

CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR
(AUTONOMOUS)
OVERALL COURSE ATTAINMENT
ACADEMIC YEAR: 2021-2022
BATCH – 2021-2025

PROGRAMME: B.PHARMACY SEMESTER: I

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESSMENT (20%)	OVERALL COURSE ATTAINMENT (3)
HUMAN ANATOMY AND PHYSIOLOGY – I	BP101T	2.12	0.43	2.55
PHARMACEUTICAL ANALYSIS – I	BP102T	2.16	0.42	2.58
PHARMACEUTICS –I	BP103T	1.79	0.51	2.30
PHARMACEUTICAL INORGANIC CHEMISTRY – I THEORY	BP104T	1.84	0.47	2.31
COMMUNICATION SKILLS - THEORY	BP105T	2.36	0.50	2.86
REMEDIAL MATHEMATICS	BP106RM	1.16	0.50	1.66
REMEDIAL BIOLOGY	BP106RB	1.99	0.39	2.38
HUMAN ANATOMY AND PHYSIOLOGY – I	BP107P	2.30	0.53	2.83
PHARMACEUTICAL ANALYSIS–I	BP108P	1.85	0.47	2.32
PHARMACEUTICS –I	BP109P	2.11	0.53	2.64
PHARMACEUTICAL INORGANIC CHEMISTRY – I	BP110P	1.89	0.48	2.37
COMMUNICATION SKILLS	BP111P	2.16	0.46	2.62
REMEDIAL BIOLOGY	BP112P	2.27	0.42	2.69


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ACADEMIC YEAR: 2021-2022

BATCH - 2021-2025

PROGRAMME: B.PHARMACY SEMESTER: II

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESSMENT (20%)	OVERALL COURSE ATTAINMENT (3)
HUMAN ANATOMY AND PHYSIOLOGY - II	BP201T	2.04	0.44	2.48
PHARMACEUTICAL ORGANIC CHEMISTRY - I	BP202T	1.34	0.39	1.73
BIOCHEMISTRY	BP203T	1.66	0.37	2.03
PATHOPHYSIOLOGY	BP204T	1.37	0.40	1.77
COMPUTER APPLICATION IN PHARMACY	BP205T	2.21	0.47	2.68
ENVIRONMENTAL SCIENCES	BP206T	2.34	0.53	2.87
HUMAN ANATOMY AND PHYSIOLOGY - II	BP207P	2.18	0.55	2.73
PHARMACEUTICAL ORGANIC CHEMISTRY - I	BP208P	1.85	0.48	2.33
BIOCHEMISTRY	BP209P	1.79	0.39	2.18
COMPUTER APPLICATION IN PHARMACY	BP210P	1.85	0.35	2.20



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BATCH – 2020-2024

PROGRAMME: B.PHARMACY SEMESTER: III

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESSMENT (20%)	OVERALL COURSE ATTAINMENT (3)
PHARMACEUTICAL ORGANIC CHEMISTRY – II	BP301T	2.16	0.39	2.55
PHYSICAL PHARMACEUTICS –I	BP302T	1.86	0.53	2.39
PHARMACEUTICAL MICROBIOLOGY	BP303T	2.00	0.41	2.41
PHARMACEUTICAL ENGINEERING	BP304T	1.44	0.44	1.88
PROFESSIONAL ETHICS AND HUMAN VALUES	BP305T	2.40	0.57	2.97
PHARMACEUTICAL ORGANIC CHEMISTRY – II	BP305P	1.85	0.48	2.33
PHYSICAL PHARMACEUTICS	BP306P	2.40	0.55	2.95
PHARMACEUTICAL MICROBIOLOGY	BP307P	1.65	0.49	2.14
PHARMACEUTICAL ENGINEERING	BP308P	2.32	0.54	2.86


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ACADEMIC YEAR: 2021-2022

BATCH - 2020-2024

PROGRAMME: B.PHARMACY SEMESTER: IV

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESSMENT (20%)	OVERALL COURSE ATTAINMENT (3)
PHARMACEUTICAL ORGANIC CHEMISTRY - III	BP401T	2.02	0.39	2.41
MEDICINAL CHEMISTRY - I	BP402T	1.82	0.43	2.25
PHYSICAL PHARMACEUTICS - II	BP403T	1.80	0.46	2.26
PHARMACOLOGY - I	BP404T	1.29	0.51	1.80
PHARMACOGNOSY & PHYTOCHEMISTRY - I	BP405T	2.08	0.48	2.56
MEDICINAL CHEMISTRY - I	BP406P	1.86	0.50	2.36
PHYSICAL PHARMACEUTICS - II	BP407P	2.39	0.52	2.91
PHARMACOLOGY - I	BP408P	2.31	0.54	2.85
PHARMACOGNOSY & PHYTOCHEMISTRY - I	BP409P	1.47	0.44	1.91



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OVER ALL COURSE ATTAINMENT
ACADEMIC YEAR: 2021-2022
BATCH - 2019-2023

PROGRAMME: B.PHARMACY

SEMESTER: V

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESMENT (20%)	OVERALL COURSE ATTAINMENT (3)
MEDICINAL CHEMISTRY-II	BP501T	1.71	0.38	2.09
INDUSTRIAL PHARMACY-I	BP502T	1.41	0.46	1.87
PHARMACOLOGY-II	BP503T	1.39	0.41	1.80
PHARMACOGNOSY AND PHYTOCHEMISTRY-II	BP504T	1.58	0.52	2.1
PHARMACEUTICAL JURISPRUDENCE	BP505T	2.15	0.49	2.64
INDUSTRIAL PHARMACY-I	BP506P	2.38	0.54	2.92
PHARMACOLOGY-II	BP507P	2.10	0.36	2.46
PHARMACOGNOSY AND PHYTOCHEMISTRY-II	BP508P	2.38	0.47	2.85


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OVER ALL COURSE ATTAINMENT
ACADEMIC YEAR: 2021-2022
BATCH - 2019-2023

PROGRAMME: B.PHARMACY

SEMESTER: VI

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESMENT (20%)	OVERALL COURSE ATTAINMENT (3)
MEDICINAL CHEMISTRY - III	BP 601 T	1.74	0.39	2.13
PHARMACOLOGY - III	BP 602 T	1.66	0.4	2.06
HERBAL DRUG TECHNOLOGY	BP 603 T	1.75	0.36	2.11
BIOPHARMACEUTICS & PHARMACOKINETICS	BP 604 T	1.03	0.42	1.45
PHARMACEUTICAL BIOTECHNOLOGY	BP 605 T	1.67	0.4	2.07
QUALITY ASSURANCE	BP 606 T	2.11	0.46	2.57
MEDICINAL CHEMISTRY - III	BP 607 P	1.78	0.52	2.31
PHARMACOLOGY - III	BP 608 P	1.93	0.49	2.42
HERBAL DRUG TECHNOLOGY	BP 609 P	1.54	0.44	1.98


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PROGRAMME: B.PHARMACY

SEMESTER: VII

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESSMENT (20%)	OVERALL COURSE ATTAINMENT (3)
INSTRUMENTAL METHODS OF ANALYSIS	BP 701 T	1.99	0.36	2.35
INDUSTRIAL PHARMACY – II	BP 702 T	1.83	0.52	2.35
PHARMACY PRACTICE	BP 703 T	1.78	0.47	2.25
NOVEL DRUG DELIVERY SYSTEM	BP 704 T	2.30	0.51	2.81
INSTRUMENTAL METHODS OF ANALYSIS	BP 705 P	1.64	0.50	2.14
PRACTICE SCHOOL	BP 706 PS	1.80	0.50	2.14


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AY : 2021 - 2022
Batch : 2018 - 2022

PROGRAMME: B.PHARMACY

SEMESTER: VIII

COURSE NAME	COURSE CODE	SEMESTER END ATTAINMENT (80%)	INTERNAL ASSESMENT (20%)	OVERALL COURSE ATTAINMENT (3)
BIostatistics & RESEARCH METHODOLOGY	BP801T	1.62	0.34	1.96
SOCIAL AND PREVENTIVE PHARMACY	BP802T	1.79	0.43	2.22
PHARMACEUTICAL REGULATORY SCIENCE	BP804ET	2.06	0.50	2.56
PHARMACOVIGILANCE	BP805ET	1.87	0.45	2.32
ADVANCED INSTRUMENTAL TECHNIQUES	BP811ET	1.78	0.35	2.13
PROJECT WORK	BP813PW	2.88	-	2.88


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B.Pharmacy (2018 - 2022) - PO Attainment

Name of the Course	Course Code	Program outcomes										Average Outcomes	
		1	2	3	4	5	6	7	8	9	10		11
I/IV B.Pharmacy (1st Semester)													
Human Anatomy and Physiology-I (Theory)	BP101T	2.48	2.21	2.07	1.65		1.49		1.65	1.51	1.45	2.48	1.89
Pharmaceutical Analysis - I (Theory)	BP102T	1.85	1.85	1.68	1.18	1.35	1.35				1.35	1.23	1.48
Pharmaceutics – I (Theory)	BP103T	2.36	1.81	2.72	2.72		2.36	1.81			1.81	1.81	2.18
Pharmaceutical Inorganic chemistry (Theory)	BP104T	1.90	1.67	1.52			1.52			1.52	1.52		1.61
Communication Skills (Theory)	BP105T	2.16	1.88			2.35	1.88		2.16	1.88		2.82	2.16
Remedial Biology (Theory)	BP106RBT	2.08	1.59	1.71			1.28		0.98	1.96	0.73	1.71	1.50
Remedial Mathematics (Theory)	BP106RMT	1.88	2.16	2.63	1.88							2.82	2.27
Human Anatomy and Physiology-I (Practical)	BP107P	2.60	1.95	2.43	2.43		1.95		1.95	1.95	1.95	2.27	2.16
Pharmaceutical Analysis - I (Theory)	BP108P	2.10	2.10	2.10	1.65				1.94		1.94	1.94	1.96
Pharmaceutics – I (Practical)	BP109P	2.93	2.44	2.93	1.95		2.93					2.93	2.69
Pharmaceutical Inorganic chemistry (Practical)	BP110P	2.28	2.19	1.90			1.90			1.90	1.90	1.90	2.00
Communication Skills (Practical)	BP111P	2.98			1.99		1.99		2.28			2.48	2.34
Remedial Biology (Practical)	BP112RBP	2.70	2.38	2.86	1.91		1.43			1.91		1.43	2.09
I/IV B.Pharmacy (2nd Semester)													
Human Anatomy and Physiology - II (Theory)	BP 201 T	2.62	2.03	2.45			1.60			1.75	1.31	2.33	2.01
Pharmaceutical Organic Chemistry – I (Theory)	BP 202 T	2.19	1.90	1.83	1.83					2.19	2.19	1.83	1.99
Biochemistry (Theory)	BP 203 T	2.98	2.98	2.98	2.98		2.48		1.99	2.48		2.98	2.73
Pathophysiology (Theory)	BP 204 T	2.86	2.86	2.86			2.86		1.91	2.54		1.91	2.54
Computer Applications in Pharmacy (Theory)	BP 205 T	2.39	2.22	2.56	2.13			2.56				2.22	2.35
Environmental Sciences (Theory)	BP 206 T	2.10	1.91	1.91	1.44		1.91		2.39		2.39	1.53	1.95

