



JNTUH COLLEGE CODE: U2

EAMCET CODE: SDIP

# SREE DATTHA INSTITUTE OF PHARMACY

( Approved by AICTE & PCI, New Delhi, Affiliated to JNTUH, Hyderabad, T.S)  
Nagarjuna Sagar Road, Sheriguda (V), Ibrahimpatnam (M), R.R.Dist., Greater Hyderabad-501510. T.S  
Ph.:+91-8801099936/35, 9393808082,  
Email: principalsdip@sreedattha.ac.in, www.sreedattha.ac.in

## B. PHARMACY I YEAR I SEM ACADEMIC REPORT -2023-24

| S.no | Course code | Name of the course                       | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|-------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS101       | Human Anatomy and Physiology I           | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS102       | Pharmaceutical Analysis I                | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | PS103       | Pharmaceutics I                          | 3                    | 1                 | 4                    | 60                                | 68                    |
| 4    | PS104       | Pharmaceutical Inorganic Chemistry-I     | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | HS105       | Communication skills                     | 2                    | -                 | 2                    | 30                                | 46                    |
| 6    | BS106/BS107 | Remedial Biology / Remedial Mathematics  | 2                    | -                 | 2                    | 30                                | 50                    |
| 7    | PS108       | Human Anatomy and Physiology-I lab       | 4                    | -                 | 4                    | 60                                | 64                    |
| 8    | PS109       | Pharmaceutical Analysis-I lab            | 4                    | -                 | 4                    | 60                                | 65                    |
| 9    | PS110       | Pharmaceutics I lab                      | 4                    | -                 | 4                    | 60                                | 64                    |
| 10   | PS111       | Pharmaceutical Inorganic Chemistry-I lab | 4                    | -                 | 4                    | 60                                | 64                    |
| 11   | HS112       | Communication skills lab                 | 2                    | -                 | 2                    | 30                                | 38                    |
| 12   | BS113       | Remedial Biology lab                     | 2                    | -                 | 2                    | 30                                | 38                    |



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|------|-------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS201       | Human Anatomy and Physiology II        | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS202       | Pharmaceutical Organic Chemistry I     | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | BS203       | Biochemistry                           | 3                    | 1                 | 4                    | 60                                | 68                    |
| 4    | BS204       | Pathophysiology                        | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | CS205       | Computer Applications in Pharmacy      | 3                    | -                 | 3                    | 45                                | 50                    |
| 6    | BS206       | Environmental Sciences                 | 3                    | -                 | 3                    | 45                                | 55                    |
| 7    | PS207       | Human Anatomy and Physiology II lab    | 4                    | -                 | 4                    | 60                                | 64                    |
| 8    | PS208       | Pharmaceutical Organic Chemistry I lab | 4                    | -                 | 4                    | 60                                | 65                    |
| 9    | BS209       | Biochemistry lab                       | 4                    | -                 | 4                    | 60                                | 64                    |
| 10   | CS210       | Computer Applications in Pharmacy lab  | 4                    | -                 | 4                    | 60                                | 64                    |

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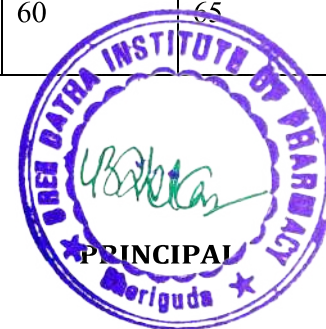
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## B. PHARMACY II YEAR I SEM ACADEMIC REPORT -2023-24

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|------|-------------|---|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS301       | Pharmaceutical Organic Chemistry-II     | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS302       | Physical Pharmaceutics-I                | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | BS303       | Pharmaceutical Microbiology             | 3                    | 1                 | 4                    | 60                                | 68                    |
| 4    | PC304       | Pharmaceutical Engineering              | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | PS305       | Pharmaceutical Organic Chemistry-II Lab | 4                    | -                 | 4                    | 60                                | 65                    |
| 6    | PS306       | Physical Pharmaceutics-I Lab            | 4                    | -                 | 4                    | 60                                | 64                    |
| 7    | BS307       | Pharmaceutical Microbiology Lab         | 4                    | -                 | 4                    | 60                                | 64                    |
| 8    | PC308       | Pharmaceutical Engineering Lab          | 4                    | -                 | 4                    | 60                                | 65                    |

