

Geethanjali College of Pharmacy

Accredited by NAAC A+ Grade, NBA (B.Pharmacy)
Approved by AICTE, PCI New Delhi, Permanently Affiliated to JNTUH,
HI/BI of MSME, ISO 9001:2015 Certified,
Recognized by DSIR-SIRO, Under Section 2(f), 12(B) of UGC Act 1956, AMC of PvPI,
Cheeryal (V), Keesara (M), Medchal Dist., Telangana State- 501301.

CO-PO ATTAINMENT REPORT

Table 1: CO-PO CORRELATION MATRIX OF ALL COURSES


PHARM.D

REGULATION R08 / BATCH (2017-2023)

| PROGRAMME: PHARM.D | | | | | | | | | | | | | | |
|--------------------|--------------|--|----------------|-------------------------|---------|---------|---------|---------|---------|---------|-------------|-------------|--------------|--------------|
| S.NO | Year/ Sem | Course Name | Course Code | CO-PO Correlation value | | | | | | | | | | |
| | | | | PO 1 | PO 2 | PO 3 | PO 4 | PO 5 | PO 6 | PO 7 | P O 8 | P O 9 | P O 10 | P O 11 |
| 1 | I | Human Anatomy and Physiology | PD.C11 | 2.7 | - | 3 | 2.9 | - | 2.7 | 2.7 | - | 3 | 3 | 3 |
| 2 | I | Pharmaceutics | PD.C12 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 3 | I | Medicinal Biochemistry | PD.C13 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 3 |
| 4 | I | Pharmaceutical Organic Chemistry | PD.C14 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |
| 5 | I | Pharmaceutical Inorganic Chemistry | PD.C15 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |
| 6 | I | Remedial Mathematics | PD.C16 | - | - | 3 | 2 | - | - | - | - | 3 | - | 3 |
| 7 | I | Remedial Biology | PD.C17 | 3 | - | 3 | 2 | - | 3 | 3 | - | 2 | 2 | 3 |
| 8 | I | Human Anatomy and Physiology Lab | PD.C18 | 2.7 | - | 3 | 2.7 | - | 2.7 | 2.7 | - | 3 | 3 | 3 |
| 9 | I | Pharmaceutics Lab | PD.C19 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 10 | I | Medicinal Biochemistry Lab | PD.C110 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 |
| 11 | I | Pharmaceutical Organic Chemistry Lab | PD.C111 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |
| 12 | I | Pharmaceutical Inorganic Chemistry Lab | PD.C112 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |
| 13 | I | Remedial Biology Lab | PD.C113 | 3 | - | 3 | 2 | - | 3 | 3 | - | 3 | 2 | 3 |
| 14 | II | Pathophysiology | PD.C21 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |
| 15 | II | Pharmaceutical Microbiology | PD.C22 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |
| 16 | II | Pharmacognosy & Phytopharmaceuticals | PD.C23 | 3 | 2 | 2 | 1.6 | 2 | 3 | 3 | 2 | 2 | 2 | 3 |
| 17 | II | Pharmacology-I | PD.C24 | 3 | - | 3 | 2 | - | 3 | 3 | - | 2 | 2 | 3 |
| 18 | II | Community Pharmacy | PD.C25 | 2.8 | - | 3 | 3 | - | 2.8 | 2.8 | - | 3 | 3 | 2.8 |
| 19 | II | Pharmacotherapeutics -I | PD.C26 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 20 | II | Pharmaceutical Microbiology Lab | PD.C27 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 1 | 3 | 3 | 3 |