Human Anatomy and Physiology - II (Practical)	BP 207 P	2.03	1.72	1.86	1.86		1.31			1.43	0.95	1.79	1.62
Pharmaceutical Organic Chemistry – I (Practical)	BP 208 P	1.89	2.02	1.75	1.75		2.02		2.02	2.02	2.02	1.75	1.92
Biochemistry (Practical)	BP 209 P	2.34		2.34			1.95		2.34	2.08			2.21
Computer Applications in Pharmacy (Practical)	BP 210 P	2.73	2.44	2.44	2.93				2.93			2.93	2.73
II B. Pharmacy (3rd Semester)													
Pharmaceutical Organic Chemistry – II (Theory)	BP 301 T	1.90	2.28	2.28			2.28		2.28		1.75	1.52	2.04
Physical Pharmaceutics - I (Theory)	BP 302 T	2.58	2.58	2.15	2.58							2.58	2.49
Pharmaceutical Microbiology (Theory)	BP 303 T	1.81	2.05	2.36					1.57			2.36	2.03
Pharmaceutical Engineering (Theory)	BP 304 T	2.22	2.07	2.07	2.07	1.77		1.77	2.66	2.07		2.37	2.12
Pharmaceutical Organic Chemistry – II (Practical)	BP 305 P	2.43	2.80	2.33	2.33				1.87	2.80	2.43		2.43
Physical Pharmaceutics - I (Practical)	BP 306 P	2.90	2.90		2.66				2.90		2.90		2.85
Pharmaceutical Microbiology (Practical)	BP 307 P	2.42	2.51	2.90					2.90			1.93	2.53
Pharmaceutical Engineering (Practical)	BP 308 P	2.38	2.38	2.86	2.15	2.86		1.91	1.91	1.91		2.38	2.30
II B. Pharmacy (4th Semester)													
Pharmaceutical Organic Chemistry – III (Theory)	BP401T	1.49	1.19	1.49	1.19						1.19	1.55	1.35
Medicinal Chemistry – I (Theory)	BP402T	1.38	1.11	1.11	1.11		1.11			1.11	1.11	1.49	1.19
Physical Pharmaceutics - II (Theory)	BP403T	2.35	1.18	1.57	1.57							1.83	1.70
Pharmacology - I (Theory)	BP404T	1.74	1.74	2.24	0.75		1.19	1.62	1.34	1.87	0.75	1.74	1.50
Pharmacognosy and Photochemistry – I (Theory)	BP405T	1.94	2.06	2.06	1.79		1.72	2.06	2.06	2.06	2.06	1.37	1.92
Medicinal Chemistry – I (Practical)	BP406P	2.64	1.92	2.16			1.92			1.92	1.92	1.92	2.06
Physical Pharmaceutics - II (Practical)	BP407P	2.36	1.97	2.21	1.97							1.57	2.02
Pharmacology - I (Practical)	BP408P	2.21	1.43	1.90	2.38		1.59	2.21	1.33		1.90	2.21	1.91

Pharmacognosy and Photochemistry – I (Practical)	BP409P	2.85	2.85	2.85	1.71		2.85	2.85	2.61		2.21	2.60
III B. Pharmacy (5th Semester)												
Medicinal Chemistry – II (Theory)	BP501T	1.43	1.14	1.14		1.57			1.14	1.14	1.37	1.27
Industrial Pharmacy – I (Theory)	BP502T	1.85	1.23	1.70	1.23	1.36				1.85	1.85	1.54
Pharmacology – II (Theory)	BP503T	1.15	0.99	1.09		0.99	1.09	1.07	0.74	0.99	1.15	1.03
Pharmacognosy and Photochemistry – II (Theory)	BP504T	2.27	2.27	2.27	1.36	0.76	1.89	1.89	2.08	1.76	1.36	1.97
Pharmaceutical Pharmacy – I (Theory)	BP505T	2.27	1.81	1.81		2.09	2.27		2.27		2.54	2.15
Industrial Pharmacy – I (Practical)	BP506P	2.63	1.95	2.24	2.43	2.92	2.92				2.63	2.53
Pharmacology – II (Practical)	BP507P	2.14	1.68	2.14	2.29		1.22	1.83	1.22		2.14	1.83
Pharmacognosy and Photochemistry – II (Practical)	BP508P	2.75	2.75	2.38	1.60	1.38	1.83	2.29	1.83	1.28	2.02	2.01
III B. Pharmacy (6th Semester)												
Medicinal Chemistry – III (Theory)	BP601T	0.88	0.81	0.77	0.71	0.71	0.65		0.71	0.80	0.71	0.82
Pharmacology – III (Theory)	BP602T	1.17	1.00	1.00	0.50		1.00	1.09	1.00	1.10		1.17
Herbal Drug Technology (Theory)	BP603T	2.19	1.46	1.46			1.34			1.34	1.46	1.53
Biopharmaceutics and Pharmacokinetics (Theory)	BP604T	1.95	1.56	1.56	1.56	1.56	1.56	2.34				1.72
Pharmaceutical Biotechnology (Theory)	BP605T	2.18	2.18	2.01				1.75			1.75	1.97
Quality Assurance (Theory)	BP606T	0.82	0.65	0.65	0.82	0.65	0.65	0.65	0.82	0.65	0.65	0.70
Medicinal Chemistry – III (Practical)	BP607P	1.74	1.61	1.61	1.77		1.61			1.61	1.61	2.02
Pharmacology – III (Practical)	BP608P	1.68	1.82	1.68	1.68		1.68	1.68	1.54	1.40		1.96
Herbal Drug Technology (Practical)	BP609P	2.09	1.61	1.61	2.01		1.41	1.61	1.61	2.01		2.09
IV B. Pharmacy (7th Semester)												
Instrumental Methods of Analysis (Theory)	BP701T	1.80	1.57	1.72	1.72	2.35	1.18	1.18	2.35	1.57	1.96	1.57
Industrial Pharmacy – II (Theory)	BP702T	1.96	1.57	1.57	1.57	1.57				1.57	1.57	1.62
Pharmacy Practice (Theory)	BP703T	2.25	2.25	1.73	1.69	1.50	1.73	1.69	1.75	1.75		1.80
Novel Drug Delivery System (Theory)	BP704T	2.81	2.81	1.87	1.87		1.87	1.87	1.87	1.87		2.34

Instrumental Methods of Analysis (Practical)	BP705P	1.64	2.14	2.00	1.78	1.43	1.43	1.43	1.78	1.78	1.78	1.64	1.71
Practice School	BP706PS	2.30	2.30	2.30		2.30						2.30	2.30
IV B.Pharmacy (8th Semester)													
Biostatistics and Research Methodology	BP801T	1.44	1.11	1.31	1.11			0.65				1.31	1.15
Social and Preventive Pharmacy	BP802T	2.22	1.48	1.48	1.48	1.48	1.48	1.48	1.85	1.63	1.48	1.11	1.56
Pharma Marketing Management	BP803ET												#DIV/0!
Pharmaceutical Regulatory Science	BP804ET	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
Pharmacovigilance	BP805ET	2.19	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55		1.55	1.61
Quality Control and Standardization of Herbals	BP806ET												#DIV/0!
Computer Aided Drug Design	BP807ET												#DIV/0!
Cell and Molecular Biology	BP808ET												#DIV/0!
Cosmetic Science	BP809ET												#DIV/0!
Pharmacological Screening Methods	BP810ET												#DIV/0!
Advanced Instrumentation Techniques	BP811ET	1.63	1.42	1.92	1.63	1.42	1.78	1.42	1.42	1.42	1.42	1.63	1.56
Dietary Supplements and Nutraceuticals	BP812ET												#DIV/0!
Project Work	BP813PW	2.88	2.50	1.92	2.69	2.88	2.21	2.40	2.59	2.21	2.40	2.88	2.50
Average (Direct PO Attainment)		2.16	1.93	1.99	1.81	1.69	1.73	1.76	1.87	1.77	1.62	1.95	1.84
Direct PO Attainment (80%)		1.73	1.54	1.59	1.45	1.36	1.39	1.41	1.49	1.41	1.29	1.56	1.47
Indirect PO Attainment		3	2.92	2.85	3	2.86	2.95	2.96	2.92	2.85	2.89	2.86	2.91
Indirect PO Attainment (20%)		0.60	0.58	0.57	0.60	0.57	0.59	0.59	0.58	0.57	0.58	0.57	0.58
Total PO Attainment		2.33	2.13	2.16	2.05	1.93	1.98	2.00	2.08	1.98	1.87	2.13	2.06
Set Target Attainment		2.13	1.87	1.93	1.75	1.72	1.70	1.75	1.81	1.79	1.66	1.93	1.82
Attained		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	

NOTE: Y= ATTAINED, N= NOT ATTAINED

CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES
(AUTONOMOUS)
CO-PSO ATTAINMENT of B.Pharmacy (2018-2022) (PCI)

Code and Course	PSO-1	PSO-2	PSO-3	PSO-4	PSO-5	Program Specific
I Semester						
BP101 T - Human anatomy and Physiology-I	1.82	2.07		2.07	1.98	1.98
BP102 T - Pharmaceutical Analysis-I	1.23	1.12	1.18	1.57	1.57	1.33
BP103 T - Pharmaceutics-I	1.97	1.99	2.54	2.27	1.99	2.15
BP104 T - Pharmaceutical Inorganic Chemistry	1.39	1.27	1.27	1.27	1.39	1.32
BP105 T - Communication Skills	2.44	2.35	2.35	2.35	2.35	2.37
BP106 RBT - Remedial Biology	1.83	1.83	2.20	2.20	1.76	1.97
BP106 RMT - Remedial Mathematics	2.59	2.26	2.63	2.26	2.82	2.51
BP107 P - Human Anatomy and Physiology-I	2.68	2.53		2.68		2.63
BP108 P - Pharmaceutical Analysis-I	1.94	1.94	1.46	1.62	1.46	1.68
BP109 P - Pharmaceutics-I	1.95	2.28	2.15	2.12	2.12	2.12
BP110 P - Pharmaceutical Inorganic Chemistry	1.90	1.74	1.43	1.59	1.74	1.68
BP111 P - Communication Skills	1.49	1.82	1.82	1.49	1.66	1.65
BP112 RBP - Remedial Biology	2.48	2.62	2.10	2.29	2.29	2.35
II Semester						
BP201 T - Human anatomy and physiology-II	1.97	1.97		1.97	2.10	2.00
BP202 T - Pharmaceutical organic chemistry-I	1.46	1.46	0.97	1.10	1.10	1.22
BP203 T - Biochemistry	2.38	2.58	2.58	2.38	2.48	2.48
BP204 T - Pathophysiology	2.62	2.48	2.29	2.48	2.38	2.45
BP205 T - Computer Applications in Pharmacy	2.35	2.05	2.13	2.22	2.22	2.19
BP206 T - Environmental Studies	2.39	2.49	2.15	2.49	2.30	2.36
BP207 P - Human Anatomy and Physiology-II	1.97	1.86	1.79	2.15	1.97	1.95
BP208 P - Pharmaceutical Organic Chemistry-I	1.35	1.23	1.08	0.81	0.94	1.08
BP209 P - Biochemistry	1.76	1.72	1.95	2.15	1.76	1.86
BP210 P - Computer applications in Pharmacy	2.34	2.69	2.54	2.34	2.44	2.47
III Semester						
BP301 T Pharmaceutical Organic Chemistry-II	1.52	1.52	1.27	1.27	1.14	1.34
BP302 T - Physical Pharmaceutics I	1.87	1.87	2.00	1.87	2.00	1.92
BP303 T - Pharmaceutical Microbiology	1.97	2.10	1.97	2.10	2.10	2.05
BP304 T - Pharmaceutical Engineering	2.07	1.92	2.07	2.22	2.07	2.07