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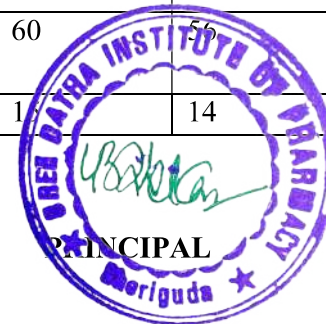
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|------|-------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS401       | Pharmaceutical Organic Chemistry-III   | 3                    | 1                 | 4                    | 60                                | 60                    |
| 2    | PC402       | Medicinal Chemistry-I                  | 3                    | 1                 | 4                    | 60                                | 64                    |
| 3    | PS403       | Physical Pharmaceutics-II              | 3                    | 1                 | 4                    | 60                                | 65                    |
| 4    | PC404       | Pharmacology-I                         | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | PC405       | Pharmacognosy and Phytochemistry-I     | 3                    | 1                 | 4                    | 60                                | 65                    |
| 6    | PC406       | Medicinal Chemistry-I Lab              | 4                    | -                 | 4                    | 60                                | 67                    |
| 7    | PS407       | Physical Pharmaceutics-II Lab          | 4                    | -                 | 4                    | 60                                | 64                    |
| 8    | PC408       | Pharmacology-I Lab                     | 4                    | -                 | 4                    | 60                                | 65                    |
| 9    | PC409       | Pharmacognosy and Phytochemistry-I Lab | 4                    | -                 | 4                    | 60                                | 56                    |
| 10   | *MC400      | Gender Sensitization Lab               | 1                    | -                 | 1                    | 1                                 | 14                    |



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## B. PHARMACY III YEAR I SEM ACADEMIC REPORT -2023-24

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|------|-------------|---|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS501       | Medicinal Chemistry II                    | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS502       | Industrial Pharmacy - I                   | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | PS503       | Pharmacology II                           | 3                    | 1                 | 4                    | 60                                | 68                    |
| 4    | PS504       | Pharmacognosy and Phytochemistry - II     | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | PS505       | Generic Product Development-Open elective | 3                    | 1                 | 4                    | 60                                | 65                    |
| 6    | PS509       | Industrial Pharmacy lab                   | 4                    | -                 | 4                    | 60                                | 64                    |
| 7    | PS510       | Pharmacology - II lab                     | 4                    | -                 | 4                    | 60                                | 64                    |
| 8    | PS511       | Pharmacognosy and Phytochemistry - II lab | 4                    | -                 | 4                    | 60                                | 65                    |
| 9    | *MC500      | Environmental sciences                    | 1                    | -                 | 1                    | 15                                | 16                    |



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|------|-------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS601       | Medicinal Chemistry - III                      | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS602       | Pharmacology - III                             | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | PS603       | Herbal Drug Technology                         | 3                    | 1                 | 4                    | 60                                | 68                    |
| 4    | PS604       | Biopharmaceutics and Pharmacokinetics          | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | PS605       | Pharmaceutical Quality Assurance-Open elective | 3                    | 1                 | 4                    | 60                                | 65                    |
| 6    | PS609       | Medicinal chemistry - III lab                  | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    | PS610       | Pharmacology - III lab                         | 4                    | -                 | 4                    | 60                                | 60                    |
| 8    | PS611       | Herbal Drug Technology lab                     | 4                    | -                 | 4                    | 60                                | 60                    |
| 9    | *MC600      | Human Values and Professional Ethics           | 1                    | -                 | 1                    | 15                                | 14                    |



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## B. PHARMACY IV YEAR I SEM ACADEMIC REPORT -2023-24

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|------|-------------|--------------------------------------|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS701       | Instrumental Methods of Analysis     | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS702       | Industrial Pharmacy-II               | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | PS703       | Pharmacy Practice                    | 3                    | 1                 | 4                    | 60                                | 68                    |
| 4    | PS704       | Novel Drug Delivery Systems          | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | PS707       | Pharmacovigilance-Open elective      | 3                    | 1                 | 4                    | 60                                | 65                    |
| 6    | PS709       | Instrumental Methods of Analysis Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    | PS710       | Practice School                      | 4                    | -                 | 4                    | 60                                | 60                    |
| 8    | PS711       | Industrial Training                  | 2                    | -                 | 2                    | 30                                | 28                    |