| | | | | | | | | | | | | | | |
|---------------------------|-----|--|---------|------|------|------|------|------|------|------|------|------|------|------|
| 21 | II | Pharmacognosy & Phytopharmaceuticals Lab | PD.C28 | 2.3 | 1 | 2 | 2 | 1 | 2.3 | 2.3 | 1 | 2 | 2 | 2 |
| 22 | II | Pharmacotherapeutics -I Lab | PD.C29 | 3 | 2.6 | 2.6 | 3 | 3 | 2.6 | 2.6 | 2.6 | 2.6 | 3 | 3 |
| 23 | III | Pharmacology-II | PD.C31 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 24 | III | Pharmaceutical Analysis | PD.C32 | 3 | - | 3 | 3 | - | 3 | 3 | - | 3 | 3 | 3 |
| 25 | III | Pharmacotherapeutics -II | PD.C33 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 26 | III | Pharmaceutical Jurisprudence | PD.C34 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 |
| 27 | III | Medicinal Chemistry | PD.C35 | 3 | 1 | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 3 |
| 28 | III | Pharmaceutical Formulations | PD.C36 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 29 | III | Pharmacology-II Lab | PD.C37 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 30 | III | Pharmaceutical Analysis Lab | PD.C38 | 3 | - | 3 | 3 | - | 3 | 3 | - | 3 | 3 | 3 |
| 31 | III | Pharmacotherapeutics -II Lab | PD.C39 | 2.6 | 2.6 | 3 | 3 | 2.6 | 2.6 | 2.6 | 2.6 | 3 | 3 | 3 |
| 32 | III | Medicinal Chemistry Lab | PD.C310 | 3 | 1 | 3 | 2 | 1 | 3 | 3 | 2 | 3 | 3 | 3 |
| 33 | III | Pharmaceutical Formulations Lab | PD.C311 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 3 | 2 | 3 | 3 |
| 34 | IV | Pharmacotherapeutics -III (Th) | PD.C41 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 35 | IV | Hospital Pharmacy (Th) | PD.C42 | 3 | | 3 | 3 | | 2.8 | | | 3 | 3 | 3 |
| 36 | IV | Clinical Pharmacy (Th) | PD.C43 | 2.5 | -- | 3 | 3 | -- | 2.5 | 2.5 | -- | 3 | 3 | 2.5 |
| 37 | IV | Biostatistics & Research Methodology (Th) | PD.C44 | 0 | | 3 | 2 | | | | | 3 | | 3 |
| 38 | IV | Biopharmaceutics & Pharmacokinetics (Th) | PD.C45 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 |
| 39 | IV | Clinical Toxicology (Th) | PD.C46 | 2.7 | - | 3 | 2.5 | - | 2.7 | 2.7 | - | 3 | 3 | 3 |
| 40 | IV | Pharmacotherapeutics -III (Lab) | PD.C47 | 3 | 2.6 | 2.6 | 3 | 3 | 2.6 | 2.6 | 2.6 | 2.6 | 3 | 3 |
| 41 | IV | Hospital Pharmacy (Lab) | PD.C48 | 2.8 | | 3 | 3 | | 2.8 | | | 3 | 3 | 3 |
| 42 | IV | Clinical Pharmacy (Lab) | PD.C49 | 2.8 | -- | 3 | 3 | -- | 2.8 | 2.8 | -- | 3 | 3 | 3 |
| 43 | IV | Biopharmaceutics & Pharmacokinetics (Lab) | PD.C410 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 3 |
| 44 | V | Clinical Research (Th) | PD.C51 | 3 | 3 | 3 | 2.6 | 3 | 3 | 3 | 3 | 3 | 2.6 | 3 |
| 45 | V | Pharmacoepidemiology and Pharmacoeconomics (Th) | PD.C52 | 2.4 | 2 | 3 | 3 | 2 | 2.4 | 2.4 | 2 | 3 | 3 | 2.4 |
| 46 | V | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring (Th) | PD.C53 | 2.7 | - | 3 | 2.7 | - | 2.7 | 2.7 | - | 3 | 3 | 3 |
| Average CO-PO Correlation | | | | 2.76 | 1.32 | 2.98 | 2.76 | 1.36 | 2.74 | 2.62 | 1.39 | 2.92 | 2.80 | 2.95 |




PRINCIPAL
PRINCIPAL
 Geethanjali College of Pharmacy
 Cheerjalla(V), Keerasa(M), Medchal Dist. T.S. 501301.