BP305 T - Professional Ethics and Human Values	1.87	1.87	1.31	1.49	1.31	1.57
BP305 P - Pharmaceutical Organic Chemistry-II	1.93	1.93	1.35	1.55	1.35	1.62
BP306 P -Physical Pharmaceuticals I	2.42	2.32	2.25	2.13	2.42	2.31
BP307 P - Pharmaceutical Microbiology	2.38	2.55	2.55	2.55	2.22	2.45
BP308 P - Pharmaceutical Engineering	2.42	2.42	2.42	2.25	2.25	2.35
IV Semester						
BP401 T - Pharmaceutical Organic Chemistry-II	1.19	1.00	1.09	0.90	1.00	1.03
BP402 T - Medicinal Chemistry-I	1.11	0.92	1.20	0.83	0.92	1.00
BP403 T - Physical Pharmaceuticals-II	1.70	1.96	1.70	1.96	1.96	1.85
BP404 T - Pharmacology-I	1.49	1.37	1.25	1.37	1.12	1.32
BP405 T - Pharmacognosy and Phytochemistry-I	1.26	1.26	1.49	1.15	0.91	1.21
BP406 P - Medicinal Chemistry-I	2.64	2.30	2.69	2.30	2.69	2.52
BP407 P - Physical Pharmaceuticals-II	2.13	2.16	2.75	2.46	2.16	2.33
BP408 P - Pharmacology-I	1.90	2.21	1.90	1.74	1.43	1.84
BP409 P - Pharmacognosy and Phytochemistry-I	1.90	2.47	1.33	1.52	1.52	1.75
V Semester						
BP501 T - Medicinal Chemistry-II	1.14	0.95	0.86	0.95	0.86	0.95
BP502 T - Industrial Pharmacy-I	1.54	1.54	1.44	1.54	1.44	1.50
BP503 T - Pharmacology-II	0.99	0.74	0.74	0.90	0.74	0.82
BP504 T - Pharmacognosy and Phytochemistry-II	2.12	1.82	1.97	1.97	1.89	1.95
BP505 T - Pharmaceutical Jurisprudence	2.18	2.49	2.27	2.27	2.27	2.29
BP506 P - Industrial Pharmacy-I	1.95	1.95	1.95	1.75	1.75	1.87
BP507 P - Pharmacology-II	1.83	2.14	1.53	1.83	1.68	1.80
BP508 P - Pharmacognosy and Phytochemistry-II	1.83	2.02	1.83	2.02	1.65	1.87
VI Semester						
BP601 T - Medicinal Chemistry-III	0.77	0.77	0.71	0.77	0.88	0.78
BP602 T - Pharmacology-III	1.00	1.09	1.00	1.50	1.09	1.13
BP603 T - Herbal Drug Technology	1.22	1.46	1.58	1.70	1.95	1.58
BP604 T - Biopharmaceutics and Pharmacokinetics	1.69	1.72	2.18	1.95	1.56	1.82
BP605 T - Pharmaceutical Biotechnology	1.75	1.31	2.03	2.03	2.18	1.86
BP606 T - Pharmaceutical Quality Assurance	0.43	0.55	0.71	0.65	0.65	0.60
BP607 P - Medicinal Chemistry-III	1.48	1.35	1.61	1.61	1.61	1.53
BP608 P - Pharmacology-III	2.18	2.18	2.02	2.18	1.89	2.09
BP609 P - Herbal Drug Technology	1.47	1.61	1.47	1.21	1.34	1.42

VII Semester									
BP701 T - Instrumental Methods of Analysis	1.57	1.57	1.43	1.18	1.43	1.44			
BP702 T - Industrial Pharmacy-II	1.83	1.83	2.22	1.96	1.83	1.93			
BP703 T - Pharmacy Practice	1.95	1.75	2.00	1.65	1.95	1.86			
BP704 T - Novel Drug Delivery System	1.56	1.56	1.56	1.10	1.41	1.44			
BP705 P - Instrumental Methods of Analysis	1.31	1.31	1.07	1.07	1.19	1.19			
BP706 PS - Practice School	2.30	2.05	1.53	1.79	2.30	1.99			
VIII Semester									
BP801 T - Biostatistics and Research Methodology	1.96	1.74	1.31	1.52	1.96	1.70			
BP802 T - Social and Preventive Pharmacy	2.22		2.22	2.22	1.85	2.13			
BP804 ET - Pharmaceutical Regulatory Science	1.85			2.13	2.13	2.04			
BP805 ET - Pharmacovigilance	2.19	2.32		2.19	1.93	2.16			
BP811 ET - Advanced Instrumentation Techniques	1.78	2.01	1.42		1.42	1.66			
BP813 PW - Project Work	2.88	2.64	2.40	2.16	2.88	2.59			
Average (Direct PSO attainment)	1.84	1.84	1.76	1.79	1.75	1.81			
Direct PSO attainment (80%)	1.47	1.47	1.41	1.43	1.40	1.44			
Indirect PSO attainment	2.85	2.65	2.93	2.63	2.84	1.16			
Indirect PSO attainment (20%)	0.57	0.53	0.59	0.53	0.57	0.23			
Total PSO attainment	2.04	2.00	1.99	1.96	1.97	1.68			
SET TARGET ATTAINMENT	1.80	1.78	1.72	1.75	1.72	1.76			
	Y	Y	Y	Y	Y	Y			Y

NOTE: Y - Attained, N - Not Attained

PROGRAM : PHARM.D

Course outcome Attainment for the Academic year 2021 - 2022

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I/IV Pharm.D

COURSE OUTCOME ATTAINMENT (2021 - 2027)

Course Name	Course Code	Yearend Attainment (80%)	Internal Attainment (20%)	COs Attainment
I Pharm.D				
Human Anatomy and Physiology	1.1 T	2.27	0.51	2.78
Pharmaceutics	1.2 T	2.35	0.56	2.91
Medicinal Bio Chemistry	1.3 T	2.28	0.51	2.79
Pharmaceutical organic Chemistry	1.4 T	1.93	0.48	2.41
Pharmaceutical Inorganic Chemistry	1.5 T	2.24	0.53	2.77
Remedial Mathematics	1.6 T	2.02	0.49	2.51
Remedial Biology	1.6 T	1.39	0.47	1.86
Human Anatomy and Physiology	1.1 P	1.97	0.50	2.47
Pharmaceutics	1.2 P	2.40	0.48	2.88
Medicinal Bio Chemistry	1.3 P	2.08	0.45	2.53
Pharmaceutical organic Chemistry	1.4 P	2.10	0.45	2.55
Pharmaceutical Inorganic Chemistry	1.5 P	2.14	0.50	2.64
Remedial Biology	1.6 P	1.73	0.54	2.27


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II Pharm.D (2020-2026) COURSE OUTCOME ATTAINMENT

	2.1 T	2.07	0.54	2.61
Pathophysiology				
Pharmaceutical Microbiology	2.2 T	2.37	0.50	2.87
Pharmacognosy & Phytopharmaceuticals	2.3 T	1.90	0.50	2.40
Pharmacology - I	2.4 T	2.16	0.50	2.66
Community Pharmacy	2.5 T	1.85	0.51	2.36
Pharmacotherapeutics - I	2.6 T	1.50	0.48	1.98
Pharmaceutical Microbiology	2.2 P	2.34	0.50	2.84
Pharmacognosy & Phytopharmaceuticals	2.3 P	2.24	0.48	2.72
Pharmacotherapeutics - I	2.6 P	2.40	0.43	2.83
		<i>Year and attainment [80%]</i>	<i>Sessional [20%]</i>	<i>Course outcome attainment [100%]</i>


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III Pharm.D (2019-2025) Course Outcome Attainment

Pharmacology - II	3.1 T	1.92	0.49	2.41
Pharmaceutical Analysis	3.2 T	2.21	0.44	2.65
Pharmacotherapeutics - II	3.3 T	2.05	0.56	2.61
Pharmaceutical Jurisprudence	3.4 T	1.68	0.54	2.22
Medicinal Chemistry	3.5 T	1.65	0.53	2.18
Pharmaceutical Formulations	3.6 T	2.20	0.57	2.77
Pharmacology - II	3.1 P	1.72	0.47	2.19
Pharmaceutical Analysis	3.2 P	2.12	0.41	2.53
Pharmacotherapeutics - II	3.3 P	2.32	0.57	2.89
Medicinal Chemistry	3.5 P	2.31	0.55	2.86
Pharmaceutical Formulations	3.6 P	2.40	0.54	2.94
		Year end attainment [80%]	Sessional attainment [20%]	Course outcome attainment [100%]

Pamela

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IV Pharm.D (2018-2024) Course Outcome Attainment

Pharmacotherapeutics - III	4.1 T	2.28	0.52	2.80
Hospital Pharmacy	4.2 T	2.21	0.57	2.78
Clinical Pharmacy	4.3 T	2.18	0.56	2.74
Biostatistics & Research Methodology	4.4 T	1.97	0.54	2.51
Biopharmaceutics & Pharmacokinetics	4.5 T	1.79	0.55	2.34
Clinical Toxicology	4.6 T	2.30	0.52	2.82
Pharmacotherapeutics - III	4.1 P	2.21	0.47	2.68
Hospital Pharmacy	4.2 P	2.38	0.49	2.87
Clinical Pharmacy	4.3 P	2.37	0.50	2.87
Biopharmaceutics & Pharmacokinetics	4.5 P	2.39	0.53	2.92

Year end
attainment
[80%]

Sessional
attainment
[20%]

Overall course
outcome attainment
[100%]



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V Pharm.D (2017-2023) Course Outcome Attainment

Clinical Research	5.1 T	1.60	0.55	2.15
Pharmacoeconomics	5.2 T	2.31	0.52	2.83
Pharmacotherapeutic drug monitoring	5.3 T	1.90	0.54	2.44
Clerkship	5.4 P	2.27	0.52	2.79
Project Work	5.5 P	2.33	0.53	2.86

year and
attainment
[80%]

Seasonal
attainment
[20%]

Overall course outcome
attainment
[100%]



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Co – PO Attainment of courses for all years of study (2016 - 2022) Batch