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|------|-------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | PS801       | Biostatistics and Research Methodology | 3                    | 1                 | 4                    | 60                                | 67                    |
| 2    | PS802       | Social and Preventive Pharmacy         | 3                    | 1                 | 4                    | 60                                | 66                    |
| 3    | PS803       | Pharmaceutical Jurisprudence           | 3                    |                   |                      | 45                                | 40                    |
| 4    | PS807       | Advanced Instrumentation techniques    | 3                    | 1                 | 4                    | 60                                | 64                    |
| 5    | PS808       | Project Work                           | 6                    | -                 | 6                    | 90                                | 85                    |



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## PHARM.D I YEAR ACADEMIC REPORT -2023-24

| Code | Name of the course                 | Theory &Tutorials      |                       | Practicals             |                       | Tutorials              |                       |
|------|------------------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
|      |                                    | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted |
| 1.1  | Human Anatomy and Physiology       | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 1.2  | Pharmaceutics                      | 50                     | 75                    | 75                     | 75                    | 25                     | 25                    |
| 1.3  | Medicinal Biochemistry             | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 1.4  | Pharmaceutical Organic Chemistry   | 75                     | 86                    | 75                     | 75                    | 25                     | 30                    |
| 1.5  | Pharmaceutical Inorganic Chemistry | 50                     | 76                    | 75                     | 75                    | 25                     | 25                    |
| 1.6  | Remedial Mathematics/ Biology      | 75                     | 85                    | -                      | -                     | 25                     | 30                    |

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## PHARM.D II YEAR ACADEMIC REPORT -2023-24

| Code | Name of the course                   | Theory & Tutorials     |                       | Practicals             |                       | Tutorials              |                       |
|------|--------------------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
|      |                                      | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted |
| 2.1  | Pathophysiology                      | 75                     | 85                    | -                      | -                     | 25                     | 25                    |
| 2.2  | Pharmaceutical Microbiology          | 75                     | 75                    | 75                     | -                     | 25                     | 25                    |
| 2.3  | Pharmacognosy & Phytopharmaceuticals | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 2.4  | Pharmacology-I                       | 75                     | 86                    | -                      | -                     | 25                     | 25                    |
| 2.5  | Community Pharmacy                   | 50                     | 76                    | -                      | -                     | 25                     | 25                    |
| 2.6  | Pharmacotherapeutics-I               | 75                     | 85                    | 75                     | 75                    | 25                     | 30                    |

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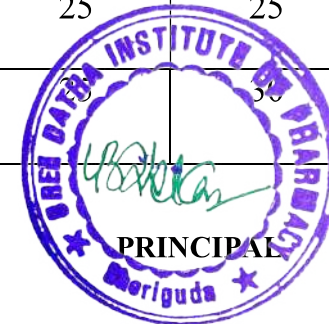
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## PHARM.D III YEAR ACADEMIC REPORT -2023-24

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|------|------------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
|      |                              | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted |
| 3.1  | Pharmacology-II              | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 3.2  | Pharmaceutical Analysis      | 75                     | 75                    | 75                     | 75                    | 25                     | 25                    |
| 3.3  | Pharmacotherapeutics-II      | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 3.4  | Pharmaceutical Jurisprudence | 50                     | 75                    | -                      | -                     | -                      | -                     |
| 3.5  | Medicinal Chemistry          | 75                     | 76                    | 75                     | 75                    | 25                     | 25                    |
| 3.6  | Pharmaceutical Formulations  | 50                     | 75                    | 75                     | 75                    | 25                     | 25                    |



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| Code | Name of the course                   | Theory &Tutorials      |                       | Practicals             |                       | Tutorials              |                       |
|------|--------------------------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
|      |                                      | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted |
| 4.1  | Pharmacotherapeutics-III             | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 4.2  | Hospital Pharmacy                    | 50                     | 75                    | 75                     | 75                    | 25                     | 25                    |
| 4.3  | Clinical Pharmacy                    | 75                     | 85                    | 75                     | 75                    | 25                     | 25                    |
| 4.4  | Biostatistics & Research Methodology | 50                     | 75                    | -                      | -                     | 25                     | 25                    |
| 4.5  | Biopharmaceutics & Pharmacokinetics  | 75                     | 76                    | 75                     | 75                    | 25                     | 25                    |
| 4.6  | Clinical Toxicology                  | 50                     | 75                    | -                      | -                     | 25                     | 30                    |

