available |
| 7.4. | Chemical - 20 | 20 | Available |

| | | | |
|--------------------|---|---------------------------|-------------------------|
| 8. | Herbal Garden | Required | Available/Not Available |
| 8.1. | No. of species planted | 30 | Available |
| 8.2. | Plants on pots | 30 | Available |
| 8.3. | Irrigation facility education | | |
| 8.4. | Pharmacy tour conducted during the last year and along with date and certificate. | Copy Attached as Annexure | |
| 9. | Staff qualification as per schedule III | | |
| Sr. No | Designation | Number Required | Available |
| Teaching Staff | | | |
| | Professor or Associate Professor | 01 | 01 |
| | Assistant Professqr | 01 | 01 |
| Non-Teaching Staff | | | |
| | Lab Attendant | 01 | 01 |
| | Multi tasking Staff | 01 | 01 |



Dr. Shridhar P. Patil
Dr. SHRIDHAR P. PATIL
PRINCIPAL
 Gandhi Natha Rangji Homoeopathic
 Medical College, Solapur