Name of the Course	Course Code	Program outcomes										Average	
		Outcomes											
		1	2	3	4	5	6	7	8	9	10		11
I Pharm.D													
Human Anatomy and Physiology	1.1 T	1.92	1.53	1.00	1.15	1.00				1.76	1.76	2.30	1.55
Pharmaceutics	1.2 T	1.40		0.70									1.05
Medicinal Chemistry	1.3 T	1.99	2.30	1.92	1.53		1.99		2.30	1.76	1.53	1.76	1.90
Pharmaceutical organic Chemistry	1.4 T	0.65		1.10		0.75			0.75		1.00	0.90	0.86
Pharmaceutical Inorganic Chemistry	1.5 T	1.04		1.84		1.20			1.20		1.60	1.44	1.39
Remedial Mathematics	1.6 T	2.20				1.25	2.20	1.83	0.73	0.73		1.47	1.49
Remedial Biology	1.6 T	1.07		0.80	0.67					0.67	1.20	2.00	1.07
Human Anatomy and Physiology	1.1 P	2.40	1.76	1.60	1.04	1.60				1.36	1.44	2.40	1.70
Pharmaceutics	1.2 P	0.80		1.60								1.60	1.33
Medicinal Chemistry	1.3 P	2.40	1.84	2.40	1.60		2.08		1.60	1.60		2.00	1.94
Pharmaceutical organic Chemistry	1.4 P	1.60		1.44		1.44	1.60		0.96	1.60		1.44	1.44
Pharmaceutical Inorganic Chemistry	1.5 P	1.67		1.50		1.50	1.67		1.00	1.67		1.50	1.50
Remedial Biology	1.6 P	1.25	0.83	0.83						0.83	1.67	2.50	1.32
II Pharm.D													
Pathophysiology	2.1 T	2.30	2.30		1.15	1.76		1.53	1.53	1.53	1.53	2.30	1.77
Pharmaceutical Microbiology	2.2 T	1.92	1.92	2.15		2.30						1.53	1.96
Pharmacognosy & Phytopharmaceuticals	2.3 T	1.20		1.02		0.78	1.20	1.20			1.20	1.20	1.11
Pharmacology - I	2.4 T	1.68	1.68	1.32	1.20	1.62				1.80	1.80	1.80	1.61
Community Pharmacy	2.5 T	2.30	1.92	1.99	2.30	1.92	2.30	1.53	1.92	1.99	2.30	1.76	2.02
Pharmacotherapeutics - I	2.6 T	2.00	2.00	2.00	1.33	1.33	2.00	1.33	1.67	2.00		2.00	1.77
Pharmaceutical Microbiology	2.2 P	2.10	1.40	2.10		2.10						1.40	1.82

Pharmacognosy & Phytopharmaceuticals	2.3 P	1.25		0.83	0.83	0.83			1.67	1.67	1.67	1.67	1.25	1.30
Pharmacotherapeutics - I	2.6 P	2.40	2.00	2.40	1.60	1.84	2.40	2.40	2.40	2.40	1.84	1.60	2.40	2.12
III Pharm.D														
Pharmacology - II	3.1 T	2.00	2.00	1.80		1.33					2.00	2.00	2.00	1.88
Pharmaceutical Analysis	3.2 T	1.03	0.93	1.17	1.03	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.84	0.96
Pharmacotherapeutics - II	3.3 T	1.33	1.07	1.44	1.60	1.07	1.07	1.07	1.33	1.07	1.07	1.07	1.07	1.20
Pharmaceutical Jurisprudence	3.4 T	1.53	1.20	1.00			1.67	1.00					1.67	1.34
Medicinal Chemistry	3.5 T	0.93	0.93	0.93				1.40					1.40	1.12
Pharmaceutical Formulations	3.6 T	0.93		0.93		1.40	0.93						0.93	1.03
Pharmacology - II	3.1 P	1.53	0.77	0.77				0.77	0.77	0.77	0.77	0.77	1.15	0.91
Pharmaceutical Analysis	3.2 P	1.76	1.76	1.76	1.92	1.92	1.53	1.53	1.53	1.53	1.53	1.60	1.69	1.68
Pharmacotherapeutics - II	3.3 P	2.40	2.40	2.40	1.60	2.40	1.60	1.60	2.00	1.60	1.60	1.60	2.40	2.00
Medicinal Chemistry	3.5 P	1.84		1.84			1.53						1.53	1.69
Pharmaceutical Formulations	3.6 P	2.30		1.53		2.30	1.53		1.53				1.53	1.79
IV Pharm.D														
Pharmacotherapeutics - III	4.1 T	1.39	1.60	1.60	1.33	1.07	1.39	1.07	1.39	1.39			1.07	1.33
Hospital Pharmacy	4.2 T	2.20	0.73		1.47	2.20	1.98	1.83	2.20	1.47	1.83	2.20	1.81	
Clinical Pharmacy	4.3 T	2.20	1.47	2.20		1.47	2.20	1.47	2.20	1.83	2.20	2.20	1.94	
Biostatistics & Research Methodology	4.4 T	2.30			1.53	1.53	2.30	1.53	1.53	1.53	2.30	1.92	1.83	
Biopharmaceutics & Pharmacokinetics	4.5 T	1.70	1.13	1.13	1.13	1.13	1.13	1.13		1.13		1.70	1.26	
Clinical Toxicology	4.6 T	2.20	1.47	0.73	1.47	1.47	2.20	2.20		1.47		1.47	1.63	
Pharmacotherapeutics - III	4.1 P	2.17	2.08	2.17		1.67	2.08	1.67	2.50	1.92		2.08	2.04	
Hospital Pharmacy	4.2 P	1.67	1.67			1.92	1.67	2.50	1.25	1.67	2.50	2.50	1.93	
Clinical Pharmacy	4.3 P	2.40	2.40	2.00	2.40		1.60		2.40	1.84	2.40		2.18	
Biopharmaceutics & Pharmacokinetics	4.5 P	2.40		1.60		2.40	1.60					1.60	1.92	
V Pharm.D														
Clinical Research	5.1 T	1.47	1.47			1.10		1.98		1.83	1.47	2.20	1.64	
Pharmacoepidemiology and Pharmacoeconomics	5.2 T	2.30	1.53		1.53	2.30	2.30	1.53	1.53		1.53	1.99	1.84	
Clerkship	5.3 T	2.20		2.20		1.83		2.20	1.47	1.69	1.47	1.10	1.77	

Pharmaceutical Biotechnology (Practical)	5.4 P	2.50				1.67	1.67	1.67	1.67	1.92		1.25	1.67	1.76
Project Work	5.5 P	1.67			2.50	1.67	2.50	1.67	1.67	1.67		1.67	2.50	1.98
VI Pharm.D														
Internship	6.1	1.92			0.83	1.92	1.67	2.50	2.08		1.67	2.08	1.83	
Average (Direct PO Attainment)		1.79	1.60	1.53	1.45	1.58	1.77	1.60	1.60	1.52	1.62	1.73	1.62	
Direct PO Attainment (80%)		1.43	1.28	1.23	1.16	1.26	1.41	1.28	1.28	1.21	1.29	1.39	1.29	
Indirect PO Attainment		2.86	2.95	2.92	2.87	2.93	2.84	2.85	2.95	2.93	2.95	2.89	2.90	
Indirect PO Attainment (20%)		0.57	0.59	0.58	0.57	0.59	0.57	0.57	0.59	0.59	0.59	0.58	0.58	
Total PO Attainment		2.01	1.87	1.81	1.73	1.85	1.98	1.85	1.87	1.80	1.88	1.96	1.87	
Set Target Attainment		1.97	1.80	1.74	1.62	1.74	1.93	1.77	1.71	1.67	1.76	1.91	1.78	
Attained		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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30/1/2023

PHARM.D PROGRAM

COURSE OUTCOME AND PROGRAM SPECIFIC OUTCOME ATTAINMENT

BATCH: 2016-2022

Code	Course	1	2	3	4	5	6	Average program specific outcomes
I Pharm.D								
1.1 T	Human Anatomy and Physiology	1.53	0.77	1.76	1.53	-	1.53	1.43
1.2 T	Pharmaceutics	2.10	1.19	1.40	1.40	-	0.70	1.36
1.3 T	Medicinal Chemistry	1.53	-	1.07	1.23	-	0.77	1.15
1.4 T	Pharmaceutical organic Chemistry	0.75	1.00	1.00	0.50	-	0.50	0.75
1.5 T	Pharmaceutical Inorganic Chemistry	1.60	1.60	1.60	1.20	-	0.80	1.36
1.6 RMT	Remedial Mathematics	1.25	1.47	1.25	1.10	-	0.73	1.16
1.6 RBT	Remedial Biology	1.33	-	-	-	0.67	1.00	1.00
1.1 P	Human Anatomy and Physiology	2.40	1.36	1.60	1.60	-	0.80	1.55
1.2 P	Pharmaceutics	1.60	-	1.60	1.84	-	0.80	1.46
1.3 P	Medicinal Chemistry	1.20	1.60	1.60	0.80	-	0.80	1.20
1.4 P	Pharmaceutical organic Chemistry	1.60	1.20	1.60	1.20	-	0.80	1.28
1.5 P	Pharmaceutical Inorganic Chemistry	1.67	1.67	1.67	1.67	-	1.67	1.67
1.6 RBP	Remedial Biology	1.42	1.42	1.25	1.67	-	0.83	1.32
II Pharm.D								
2.1 T	Pathophysiology	1.30	1.53	1.15	1.53	-	0.77	1.26
2.2 T	Pharmaceutical Microbiology	1.15	0.77	1.38	1.15	0.77	0.77	1.00
2.3 T	Pharmacognosy & Phytopharmaceuticals	0.60	0.60	0.60	0.60	-	0.60	0.60
2.4 T	Pharmacology - I	-	0.90	1.08	1.20	1.20	0.60	1.00
2.5 T	Community Pharmacy	0.77	1.53	1.53	1.00	-	1.15	1.20
2.6 T	Pharmacotherapeutics - I	0.67	-	1.33	1.33	-	0.67	1.00
2.2 P	Pharmaceutical Microbiology	0.70	0.70	0.70	0.70	-	0.70	0.70
2.3 P	Pharmacognosy & Phytopharmaceuticals	0.83	1.08	1.67	1.67	-	-	1.31
2.6 P	Pharmacotherapeutics - I	-	2.40	-	1.76	-	1.44	1.87
III Pharm.D								
3.1 T	Pharmacology - II	-	0.67	0.87	1.00	-	1.33	0.97
3.2 T	Pharmaceutical Analysis	0.47	0.70	-	0.93	0.47	0.93	0.70
3.3 T	Pharmacotherapeutics - II	0.53	1.33	1.07	1.07	-	0.53	0.91
3.4 T	Pharmaceutical Jurisprudence	0.67	0.67	-	1.33	1.33	1.00	1.00