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## PHARM.D V YEAR ACADEMIC REPORT -2023-24

| Code | Name of the course  | Theory & Tutorials     |                       | Practicals             |                       | Tutorials              |                       |
|------|---|------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|
|      |   | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted | Prescribed No.of Hours | No.of Hours Conducted |
| 5.1  | Clinical Research   | 75                     | 80                    | -                      | -                     | 25                     | 25                    |
| 5.2  | Pharmacoepidemiology and Pharmacoeconomics                      | 75                     | 82                    | -                      | -                     | 25                     | 25                    |
| 5.3  | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring | 50                     | 75                    | -                      | -                     | 25                     | 25                    |

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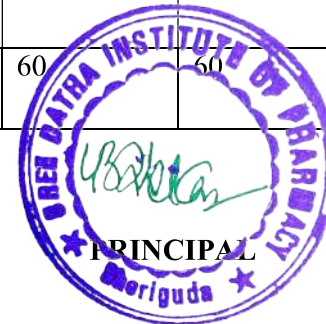
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## M. PHARMACY I YEAR I SEM ACADEMIC REPORT -2023-24

### PHARMACEUTICS

| S.no | Course code              | Name of the course                                | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|--------------------------|---|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-I      | Modern Pharmaceutics-I                            | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-II     | Applied Biopharmaceutics and Pharmacokinetics     | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-I  | Advanced Physical pharmaceutics                   | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-II | Cosmetics and cosmetics                           | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    |                          | Research methodology and IPR                      | 2                    | -                 | 2                    | 30                                | 30                    |
| 6    | Laboratory- I            | Modern Pharmaceutics – I Lab                      | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    | Laboratory- II           | Applied Biopharmaceutics and Pharmacokinetics Lab | 4                    | -                 | 4                    | 60                                | 60                    |



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## M. PHARMACY I YEAR II SEM ACADEMIC REPORT -2023-24

### PHARMACEUTICS

| S.no | Course code               | Name of the course                | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|---------------------------|-----------------------------------|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-III     | Modern Pharmaceutics - II         | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-IV      | Advanced Drug Delivery Systems    | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-III | Industrial pharmacy               | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-IV  | Nano based drug delivery systems  | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    | Laboratory-III            | Modern Pharmaceutics – II Lab     | 4                    | -                 | 4                    | 60                                | 60                    |
| 6    | Laboratory-IV             | Advanced Drug Delivery System Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    |                           | Mini Project with Seminar         | 2                    | -                 | 2                    | 30                                | 30                    |

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## M. PHARMACY I YEAR I SEM ACADEMIC REPORT- 2023-24

### PHARMACEUTICAL ANALYSIS

| S.no | Course code              | Name of the course                              | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|--------------------------|---|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-I      | Modern Pharmaceutical Analytical Techniques     | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-II     | Pharmaceutical and Food Analysis                | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-I  | Advanced Pharmaceutical Analysis                | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-II | Quality control and Quality assurance           | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    |                          | Research Methodology & IPR                      | 2                    | -                 | 2                    | 30                                | 30                    |
| 6    | Laboratory- I            | Modern Pharmaceutical Analytical Techniques lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    | Laboratory- II           | Pharmaceutical and food Analysis Lab            | 4                    | -                 | 4                    | 60                                | 60                    |



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## M. PHARMACY I YEAR II SEM ACADEMIC REPORT -2023-24

### PHARMACEUTICAL ANALYSIS

| S.no | Course code               | Name of the course                   | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|---------------------------|--------------------------------------|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-III     | Advanced Instrumental Analysis I     | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-IV      | Modern Bio-analytical Techniques     | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-III | Pharmaceutical validation            | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-IV  | Advanced instrumental Analysis-II    | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    | Laboratory-III            | Advanced Instrumental Analysis I Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 6    | Laboratory-IV             | Modern Bio analytical Techniques Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    |                           | Mini project                         | 2                    | -                 | 2                    | 30                                | 30                    |