CO-PO ATTAINMENT REPORT

**TABLE 2: AVERAGE COURSE OUTCOMES ATTAINMENT OF ALL COURSES
PHARM.D
REGULATION R08 / BATCH (2017-2023)**

| PROGRAMME: PHARM.D | | | | |
|--------------------|--------------|--|-------------|-------------------------------------|
| S.NO | Year/ Sem | Course Name | Course Code | Course Outcomes Attainment Level |
| 1 | I | Human Anatomy and Physiology | PD.C11 | 1.10 |
| 2 | I | Pharmaceutics | PD.C12 | 1.1 |
| 3 | I | Medicinal Biochemistry | PD.C13 | 2.66 |
| 4 | I | Pharmaceutical Organic Chemistry | PD.C14 | 0.2 |
| 5 | I | Pharmaceutical Inorganic Chemistry | PD.C15 | 2.93 |
| 6 | I | Remedial Mathematics | PD.C16 | 0.93 |
| 7 | I | Remedial Biology | PD.C17 | 0.8 |
| 8 | I | Human Anatomy and Physiology Lab | PD.C18 | 2.9 |
| 9 | I | Pharmaceutics Lab | PD.C19 | 3 |
| 10 | I | Medicinal Biochemistry Lab | PD.C110 | 3 |
| 11 | I | Pharmaceutical Organic Chemistry Lab | PD.C111 | 2.4 |
| 12 | I | Pharmaceutical Inorganic Chemistry Lab | PD.C112 | 3 |
| 13 | I | Remedial Biology Lab | PD.C113 | 2.8 |
| 14 | II | Pathophysiology | PD.C21 | 2.4 |
| 15 | II | Pharmaceutical Microbiology | PD.C22 | 2.5 |
| 16 | II | Pharmacognosy & Phytopharmaceuticals | PD.C23 | 2.5 |
| 17 | II | Pharmacology-I | PD.C24 | 0.2 |
| 18 | II | Community Pharmacy | PD.C25 | 2.6 |
| 19 | II | Pharmacotherapeutics-I | PD.C26 | 1.03 |
| 20 | II | Pharmaceutical Microbiology Lab | PD.C27 | 3 |
| 21 | II | Pharmacognosy & Phytopharmaceuticals Lab | PD.C28 | 2.7 |
| 22 | II | Pharmacotherapeutics-I Lab | PD.C29 | 3 |
| 23 | III | Pharmacology-II | PD.C31 | 2.5 |

| | | | | |
|----|-----|--|---------|------|
| 24 | III | Pharmaceutical Analysis | PD.C32 | 2.8 |
| 25 | III | Pharmacotherapeutics-II | PD.C33 | 2.4 |
| 26 | III | Pharmaceutical Jurisprudence | PD.C34 | 2.8 |
| 27 | III | Medicinal Chemistry | PD.C35 | 1.2 |
| 28 | III | Pharmaceutical Formulations | PD.C36 | 2.8 |
| 29 | III | Pharmacology-II Lab | PD.C37 | 3 |
| 30 | III | Pharmaceutical Analysis Lab | PD.C38 | 3 |
| 31 | III | Pharmacotherapeutics-II Lab | PD.C39 | 2.7 |
| 32 | III | Medicinal Chemistry Lab | PD.C310 | 3 |
| 33 | III | Pharmaceutical Formulations Lab | PD.C311 | 3 |
| 34 | IV | Pharmacotherapeutics-III (Th) | PD.C41 | 2.4 |
| 35 | IV | Hospital Pharmacy (Th) | PD.C42 | 2.7 |
| 36 | IV | Clinical Pharmacy (Th) | PD.C43 | 3 |
| 37 | IV | Biostatistics & Research Methodology (Th) | PD.C44 | 2.9 |
| 38 | IV | Biopharmaceutics & Pharmacokinetics (Th) | PD.C45 | 3 |
| 39 | IV | Clinical Toxicology (Th) | PD.C46 | 3 |
| 40 | IV | Pharmacotherapeutics-III (Lab) | PD.C47 | 2.4 |
| 41 | IV | Hospital Pharmacy (Lab) | PD.C48 | 3 |
| 42 | IV | Clinical Pharmacy (Lab) | PD.C49 | 3 |
| 43 | IV | Biopharmaceutics & Pharmacokinetics(Lab) | PD.C410 | 2.8 |
| 44 | V | Clinical Research (Th) | PD.C51 | 1.68 |
| 45 | V | Pharmacoepidemiology and Pharmacoconomics (Th) | PD.C52 | 2.48 |
| 46 | V | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring (Th) | PD.C53 | 2.73 |