3.5 T	Medicinal Chemistry	0.70	0.47	0.61	0.47	-	1.40	0.73
3.6 T	Pharmaceutical Formulations	0.47	0.79	0.47	-	0.93	0.70	0.67
3.1 P	Pharmacology - II	0.77	1.53	1.53	-	1.53	1.30	1.33
3.2 P	Pharmaceutical Analysis	0.77	0.77	-	0.77	0.77	1.00	0.81
3.3 P	Pharmacotherapeutics - II	0.80	-	1.84	1.04	-	1.20	1.22
3.5 P	Medicinal Chemistry	1.00	1.15	-	1.53	1.15	1.92	1.35
3.6 P	Pharmaceutical Formulations	0.77	1.53	-	-	-	1.00	1.10
IV Pharm.D								
4.1 T	Pharmacotherapeutics - III	1.07	-	1.17	1.07	-	0.80	1.03
4.2 T	Hospital Pharmacy	1.61	1.69	0.73	0.73	-	-	1.19
4.3 T	Clinical Pharmacy	0.73	1.47	1.47	1.32	0.73	1.47	1.20
4.4 T	Biostatistics & Research Methodology	1.53	1.53	1.53	-	0.77	1.15	1.30
4.5 T	Biopharmaceutics & Pharmacokinetics	0.57	0.57	0.85	0.85	0.85	-	0.74
4.6 T	Clinical Toxicology	0.73	0.73	1.47	1.47	1.47	1.47	1.22
4.1 P	Pharmacotherapeutics - III	1.67	0.83	1.92	1.92	0.83	1.25	1.40
4.2 P	Hospital Pharmacy	1.92	1.67	2.50	1.67	-	0.83	1.72
4.3 P	Clinical Pharmacy	1.60	1.60	1.60	1.60	0.80	0.80	1.33
4.5 P	Biopharmaceutics & Pharmacokinetics	0.80	0.80	0.80	0.80	-	0.80	0.80
V Pharm.D								
5.1 T	Clinical Research	-	-	-	-	2.05	1.10	1.58
5.2 T	Pharmacoepidemiology and	0.77	1.53	1.53	-	1.53	1.53	1.38
5.3 T	Clinical Pharmacokinetics and	0.73	0.73	1.10	1.47	1.47	1.47	1.16
5.4 P	Clerkship	0.83	-	2.50	2.08	0.83	1.67	1.58
5.5 P	Project Work	-	-	1.25	1.67	1.25	1.92	1.52
VI Pharm.D								
Internship	Internship	2.50	1.25	2.50	1.67	1.67	2.50	2.01
	Average (Direct PSO attainment)	1.14	1.17	1.37	1.26	1.10	1.08	1.58
	Direct PSO attainment (80%)	0.91	0.94	1.10	1.01	0.88	0.86	1.26
	Indirect PSO attainment	2.85	2.73	2.95	2.92	2.87	2.84	2.86
	Indirect PSO attainment (20%)	0.57	0.55	0.59	0.58	0.57	0.57	0.57
	Total PSO attainment	1.48	1.48	1.69	1.60	1.45	1.43	1.52
	Set Target Attainment	1.23	1.29	1.48	1.38	1.23	1.19	1.30
	Attainment (Y/N)	Y	Y	Y	Y	Y	Y	

CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR
(AUTONOMOUS)

PROGRAMME : M. PHARMACY

COURSE OUTCOME ATTAINMENT

AY: 2021 - 2022

M. PHARMACY (PHARMACEUTICS) 2021-2023			
Course and Code	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester – I			
MPH101T- Modern Pharmaceutical Analytical Techniques	1.10	0.40	1.50
MPH102T: DRUG DELIVERY SYSTEM	2.10	0.49	2.59
MPH103T: MODERN PHARMACEUTICS	2.04	0.48	2.52
MPH104T: REGULATORY AFFAIRS	2.21	0.53	2.74
MPH105P: PHARMACEUTICS PRACTICAL - I	2.40	0.57	2.97
MPH106: SEMINAR / ASSIGNMENT	3.00		3.00
Semester – II			
MPH201T: MOLECULAR PHARMACEUTICS	2.30	0.52	2.82
MPH202T- ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS	2.35	0.43	2.78
MPH203T- COMPUTER AIDED DRUG DELIVERY SYSTEM	2.18	0.49	2.67
MPH204T- COSMETIC AND COSMECEUTICALS	2.25	0.53	2.78
MPH205P- PHARMACEUTICS PRACTICAL – II	2.40	0.52	2.92
MPH206: SEMINAR / ASSIGNMENT	2.90		2.90



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Chalapathi Nagar, LAM, GUNTUR-34

Chalapathi Institute of Pharmaceutical Sciences (Autonomous)

Program: M. PHARMACY

M. PHARMACY - PHARMACEUTICS

BATCH: 2020 - 2022

CO Attainment M. PHARMACY (PHARMACEUTICS)

Course and Code	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester - I AY: 2020 - 2021			
MPH101T: Modern Pharmaceutical Analytical Techniques	2.20	0.45	2.65
MPH102T: DRUG DELIVERY SYSTEM	2.00	0.51	2.51
MPH103T: MODERN PHARMACEUTICS	2.00	0.57	2.57
MPH104T: REGULATORY AFFAIRS	2.10	0.41	2.51
MPH105P: PHARMACEUTICS PRACTICAL - I	2.40	0.57	2.97
MPH106: SEMINAR / ASSIGNMENT	3.00		3.00
Semester - II			
MPH201T: MOLECULAR PHARMACEUTICS	1.70	0.53	2.23
MPH202T: ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS	1.90	0.52	2.42
MPH203T: COMPUTER AIDED DRUG DELIVERY SYSTEM	1.50	0.58	2.08
MPH204T: COSMETIC AND COSMECEUTICALS	1.50	0.53	2.03
MPH205P: PHARMACEUTICS PRACTICAL - II	1.80	0.56	2.36
MPH206: SEMINAR / ASSIGNMENT	3.00		3.00
Semester - III AY: 2021 - 2022			
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	1.68	0.48	2.16
MRM302- JOURNAL CLUB	3.00		3.00
Discussion / Presentation (MRM 303)	3.00		3.00
Research Work (MRM 304)	3.00		3.00
Semester - IV			
MRM401: JOURNAL CLUB	3.00		3.00
MRM 402: PROJECT WORK	3.00		3.00
Discussion/Final Presentation (MRM 403)	3.00		3.00
Average	2.36	0.52	2.88

M. PHARMACY - PHARMACEUTICS
COURSE OUTCOME AND PROGRAM OUTCOME ATTAINMENT
BATCH: 2020-2022

BATCH: 2020-2022											
Course title & Code	Program outcomes										Average Outcome (max.)
	1	2	3	4	5	6	7	8	9	10	
	Semester – I										
MPA101T- Modern Pharmaceutical Analytical Techniques	1.47	1.18	1.62				1.77			1.33	1.47
MPH102T: DRUG DELIVERY SYSTEM	2.09	1.67	2.26		1.84	1.67	1.92	1.67	1.67	1.84	1.85
MPH103T: MODERN PHARMACEUTICS	1.71	1.88	2.23		1.97		1.71	1.71	1.71	1.97	1.86
MPH104T: REGULATORY AFFAIRS	2.01		1.67				1.67	1.67		1.84	1.77
MPH105P: PHARMACEUTICS PRACTICAL – I	1.98	1.98	2.18		1.98		2.38			2.28	2.13
MPH106: SEMINAR / ASSIGNMENT	3.00	3.00	3.00				3.00			3.00	3.00
Semester – II											
MPH201T: MOLECULAR PHARMACEUTICS	1.64	1.49	1.93		1.49	1.49	1.64	1.49		2.08	1.65
MPH202T- ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS	1.77	1.61	1.61		1.61		1.61	1.61	1.61	1.61	1.63
MPH203T- COMPUTER AIDED DRUG DELIVERY SYSTEM	1.53	1.39	1.39		1.39		1.39			1.39	1.41
MPH204T- COSMETIC AND COSMECEUTICALS	1.35	1.35	1.35	1.35			1.35	1.35	1.35	1.35	1.35
MPH205P- PHARMACEUTICS PRACTICAL – II	1.73	1.57	1.73		1.81	1.57	1.73			1.73	1.70
MPH1206: SEMINAR / ASSIGNMENT	3.00	3.00	3.00				3.00			3.00	3.00
Semester – III											
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	2.16	2.16			2.16	2.16	2.16	1.92		1.98	2.10
MRM302- JOURNAL CLUB	3.00	3.00	3.00		3.00	3.00	3.00		3.00	3.00	2.40
Discussion / Presentation (MRM 303)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.40
Research Work (MRM 304)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.40
Semester IV											
MRM401: JOURNAL CLUB	3.00	3.00	3.00		3.00	3.00	3.00		3.00	3.00	3.00
MRM 402: PROJECT WORK	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Discussion/Final Presentation (MRM 403)	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Average (Direct PO attainment)	2.21	2.14	2.23	2.18	2.16	2.39	2.21	1.82	2.27	2.19	2.18
Direct PO attainment (80%)	1.77	1.71	1.79	1.74	1.73	1.91	1.77	1.45	1.82	1.75	1.74
Indirect PO attainment	2.72	2.83	2.95	2.93	2.89	2.86	2.82	2.91	2.84	2.93	2.87
Indirect PO attainment (20%)	0.54	0.57	0.59	0.59	0.58	0.57	0.56	0.58	0.57	0.59	0.57
Total PO attainment	2.32	2.28	2.38	2.33	2.31	2.48	2.33	2.04	2.39	2.34	2.32
Target	2.01	1.93	1.99	2.00	1.97	2.13	1.99	1.79	2.00	1.99	1.98
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

M. PHARMACY - PHARMACEUTICS
COURSE OUTCOME AND PROGRAM SPECIFIC OUTCOME ATTAINMENT
BATCH: 2020-2022

BATCH: 2020-2022

Course title & Code	Program Specific Outcomes				Program specific outcome attainment max. 3.00
	1	2	3	4	
	Semester – I				
MPA101T- Modern Pharmaceutical Analytical Techniques	1.77	1.77	1.77	1.94	1.52
MPH102T: DRUG DELIVERY SYSTEM	1.82	1.82	1.67	1.67	1.20
MPH103T: MODERN PHARMACEUTICS	1.71	1.71	1.71	1.88	1.52
MPH104T: REGULATORY AFFAIRS	1.67	1.84	1.67	1.82	1.61
MPH105P: PHARMACEUTICS PRACTICAL - I	1.98	1.98	1.98	1.98	1.35
MPH106: SEMINAR / ASSIGNMENT	2.20	2.00	2.20	1.40	1.95
Semester – II					
MPH201T: MOLECULAR PHARMACEUTICS	2.10	2.23	1.98	1.98	2.01
MPH202T- ADVANCED BIOPHARMACEUTICS & PHARMACOKINETICS	1.88	2.02	2.10	2.15	2.04
MPH203T- COMPUTER AIDED DRUG DELIVERY SYSTEM	2.08	1.50	1.85	1.39	2.06
MPH204T- COSMETIC AND COSMECEUTICALS	1.02	1.58	2.03	1.69	1.10
MPH205P- PHARMACEUTICS PRACTICAL – II	1.71	1.31	1.83	1.05	1.58
MPH206: SEMINAR / ASSIGNMENT	2.20	2.00	2.20	1.40	1.95
Semester – III					
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	1.01	1.01	1.44	1.30	1.24
MRM302- JOURNAL CLUB	1.80	2.00	2.00	1.20	1.40
DISCUSSION/PRESENTATION (MRM 303)	2.40	2.00	2.60	1.40	1.68
RESEARCH WORK (MRM 304)	2.40	2.00	2.60	1.40	1.68
Semester – IV					
MRM401: JOURNAL CLUB	1.80	2.00	2.00	1.20	1.40
MRM 402: PROJECT WORK	2.40	2.00	2.60	1.40	1.68
DISCUSSION/ FINAL PRESENTATION (MRM 403)	2.40	2.00	2.60	1.40	1.68
Average (Direct PSO attainment)	1.77	1.73	1.89	1.47	1.61
Direct PSO attainment (80%)	1.42	1.38	1.51	1.18	1.29
Indirect PSO attainment	2.54	2.60	2.75	2.40	2.37
Indirect PSO attainment (20%)	0.51	0.52	0.55	0.48	0.47
Total PSO attainment	1.93	1.90	2.06	1.66	1.76
Target	1.71	1.69	1.84	1.49	1.68

CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR

(AUTONOMOUS)

PROGRAMME : M. PHARMACY

COURSE OUTCOME ATTAINMENT

Pharmaceutical Analysis (2021-2023) AY: 2021 - 2022

Pharmaceutical Analysis (2021-2025)			
Course and Code	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester – I			
MPA101T- Modern Pharmaceutical Analytical Techniques	1.13	0.47	1.60
MPA102T- Advanced Pharmaceutical Analysis	2.33	0.52	2.85
MPA103T- Pharmaceutical Validation	2.14	0.57	2.71
MPA104T- Food Analysis	1.35	0.56	1.91
MPA105P- Pharmaceutical Analysis Practical - I	2.40	0.53	2.93
MPH106: SEMINAR / ASSIGNMENT	2.62		2.62
Semester – II			
MPA201T- Advanced Instrumental Analysis	2.37	0.56	2.93
MPA202T- Modern Bio-analytical Techniques	1.64	0.56	2.20
MPA203T- Quality Control and Quality Assurance	1.92	0.59	2.51
MPA204T- Herbal and Cosmetic Analysis	2.33	0.58	2.91
MPA205P- Pharmaceutical Analysis Practical - II	2.40	0.56	2.96
MPH206: SEMINAR / ASSIGNMENT	2.54		2.54



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CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR
(AUTONOMOUS)

PROGRAMME : M. PHARMACY

COURSE ATTAINMENT

Pharmaceutical Analysis (2020-2022)

CO Attainment M.PHARMACY (PHARMACEUTICAL ANALYSIS)				
Course and Code	Semester – I	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
	AY : 2020 – 2021			
MPA101T- Modern Pharmaceutical Analytical Techniques		2.30	0.54	2.84
MPA102T- Advanced Pharmaceutical Analysis		2.20	0.54	2.74
MPA103T- Pharmaceutical Validation		2.10	0.58	2.68
MPA104T- Food Analysis		1.90	0.55	2.45
MPA105P- Pharmaceutical Analysis Practical - I		2.30	0.58	2.88
MPH106: SEMINAR / ASSIGNMENT		3.00		3.00
	Semester – II			
MPA201T- Advanced Instrumental Analysis		1.80	0.51	2.31
MPA202T- Modern Bio-analytical Techniques		1.60	0.40	2.00
MPA203T- Quality Control and Quality Assurance		1.78	0.53	2.31
MPA204T- Herbal and Cosmetic Analysis		2.10	0.41	2.51
MPA205P- Pharmaceutical Analysis Practical - II		2.00	0.57	2.57
MPH206: SEMINAR / ASSIGNMENT		3.00		3.00
	AY : 2021 – 2022			
	Semester – III			
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS		1.92	0.32	2.24
MRM302- JOURNAL CLUB		2.83		2.83
Discussion / Presentation (MRM 303)		2.50		2.50
Research Work (MRM 304)		3.00		3.00
	Semester – IV			
MRM401: JOURNAL CLUB		3.00		3.00
MRM 402: PROJECT WORK		3.00		3.00
Discussion/Final Presentation (MRM 403)		3.00		3.00
Average (CO attainment)		2.39	0.50	2.68


PRINCIPAL

M.PHARMACY - PHARMACEUTICAL ANALYSIS
COURSE OUTCOME AND PROGRAM OUTCOME ATTAINMENT
BATCH: 2020-2022

EXAM: 2020-2022												
Course title & Code	Program outcomes											Average program Outcomes (max. 3.00)
	1	2	3	4	5	6	7	8	9	10	11	
	Semester - I											
MPA101T- Modern Pharmaceutical Analytical Techniques	2.84	2.08	2.18	2.08	1.89	1.89	1.89	1.89	1.89	1.89	1.89	2.04
MPA102T- Advanced Pharmaceutical Analysis	2.28	2.01	2.10	2.01	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.93
MPA103T- Pharmaceutical Validation	2.23	1.97	2.05	1.97	1.79	1.79	1.79	1.34	0.89	1.79	1.79	1.76
MPA104T- Food Analysis	2.21	1.80	1.88	1.80	1.63	1.63	1.63	1.23	1.23	1.23	1.63	1.63
MPA105P- Pharmaceutical Analysis Practical - I	2.69	2.40	2.59	2.21	1.92	2.21	2.21	1.73	1.73	2.21	1.92	2.16
NIPH106: SEMINAR / ASSIGNMENT	2.00	1.50	3.00	2.50	2.00	1.00	1.00	3.00	2.00	2.00	3.00	2.09
Semester - II												
MPA201T- Advanced Instrumental Analysis	1.77	1.54	1.77	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.58
MPA202T- Modern Bio-analytical Techniques	1.87	1.67	1.80	1.53	1.33	1.33	1.33	1.00	1.00	1.33	1.33	1.41
MPA203T- Quality Control and Quality Assurance	2.16	1.93	2.08	1.77	1.54	1.54	1.54	1.39	1.31	1.54	1.54	1.67
MPA204T- Herbal and Cosmetic Analysis	2.26	1.92	2.09	1.84	1.67	1.67	1.67	1.26	1.26	1.26	1.67	1.69
MPA205P- Pharmaceutical Analysis Practical - II	2.14	1.88	1.97	1.88	1.71	1.71	1.71	1.29	0.86	1.71	1.71	1.69
NIPH206: SEMINAR / ASSIGNMENT	2.00	1.50	3.00	2.50	2.00	1.00	1.00	3.00	2.00	2.00	3.00	2.09
Semester - III												
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	2.24	1.49	2.24	1.49	0.75	1.49	1.49	1.49	1.49	1.49	2.24	1.63
MRM302- JOURNAL CLUB	0.94	1.42	2.83	2.20	2.83	0.94	0.94	2.83	1.89	0.94	2.83	1.87
Discussion / Presentation (MRM 303)	1.67	1.39	2.50	2.50	1.67	1.67	0.83	2.50	1.67	0.83	2.50	1.79
Research Work (MRM 304)	2.00	1.67	3.00	3.00	2.00	2.00	1.00	3.00	2.00	1.00	3.00	2.15
Semester - IV												
MRM401: JOURNAL CLUB	1.00	1.50	3.00	2.33	3.00	1.00	1.00	3.00	2.00	1.00	3.00	1.98
MRM 402: PROJECT WORK	2.00	1.67	3.00	3.00	2.00	2.00	1.00	3.00	2.00	1.00	3.00	2.15
Discussion/Final Presentation (MRM 403)	2.00	1.67	3.00	3.00	2.00	2.00	1.00	3.00	2.00	1.00	3.00	2.15
Average (Direct PO attainment)	2.02	1.74	2.43	2.17	1.85	1.59	1.39	2.07	1.61	1.45	2.23	1.87
Direct PO attainment (80%)	1.61	1.39	1.94	1.73	1.48	1.27	1.11	1.65	1.29	1.16	1.79	1.49
Indirect PO attainment	2.91	2.89	2.74	2.83	2.62	2.87	2.91	2.93	2.72	2.63	2.85	2.81
Indirect PO attainment (20%)	0.582	0.578	0.548	0.566	0.524	0.574	0.582	0.586	0.544	0.526	0.57	0.56
Total PO attainment	2.19	1.97	2.49	2.30	2.00	1.85	1.69	2.24	1.83	1.69	2.36	2.06
Target PO attainment	1.84	1.58	2.16	1.93	1.64	1.44	1.28	1.81	1.43	1.32	1.98	1.67
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Note : Y - Attained / N - Not Attained

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M. PHARMACY - PHARMACEUTICAL ANALYSIS
COURSE OUTCOME AND PROGRAM SPECIFIC OUTCOME ATTAINMENT
BATCH: 2020-2022

BAICn: 2020-2022

Course title & Code	Program Specific Outcomes								Average program specific outcomes (max. 3.00)
	1	2	3	4	5	6	7	8	
	Semester – I								
MPA101T- Modern Pharmaceutical Analytical Techniques	2.37	1.89	1.89	2.37	1.89	2.21	2.05	2.05	2.09
MPA102T- Advanced Pharmaceutical Analysis	1.64	1.83	1.37	1.37	1.83	2.06	1.83	2.74	1.83
MPA103T- Pharmaceutical Validation	1.43	1.79	2.08	1.79	1.94	1.79	1.79	1.79	1.80
MPA104T- Food Analysis	1.80	2.04	1.63	1.63	1.31	1.63	1.63	1.63	1.66
MPA105P- Pharmaceutical Analysis Practical - I	1.92	1.60	2.08	1.92	2.24	1.73	1.68	2.24	1.93
MPH106: SEMINAR / ASSIGNMENT	2.25	2.00	1.67	2.00	2.00	2.20	2.00	1.67	1.97
Semester – II									
MPA201T- Advanced Instrumental Analysis	1.54	1.54	1.54	1.54	1.54	1.54	1.85	1.69	1.60
MPA202T- Modern Bio-analytical Techniques	1.33	1.45	1.33	1.33	1.55	1.00	1.33	1.55	1.36
MPA203T- Quality Control and Quality Assurance	1.54	1.93	1.85	1.16	1.79	1.39	1.16	1.41	1.53
MPA204T- Herbal and Cosmetic Analysis	2.09	2.09	1.51	1.67	1.67	1.40	1.46	1.67	1.70
MPA205P- Pharmaceutical Analysis Practical - II	2.00	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.75
MPH206: SEMINAR / ASSIGNMENT	1.75	1.75	2.00	2.00	1.60	2.25	2.00	2.33	1.96
Semester – III									
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	1.49	1.25	1.49	1.87	1.49	1.12	1.49	1.49	1.46
MRM302- JOURNAL CLUB	1.25	1.58	1.89	1.58	2.20	2.12	1.89	2.20	1.84
Discussion / Presentation (MRM 303)	1.25	1.25	2.23	2.08	2.08	1.94	1.67	1.94	1.81
Research Work (MRM 304)	2.00	1.50	2.50	2.50	2.50	2.33	1.50	2.33	2.15
Semester – IV									
MRM401: JOURNAL CLUB	1.67	1.33	1.50	2.00	2.33	2.50	2.00	2.33	1.96
MRM 402: PROJECT WORK	2.50	2.00	2.60	2.60	2.60	2.33	2.00	2.33	2.37
Discussion/Final Presentation (MRM 403)	2.50	1.50	2.40	2.40	2.20	2.33	2.00	2.33	2.21
Average (Direct PSO attainment)	1.81	1.69	1.86	1.87	1.92	1.87	1.74	1.97	1.84
Direct PSO attainment (80%)	1.45	1.35	1.49	1.50	1.54	1.50	1.39	1.58	1.47
Indirect PSO attainment	2.65	2.72	2.83	2.91	2.85	2.77	2.68	2.62	2.75
Indirect PSO attainment (20%)	0.53	0.54	0.57	0.58	0.57	0.55	0.54	0.52	0.55
Total PSO attainment	1.98	1.89	2.05	2.08	2.11	2.05	1.93	2.10	2.02
Target	1.62	1.53	1.66	1.67	1.72	1.66	1.56	1.76	1.65
	Y	Y	Y	Y	Y	Y	Y	Y	Y

CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR
(AUTONOMOUS)

PROGRAMME : M. PHARMACY

COURSE OUTCOME ATTAINMENT

M.PHARMACY (PHARMACOLOGY) 2021-2023

AY: 2021 - 2022

Course and Code	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester - I			
Modern Pharmaceutical Analytical Techniques (MPA 101T)	1.45	0.36	1.81
Advanced Pharmacology-I (MPL 102 T)	1.76	0.39	2.15
Pharmacological and Toxicological Screening Methods-I (MPL 103 T)	1.42	0.51	1.93
Cellular and Molecular Pharmacology (MPL 104 T)	1.29	0.49	1.78
Pharmacology Practical-I (MPL 105 P)	2.40	0.37	2.77
Seminar/Assignment (MPL 106)	3.00		3.00
Semester - II			
Advanced Pharmacology-II (MPL 201 T)	1.39	0.41	1.80
Pharmacological and Toxicological Screening Methods-II (MPL 202 T)	1.96	0.58	2.54
Principles of Drug Discovery (MPL 203 T)	1.96	0.45	2.41
Clinical Research and Pharmacovigilance (MPL 204 T)	1.95	0.56	2.51
Pharmacology Practical-II (MPL 205 P)	2.40	0.49	2.89
Seminar/Assignment (MPL 206)	3.00		3.00


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CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR
(AUTONOMOUS)

PROGRAMME : M. PHARMACY

CO Attainment M.PHARMACY - 2020-2022 (PHARMACOLOGY)

Course and Code	AY: 2020 – 2021		
	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester – I			
Modern Pharmaceutical Analytical Techniques (MPA 101T)	2.30	0.49	2.79
Advanced Pharmacology-I (MPL 102 T)	1.10	0.40	1.50
Pharmacological and Toxicological Screening Methods-I (MPL 103 T)	1.80	0.52	2.32
Cellular and Molecular Pharmacology (MPL 104 T)	1.70	0.48	2.18
Pharmacology Practical-I (MPL 105 P)	2.40	0.54	2.94
Seminar/Assignment (MPL 106)	3.00		3.00
Semester – II			
Advanced Pharmacology-II (MPL 201 T)	1.30	0.45	1.75
Pharmacological and Toxicological Screening Methods-II (MPL 202 T)	1.70	0.55	2.25
Principles of Drug Discovery (MPL 203 T)	1.20	0.54	1.74
Clinical Research and Pharmacovigilance (MPL 204 T)	2.00	0.57	2.57
Pharmacology Practical-II (MPL 205 P)	2.40	0.57	2.97
Seminar/Assignment (MPL 206)	3.00		3.00
Semester – III			
AY: 2021 – 2022			
Research Methodology and Biostatistics (MRM 301 T)	1.93	0.46	2.39
Journal Club (MRM 302)	3.00		3.00
Discussion / Presentation (MRM 303)	3.00		3.00
Research Work (MRM 304)	3.00		3.00
Semester – IV			
Journal Club (MRM 401)	3.00		3.00
Research Work (MRM 402)	3.00		3.00
Discussion/Final Presentation (MRM 403)	2.83		2.83
Average	2.30	0.51	2.59

PROGRAM OUTCOME ATTAINMENT OF 2020-2022 - M. PHARMACY (PHARMACOLOGY)									
Course and Code	Program Outcomes								Average program Outcomes
	1	2	3	4	5	6	7	8	(max. 3.00)
	Semester – I								
Modern Pharmaceutical Analytical Techniques (MPA 101T)	2.79	2.05	2.14	2.05	1.86	1.86	1.86	1.86	2.06
Advanced Pharmacology-I (MPL 102 T)	1.50	1.40		0.85	1.50	1.00	1.00	1.50	1.25
Pharmacological and Toxicological Screening Methods-I (MPL 103 T)	0.77		2.32	1.55	2.17	1.31	1.24	2.32	1.67
Cellular and Molecular Pharmacology (MPL 104 T)	1.82	1.96		1.24	1.31	1.09	1.09	1.96	1.49
Pharmacology Practical-I (MPL 105 P)	1.96	2.35	2.65	1.76	2.45	1.76		2.45	2.20
Seminar/Assignment (MPL 106)	2.50	3.00	2.80	2.80	3.00	3.00	3.00	3.00	2.89
Semester – II									
Advanced Pharmacology-II (MPL 201 T)	1.75	1.75		1.17	1.75			1.75	1.63
Pharmacological and Toxicological Screening Methods-II (MPL 202 T)	1.50		2.10	1.50	2.10	1.50	1.20	2.10	1.71
Principles of Drug Discovery (MPL 203 T)	0.99	1.74		1.16	1.04	1.16	1.16	1.57	1.26
Clinical Research and Pharmacovigilance (MPL 204 T)	1.71	2.14	1.97	1.71	2.14	1.46		2.40	1.93
Pharmacology Practical-II (MPL 205 P)	1.49	1.98	2.28	1.98	1.98	1.98		2.97	2.09
Seminar/Assignment (MPL 206)	2.50	3.00	2.80	2.80	3.00	3.00	3.00	3.00	2.89
Semester – III									
Research Methodology and Biostatistics (MRM 301 T)	1.75	1.91	2.23	1.59	2.07	1.91	2.23	2.39	2.01
Journal Club (MRM 302)	3.00	2.00	0.00	0.00	0.00	2.00	1.70	1.70	1.30
Discussion / Presentation (MRM 303)	2.30	3.00	2.70	3.00	3.00	3.00	3.00	3.00	2.88
Research Work (MRM 304)	2.30	3.00	2.70	3.00	3.00	3.00	3.00	3.00	2.88
Semester – IV									
Journal Club (MRM 401)	2.20	3.00	2.50	2.50	3.00	3.00	3.00	3.00	2.78
Research Work (MRM 402)	2.30	3.00	2.70	3.00	3.00	3.00	3.00	3.00	2.88
Discussion/Final Presentation (MRM 403)	2.17	2.83	2.55	2.83	2.83	2.83	2.83	2.83	2.71
Average (Direct PO attainment)	1.96	2.36	2.30	1.92	2.17	2.10	2.15	2.41	2.17
Direct PO attainment (80%)	1.57	1.89	1.84	1.54	1.73	1.68	1.72	1.93	1.74
Indirect PO attainment	2.83	2.85	2.92	2.83	2.75	2.68	2.67	2.81	2.79
Indirect PO attainment (20%)	0.57	0.57	0.58	0.57	0.55	0.54	0.53	0.56	0.56
Total PO attainment	2.14	2.46	2.42	2.10	2.28	2.22	2.26	2.49	2.30
Target PO attainment	1.82	2.16	2.12	1.84	2.12	1.87	1.93	2.24	2.01
	Y	Y	Y	Y	Y	Y	Y	Y	Y

Note : Y - Attained / N - Not Attained

M. PHARMACY - PHARMACOLOGY
COURSE OUTCOME AND PROGRAM SPECIFIC OUTCOME ATTAINMENT
BATCH: 2020-2022

BATCH: 2020-2022

Course title & Code	Program Specific Outcomes					Average program specific outcomes (max. 3.00)
	1	2	3	4	5	
Semester – I						
MPA101T- Modern Pharmaceutical Analytical Techniques	2.51	2.05			2.60	2.39
Advanced Pharmacology-I (MPL 102 T)	1.25	1.40	0.75	0.85	1.00	1.05
Pharmacological and Toxicological Screening Methods-I (MPL 103 T)	2.17	2.32	2.09	2.32	2.32	2.24
Cellular and Molecular Pharmacology (MPL 104 T)	1.67	1.60	1.82	0.00	1.67	1.35
Pharmacology Practical-I (MPL 105 P)	2.16	2.25	2.45	2.94	2.74	2.51
Seminar/Assignment (MPL 106)	2.33	2.33	2.20	3.00	2.00	2.37
Semester – II						
Advanced Pharmacology-II (MPL 201 T)	1.58	1.34	0.88	0.00	1.17	0.99
Pharmacological and Toxicological Screening Methods-II (MPL 202 T)	1.65	1.73	1.73	2.25	1.88	1.85
Principles of Drug Discovery (MPL 203 T)	1.33	1.28	1.51	0.00	1.28	1.08
Clinical Research and Pharmacovigilance (MPL 204 T)	2.14	2.14	1.88	1.71	2.57	2.09
Pharmacology Practical-II (MPL 205 P)	2.28	2.77	2.18	2.77	2.48	2.49
Seminar/Assignment (MPL 206)	2.33	2.33	2.20	3.00	2.00	2.37
Semester – III						
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	1.59	1.59	1.43	2.39	1.75	1.75
MRM302- JOURNAL CLUB	2.83	3.00	2.50	3.00	2.83	2.83
Discussion / Presentation (MRM 303)	3.00	3.00	2.60	3.00	2.50	2.82
Research Work (MRM 304)	3.00	3.00	2.60	3.00	2.50	2.82
Semester – IV						
Journal Club (MRM 401)	2.83	3.00	2.50	3.00	2.83	2.83
Research Work (MRM 402)	3.00	3.00	2.60	3.00	2.50	2.82
Discussion/Final Presentation (MRM 403)	2.83	2.83	2.45	2.83	2.36	2.66
Average (Direct PSO attainment)	2.24	2.26	2.02	2.17	2.16	2.17
Direct PSO attainment (80%)	1.79	1.81	1.62	1.74	1.73	1.73
Indirect PSO attainment	2.95	2.64	2.67	2.91	2.67	2.77
Indirect PSO attainment (20%)	0.59	0.53	0.53	0.58	0.53	0.55
Total PSO attainment	2.38	2.34	2.15	2.32	2.26	2.29
Target	2.06	2.07	1.85	2.27	1.98	2.04
	Y	Y	Y	Y	Y	Y

Y: Jalapathi Institute of Pharmacy


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CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR

(AUTONOMOUS)