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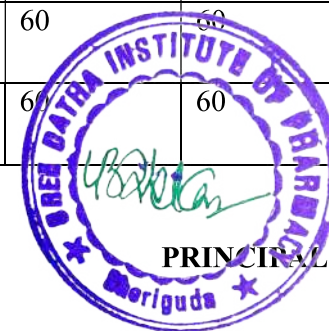
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## M. PHARMACY I YEAR I SEM ACADEMIC REPORT -2023-24

### PHARMACEUTICAL REGULATORY AFFAIRS

| S.no | Course code              | Name of the course                        | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|--------------------------|---|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-I      | Good Regulatory Practice                  | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-II     | Drug Regulatory Affairs                   | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-I  | Intellectual Property Rights              | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-II | Pharmaceutical Formulation Technology     | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    |                          | Research Methodology & IPR                | 2                    | -                 | 2                    | 30                                | 30                    |
| 6    | Laboratory- I            | Regulatory Practice and Documentation Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    | Laboratory- II           | Drug Regulation and Registration Lab      | 4                    | -                 | 4                    | 60                                | 60                    |



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### PHARMACEUTICAL REGULATORY AFFAIRS

| S.no | Course code               | Name of the course                                | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|---------------------------|---|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-III     | Regulatory aspects of medical devices             | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-IV      | Regulatory aspects of herbals and biologicals     | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-III | Nano based drug delivery systems                  | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-IV  | Advanced Drug delivery systems                    | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    | Laboratory-III            | Regulatory aspects of herbals and biologicals Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 6    | Laboratory-IV             | Regulatory aspects of medical devices Lab         | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    |                           | Mini project                                      | 2                    | -                 | 2                    | 30                                | 30                    |

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## M. PHARMACY I YEAR I SEM ACADEMIC REPORT 2023-24

### PHARMACOLOGY

| S.no | Course code              | Name of the course                                 | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|--------------------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-I      | Advanced Pharmacology – I                          | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-II     | Clinical Pharmacology and Pharmacotherapeutics     | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-I  | Intellectual Property Rights                       | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-II | Clinical Research and Pharmacovigilance            | 3                    | -                 | 3                    | 45                                | 55                    |
| 5    |                          | Principles of Toxicology                           | 2                    | -                 | 2                    | 30                                | 30                    |
| 6    | Laboratory- I            | Advanced Pharmacology - I Lab                      | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    | Laboratory- II           | Clinical Pharmacology and Pharmacotherapeutics Lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 8    |                          | Research Methodology and IPR                       | 2                    |                   | 2                    | 30                                | 30                    |



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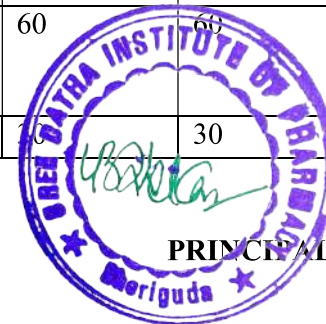
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## M. PHARMACY I YEAR II SEM ACADEMIC REPORT -2023-24

### PHARMACOLOGY

| S.no | Course code               | Name of the course                                   | No.of hours per week | Tutorial per week | Total hours per week | Total prescribed hours (15 Weeks) | No of hours conducted |
|------|---------------------------|--|----------------------|-------------------|----------------------|-----------------------------------|-----------------------|
| 1    | Professional Core-III     | Advanced Pharmacology - II                           | 3                    | -                 | 3                    | 45                                | 50                    |
| 2    | Professional Core-IV      | Pharmacological Screening Methods and Toxicology     | 3                    | -                 | 3                    | 45                                | 50                    |
| 3    | Professional Elective-III | Pharmacoepidemiology and Pharmacoeconomics           | 3                    | -                 | 3                    | 45                                | 48                    |
| 4    | Professional Elective-IV  | Pharmaceutical Management                            |                      | -                 | 3                    | 45                                | 55                    |
| 5    | Laboratory-III            | Advanced Pharmacology – II Lab                       | 4                    | -                 | 4                    | 60                                | 60                    |
| 6    | Laboratory-IV             | Pharmacological Screening Methods and Toxicology lab | 4                    | -                 | 4                    | 60                                | 60                    |
| 7    |                           | Mini project   | 2                    | -                 | 2                    |                                   | 30                    |



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