Signature of
PRINCIPAL

PRINCIPAL

Geethanjali College of Pharmacy
Cheerayal(V), Keesara(M), Medchal Dist. T.S.-501301.

**Table 3: DIRECT ATTAINMENT OF PROGRAMME OUTCOMES
PHARM.D
REGULATION R08 / BATCH (2017-2023)**

| PROGRAMME: PHARM.D | | | | | | | | | | | | | | |
|--------------------|--|-------------|----------------------------|------------------|------|------|------|------|------|------|------|------|------|------|
| S.No. | Course Name | Course Code | Overall CO attainment I(A) | (A*B) of courses | | | | | | | | | | |
| | | | | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
| 1 | Human Anatomy and Physiology | PD C11 | 1.10 | 2.97 | - | 3.3 | 3.19 | - | 2.97 | 2.97 | - | 3.3 | 3.3 | 3.3 |
| 2 | Pharmaceutics | PD C12 | 1.1 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| 3 | Medicinal Biochemistry | PD C13 | 2.66 | 7.98 | 5.32 | 5.32 | 5.32 | 5.32 | 7.98 | 7.98 | 5.32 | 5.32 | 5.32 | 7.98 |
| 4 | Pharmaceutical Organic Chemistry | PD C14 | 0.2 | 0.6 | 0.2 | 0.6 | 0.6 | 0.2 | 0.6 | 0.6 | 0.2 | 0.6 | 0.6 | 0.6 |
| 5 | Pharmaceutical Inorganic Chemistry | PD C15 | 2.93 | 8.79 | 2.93 | 8.79 | 8.79 | 2.93 | 8.79 | 8.79 | 2.93 | 8.79 | 8.79 | 8.79 |
| 6 | Remedial Mathematics | PD C16 | 0.93 | - | - | 2.79 | 1.86 | - | - | - | - | 2.79 | - | 2.79 |
| 7 | Remedial Biology | PD C17 | 0.8 | 2.4 | - | 2.4 | 1.2 | - | 2.4 | 2.4 | - | 1.2 | 1.2 | 2.4 |
| 8 | Human Anatomy and Physiology Lab | PD C18 | 2.9 | 7.83 | - | 8.7 | 7.83 | - | 7.83 | 7.83 | - | 8.7 | 8.7 | 8.7 |
| 9 | Pharmaceutics Lab | PD C19 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 10 | Medicinal Biochemistry Lab | PD C110 | 3 | 9 | 6 | 9 | 6 | 6 | 9 | 9 | 6 | 9 | 9 | 9 |
| 11 | Pharmaceutical Organic Chemistry Lab | PD C111 | 7.4 | 7.7 | 7.4 | 7.2 | 7.2 | 2.4 | 7.2 | 7.2 | 2.4 | 7.2 | 7.2 | 7.2 |
| 12 | Pharmaceutical Inorganic Chemistry Lab | PD C112 | 3 | 9 | 3 | 9 | 9 | 3 | 9 | 9 | 3 | 9 | 9 | 9 |
| 13 | Remedial Biology Lab | PD C113 | 2.8 | 8.4 | - | 8.4 | 5.6 | - | 8.4 | 8.4 | - | 8.4 | 5.6 | 8.4 |
| 14 | Pathophysiology | PD C21 | 2.4 | 7.2 | 2.4 | 7.2 | 7.2 | 2.4 | 7.2 | 7.2 | 2.4 | 7.2 | 7.2 | 7.2 |
| 15 | Pharmaceutical Microbiology | PD C22 | 2.5 | 7.5 | 2.5 | 7.5 | 7.5 | 2.5 | 7.5 | 7.5 | 2.5 | 7.5 | 7.5 | 7.5 |
| 16 | Pharmacognosy & Phytopharmaceuticals | PD C23 | 2.5 | 7.5 | 5 | 5 | 4 | 5 | 7.5 | 7.5 | 5 | 5 | 5 | 7.5 |

| | | | | | | | | | | | | | | |
|----|---|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| 17 | Pharmacology-I | PD C24 | 0.2 | 0.6 | - | 0.6 | 0.4 | - | 0.6 | 0.6 | - | 0.4 | 0.4 | 0.6 |
| 18 | Community Pharmacy | PD C25 | 2.6 | 7.2 | - | 7.8 | 7.8 | - | 7.2 | 7.2 | - | 7.8 | 7.8 | 7.2 |
| 19 | Pharmacotherapeutics-I | PD C26 | 1.03 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 | 3.09 |
| 20 | Pharmaceutical Microbiology Lab | PD C27 | 3 | 3 | 9 | 9 | 3 | 9 | 9 | 3 | 9 | 9 | 9 | 9 |
| 21 | Pharmacognosy & Phytopharmaceuticals Lab | PD C28 | 2.7 | 6.2 | 2.7 | 5.4 | 5.4 | 2.7 | 6.2 | 6.2 | 2.7 | 5.4 | 5.4 | 5.4 |
| 22 | Pharmacotherapeutics-I Lab | PD C29 | 3 | 9 | 7.8 | 7.8 | 9 | 9 | 7.8 | 7.8 | 7.8 | 7.8 | 9 | 9 |
| 23 | Pharmacology-II | PD C31 | 2.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 | 7.5 |
| 24 | Pharmaceutical Analysis | PD C32 | 2.8 | 8.4 | - | 8.4 | 8.4 | - | 8.4 | 8.4 | - | 8.4 | 8.4 | 8.4 |
| 25 | Pharmacotherapeutics-II | PD C33 | 2.4 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| 26 | Pharmaceutical Jurisprudence | PD C34 | 2.8 | 8.4 | 5.6 | 8.4 | 8.4 | 5.6 | 8.4 | 8.4 | 5.6 | 8.4 | 8.4 | 8.4 |
| 27 | Medicinal Chemistry | PD C35 | 1.2 | 3.6 | 1.2 | 3.6 | 2.4 | 1.2 | 3.6 | 3.6 | 2.4 | 3.6 | 3.6 | 3.6 |
| 28 | Pharmaceutical Formulations | PD C36 | 2.8 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 | 8.4 |
| 29 | Pharmacology-II Lab | PD C37 | 3 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 30 | Pharmaceutical Analysis Lab | PD C38 | 3 | 9 | - | 9 | 9 | - | 9 | 9 | - | 9 | 9 | 9 |
| 31 | Pharmacotherapeutics-II Lab | PD C39 | 2.7 | 7.02 | 7.02 | 8.1 | 8.1 | 7.02 | 7.02 | 7.02 | 7.02 | 8.1 | 8.1 | 8.1 |
| 32 | Medicinal Chemistry Lab | PD C310 | 3 | 9 | 3 | 9 | 6 | 3 | 9 | 9 | 6 | 9 | 9 | 9 |
| 33 | Pharmaceutical Formulations Lab | PD C311 | 3 | 6 | 6 | 9 | 9 | 9 | 6 | 6 | 9 | 6 | 9 | 9 |
| 34 | Pharmacotherapeutics-III (Th) | PD.C41 | 2.4 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 | 7.2 |
| 35 | Hospital Pharmacy (Th) | PD.C42 | 2.7 | 8.1 | - | 8.1 | 8.1 | - | 7.5 | - | - | 8.1 | 8.1 | 8.1 |
| 36 | Clinical Pharmacy (Th) | PD.C43 | 3 | 7.5 | - | 9 | 9 | - | 7.5 | 7.5 | - | 9 | 9 | 7.5 |
| 37 | Biostatistics & Research Methodology (Th) | PD.C44 | 2.9 | 0 | - | 8.7 | 5.8 | - | - | - | - | 8.7 | - | 8.7 |
| 38 | Biopharmaceutics & Pharmacokinetics (Th) | PD.C45 | 3 | 9 | 6 | 9 | 9 | 6 | 9 | 9 | 6 | 9 | 9 | 9 |
| 39 | Clinical Toxicology (Th) | PD.C46 | 3 | 8.1 | - | 9 | | - | 8.1 | 8.1 | - | 9 | 9 | 9 |

| | | | | | | | | | | | | | | |
|---|--|--------|-----|------|------|------|------|------|------|------|------|------|------|------|
| 40 | Pharmacotherapeutics-III (Lab) | PDC47 | 2.4 | 7.2 | 0.9 | 0.9 | 7.2 | 7.2 | 0.9 | 0.9 | 0.9 | 0.9 | 7.2 | 7.2 |
| 41 | Hospital Pharmacy (Lab) | PDC48 | 3 | 8.4 | - | 9 | 9 | - | 8.4 | - | - | 9 | 9 | 9 |
| 42 | Clinical Pharmacy (Lab) | PDC49 | 3 | 8.4 | - | 9 | 9 | - | 8.4 | 8.4 | - | 9 | 9 | 9 |
| 43 | Biopharmaceutics & Pharmacokinetics (Lab) | PDC410 | 2.8 | 8.4 | 5.6 | 8.4 | 5.6 | 5.6 | 8.4 | 8.4 | 5.6 | 8.4 | 8.4 | 8.4 |
| 44 | Clinical Research (Th) | PDC51 | 1.6 | 4.8 | 4.8 | 4.8 | 4.1 | 4.8 | 4.8 | 4.8 | 4.8 | 4.8 | 4.1 | 4.8 |
| 45 | Pharmacoepidemiology and Pharmacoeconomics (Th) | PDC52 | 2.4 | 5.7 | 4.8 | 7.2 | 7.2 | 4.8 | 5.7 | 5.7 | 4.8 | 7.2 | 7.2 | 5.7 |
| 46 | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring (Th) | PDC53 | 2.7 | 7.2 | - | 8.1 | 7.2 | - | 7.2 | 7.2 | - | 8.1 | 8.1 | 8.1 |
| Average of $\{(A*B)\}$ of all courses | | | | 6.54 | 3.06 | 6.90 | 6.26 | 3.46 | 8.09 | 6.03 | 3.39 | 6.80 | 6.70 | 7.09 |
| Average correlation values of CO-PO matrix (B) of all courses | | | | 2.76 | 1.32 | 2.98 | 2.76 | 1.36 | 2.74 | 2.62 | 1.39 | 2.92 | 2.80 | 2.95 |
| DIRECT ATTAINMENT | | | | 2.36 | 2.31 | 2.31 | 2.26 | 2.54 | 2.95 | 2.30 | 2.43 | 2.32 | 2.39 | 2.40 |
| DIRECT ATTAINMENT (80%) | | | | 1.88 | 1.84 | 1.84 | 1.80 | 2.03 | 2.36 | 1.84 | 1.94 | 1.85 | 1.91 | 1.92 |

[Signature]
PRINCIPAL

PRINCIPAL

Geethanjali College of Pharmacy
Geethajali(V), Keesara(M), Medchal Dist. T.S.-501301.



Table 4: INDIRECT ATTAINMENT OF PROGRAMME OUTCOMES OF PHARM.D BATCH (2017-2023)

| PROGRAMME: PHARM.D | | | | | | | | | | | | | | |
|---------------------------|----------------|----------------|---------------------|------|------|------|------|------|------|------|------|------|------|------|
| Batch | Total Students | Survey Details | Total No of Surveys | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
| 2017-23 | 01 | PES | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |
| Indirect attainment level | | | | 2.38 | 0.81 | 1.65 | 1.35 | 2.08 | 1.77 | 1.88 | 1.85 | 1.85 | 2.08 | 1.73 |
| 2017-23 | 01 | AS | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |
| Indirect attainment level | | | | 2.36 | 2.16 | 2.2 | 1.96 | 2.04 | 2.12 | 1.8 | 1.72 | 1.76 | 1.6 | 1.68 |
| 2017-23 | 01 | ES | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 | 01 |
| Indirect attainment level | | | | 2.67 | 1.67 | 1.33 | 1.67 | 0.67 | 1.67 | 2.00 | 1.00 | 0.67 | 0.67 | 0.00 |

Signature
PRINCIPAL

PRINCIPAL
Geethanjali College of Pharmacy
Cheeraj(V), Keesara(M), Medchal Dist. T.S.-501301.



Table 5: OVERALL PO ATTAINMENT OF PROGRAMME OUTCOMES OF PHARM.D BATCH (2017-2023)

| PO ATTAINMENT | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|
| DIRECT ATTAINMENT (80%) | 1.88 | 1.84 | 1.84 | 1.80 | 2.03 | 2.36 | 1.84 | 1.94 | 1.85 | 1.91 | 1.92 |
| PROG EXIT SURVEY (10%) | 0.23 | 0.08 | 0.16 | 0.13 | 0.20 | 0.17 | 0.18 | 0.18 | 0.18 | 0.20 | 0.17 |
| ALUMNI SURVEY (05%) | 0.11 | 0.10 | 0.11 | 0.09 | 0.10 | 0.10 | 0.09 | 0.08 | 0.08 | 0.08 | 0.08 |
| EMPLOYER SURVEY (05%) | 0.13 | 0.08 | 0.06 | 0.08 | 0.03 | 0.08 | 0.1 | 0.05 | 0.03 | 0.03 | 00 |
| OVERALL PO ATTAINMENT | 2.35 | 2.1 | 2.17 | 2.1 | 2.36 | 2.8 | 2.2 | 2.25 | 2.14 | 2.22 | 2.17 |

NOTE: Overall PO attainment= (Direct attainment level*0.8) + (PES attainment level*0.1+AS attainment level*0.05+ES attainment level*0.05)



[Signature]
PRINCIPAL

PRINCIPAL

Geethanjali College of Pharmacy
Keeravalli(V), Keesara(M), Medchal Dist. T.S. - 501302

Table 6: Evaluation of attainment of Pos of PHARM.D batch (2017-2023)

| PO | ELOA | ALOA |
|------|------|------|
| PO1 | 2.6 | 2.35 |
| PO2 | 2.6 | 2.1 |
| PO3 | 2.6 | 2.17 |
| PO4 | 2.6 | 2.1 |
| PO5 | 2.6 | 2.36 |
| PO6 | 2.6 | 2.8 |
| PO7 | 2.6 | 2.2 |
| PO8 | 2.6 | 2.2 |
| PO9 | 2.6 | 2.14 |
| PO10 | 2.6 | 2.2 |
| PO11 | 2.6 | 2.17 |

Note: Expected level of attainment (ELOA); Actual level of attainment (ALOA)



HOD/PROGRAMME COORDINATOR



PRINCIPAL

PRINCIPAL
Geethanjali College of Pharmacy
Cheeryal(V), Keesara(M), Medchal Dist. T.S. - 501301