PROGRAMME : M. PHARMACY

COURSE OUTCOME ATTAINMENT

M. PHARMACY (REGULATORY AFFAIRS) 2021-2023

AY: 2021 - 2022

Course and Code	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester – I			
MRA 101T: GOOD REGULATORY PRACTICE	2.05	0.53	2.58
MRA 102T: DOCUMENTATION AND REGULATORY WRITING	2.19	0.52	2.71
MRA103T: CLINICAL RESEARCH REGULATIONS	1.86	0.56	2.42
MRA 104T: REGULATION AND LEGISLATION FOR DRUGS & COSMETICS, MEDICAL DEVICES, BIOLOGICALS	2.40	0.54	2.94
MRA105P: REGULATORY AFFAIRS PRACTICAL -I	2.40	0.49	2.89
MPH106: SEMINAR/ASSIGNMENT	3.00		3.00
Semester – II			
MRA 201T: REGULATORY ASPECTS OF DRUGS & COSMETICS	1.98	0.53	2.51
MRA202T: REGULATORY ASPECTS OF HERBALS & BIOLOGICALS	1.75	0.51	2.26
MRA 203T: REGULATORY ASPECTS OF MEDICAL DEVICES	1.90	0.55	2.45
MRA204T: REGULATORY ASPECTS OF FOOD & NUTRACEUTICALS	2.08	0.57	2.65
MRA 205P: REGULATORY AFFAIRS PRACTICAL –II	2.40	0.59	2.99
MPH206: SEMINAR/ASSIGNMENT	3.00		3.00


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CHALAPATHI INSTITUTE OF PHARMACEUTICAL SCIENCES, GUNTUR
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M. PHARMACY - PHARMACEUTICAL REGULATORY AFFAIRS

COURSE OUTCOME ATTAINMENT

BATCH: 2020-2022

Course title & Code	Semester – I	AY: 2020 – 2021	External Attainment (80%)	Internal Attainment (20%)	Overall Attainment (100%)
Semester – I					
MRA 101T: GOOD REGULATORY PRACTICE			1.90	0.54	2.44
MRA 102T: DOCUMENTATION AND REGULATORY WRITING			1.70	0.58	2.28
MRA 103T: CLINICAL RESEARCH REGULATIONS			2.00	0.51	2.51
MRA 104T: REGULATION AND LEGISLATION FOR DRUGS & COSMETICS, MEDICAL DEVICES, BIOLOGICALS					
MRA 105P: REGULATORY AFFAIRS PRACTICAL -I			2.10	0.54	2.64
MPH106: SEMINAR/ASSIGNMENT			2.30	0.50	2.80
			3.00		3.00
Semester – II					
MRA 201T: REGULATORY ASPECTS OF DRUGS & COSMETICS			2.20	0.52	2.72
MRA 202T: REGULATORY ASPECTS OF HERBALS & BIOLOGICALS			2.20	0.54	2.74
MRA 203T: REGULATORY ASPECTS OF MEDICAL DEVICES			1.60	0.52	2.12
MRA 204T: REGULATORY ASPECTS OF FOOD & NUTRACEUTICALS			1.80	0.51	2.31
MRA 205P: REGULATORY AFFAIRS PRACTICAL –II			2.10	0.49	2.59
MPH206: SEMINAR/ASSIGNMENT			3.00		3.00
Semester – III					
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS		AY: 2021 – 2022	2.23	0.38	2.61
MRM302: JOURNAL CLUB			3.00		3.00
Discussion / Presentation (MRM 303)			3.00		3.00
Research Work (MRM 304)			3.00		3.00
Semester – IV					
MRM401: JOURNAL CLUB			3.00		3.00
MRM 402: PROJECT WORK			3.00		3.00
Discussion/Final Presentation (MRM 403)			3.00		3.00
Average (Direct PO attainment)			2.43	0.51	2.94


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M. PHARMACY - PHARMACEUTICAL REGULATORY AFFAIRS
COURSE OUTCOME AND PROGRAM OUTCOME ATTAINMENT
BATCH: 2020-2022

BATCH: 2020-2022												
Course title & Code	Program outcomes											Average Outcomes (max. 3.00)
	1	2	3	4	5	6	7	8	9	10	11	
	Semester - I											
MRA 101T: GOOD REGULATORY PRACTICE	2.44	1.63	1.22	1.63	0.81	1.63	1.63	1.63	1.63	1.63	2.44	1.66
MRA 102T: DOCUMENTATION AND REGULATORY WRITING	1.98	1.52	2.05	1.52	1.52	0.99	1.52	1.29	1.52	1.52	1.98	1.58
MRA 103T: CLINICAL RESEARCH REGULATIONS	2.34	1.67	2.09	1.67	0.84	2.09	1.67	1.67	1.67	1.67	2.01	1.76
MRA 104T: REGULATION AND LEGISLATION FOR DRUGS & COSMETICS.	2.64	2.64	1.76	1.76	0.88	1.76	1.76	1.76	1.76	1.76	2.64	1.92
MRA105P: REGULATORY AFFAIRS PRACTICAL -I	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87	2.80	1.95
MPH106: SEMINAR / ASSIGNMENT	3.00	3.00	3.00	3.00					3.00	3.00	3.00	3.00
Semester - II												
MRA 201T: REGULATORY ASPECTS OF DRUGS & COSMETICS	2.72	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	2.72	1.98
MRA202T: REGULATORY ASPECTS OF HERBALS & BIOLOGICALS	2.37	1.83	2.74	1.83	1.83	1.83	1.83	1.83	1.83	1.83	2.37	2.01
MRA 203T: REGULATORY ASPECTS OF MEDICAL DEVICES	1.41	1.41	2.12	1.41	1.41	1.41	1.41	1.41	1.41	1.41	1.70	1.50
MRA204T: REGULATORY ASPECTS OF FOOD & NUTRACEUTICALS	1.54	2.31	1.54	1.54	1.54	1.54	1.54	1.54	1.54	1.54	2.31	1.68
MRA 205P: REGULATORY AFFAIRS PRACTICAL -II	1.73	1.73	1.73	2.59	1.73	1.73	1.73	1.73	1.73	1.73	2.59	1.88
MPH206: SEMINAR / ASSIGNMENT	3.00	3.00	3.00	3.00					3.00	3.00	3.00	3.00
Semester - III												
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	2.61	1.74	2.61	1.74	0.87	1.74	1.74	1.74	1.74	1.74	2.61	1.90
MRM302- JOURNAL CLUB	3.00	3.00	3.00	3.00	3.00		3.00	3.00				3.00
Discussion / Presentation (MRM 303)	3.00	3.00	3.00	3.00	3.00		3.00	3.00	3.00	3.00	3.00	3.00
Research Work (MRM 304)	3.00	3.00	3.00	3.00	3.00		3.00	3.00	3.00	3.00	3.00	3.00
Semester - IV												
MRM401: JOURNAL CLUB	3.00	3.00	3.00	3.00	3.00		3.00	3.00				3.00
MRM 402: PROJECT WORK	3.00	3.00	3.00	3.00	3.00		3.00	3.00				3.00
Discussion/Final Presentation (MRM 403)	3.00	3.00	3.00	3.00	3.00		3.00	3.00	3.00	3.00	3.00	3.00
Average (Direct PO attainment)	2.51	2.32	2.40	2.28	1.95	1.67	2.15	2.13	2.03	2.15	2.60	2.31
Direct PO attainment (80%)	2.01	1.86	1.92	1.83	1.56	1.34	1.72	1.71	1.63	1.72	2.08	1.85
Indirect PO attainment	2.82	2.76	2.73	2.84	2.91	2.83	2.76	2.74	2.62	2.53	2.83	2.76
Indirect PO attainment (20%)	0.56	0.55	0.55	0.57	0.58	0.57	0.55	0.55	0.52	0.51	0.57	0.55
Total PO attainment	2.57	2.41	2.46	2.39	2.14	1.90	2.27	2.26	2.15	2.22	2.64	2.40
Target	2.19	2.02	2.09	1.98	1.69	1.59	1.88	1.87	1.81	1.88	2.31	2.00
	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

COURSE OUTCOME AND PROGRAM SPECIFIC OUTCOME ATTAINMENT
BATCH: 2020-2022
Regulatory Affairs

Course title & Code	Program Specific outcomes						Average program Specific Outcomes (max. 3.00)
	1	2	3	4	5	6	
	Semester – I						
MRA 101T: GOOD REGULATORY PRACTICE	2.28	1.08	1.08	1.63	0.81	1.36	1.37
MRA 102T: DOCUMENTATION AND REGULATORY WRITING	2.13	1.52	1.52	1.52	1.52	1.52	1.62
MRA103T: CLINICAL RESEARCH REGULATIONS	2.01	1.67	1.67	1.67	1.67	1.67	1.73
MRA 104T: REGULATION AND LEGISLATION FOR DRUGS &	2.11	1.76	1.76	1.76	1.76	1.76	1.82
MRA105P: REGULATORY AFFAIRS PRACTICAL -I	1.87	1.87	1.87	1.87	1.87	1.87	1.87
MPH106: SEMINAR / ASSIGNMENT	2.25	2.33	2.00	2.00	2.00	2.00	2.10
Semester – II							
MRA 201T: REGULATORY ASPECTS OF DRUGS & COSMETICS	2.72	1.81	1.81	1.81	1.81	1.81	1.96
MRA202T: REGULATORY ASPECTS OF HERBALS & BIOLOGICALS	2.74	1.83	1.83	1.83	1.83	1.83	1.98
MRA 203T: REGULATORY ASPECTS OF MEDICAL DEVICES	2.12	1.41	1.41	1.41	1.41	1.41	1.53
MRA204T: REGULATORY ASPECTS OF FOOD & NUTRACEUTICALS	2.31	2.31	1.54	2.31	2.31	1.54	2.05
MRA 205P: REGULATORY AFFAIRS PRACTICAL –II	1.73	1.73	1.73	1.73	1.73	2.59	1.87
MPH206: SEMINAR / ASSIGNMENT	2.25	2.33	2.00	2.00	2.00	2.00	2.10
Semester – III							
MRM 301T: RESEARCH METHODOLOGY AND BIOSTATISTICS	2.09	1.74	1.74	2.61	1.74	1.74	1.94
MRM302- JOURNAL CLUB	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Discussion / Presentation (MRM 303)	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Research Work (MRM 304)	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Semester – IV							
MRM401: JOURNAL CLUB	3.00	3.00	3.00	3.00	3.00	3.00	3.00
MRM 402: PROJECT WORK	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Discussion/Final Presentation (MRM 403)	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Average (Direct PSO attainment)	2.45	2.18	2.10	2.22	2.13	2.16	2.21
Direct PSO attainment (80%)	1.96	1.74	1.68	1.77	1.70	1.73	1.77
Indirect PSO attainment	2.72	2.68	2.63	2.52	2.81	2.93	2.72
Indirect PSO attainment (20%)	0.54	0.54	0.53	0.50	0.56	0.59	0.54
Total PSO attainment	2.51	2.28	2.21	2.28	2.27	2.32	2.31
Target	2.16	1.89	1.82	1.94	1.85	1.88	1.92
	Y	Y	Y	Y	Y	Y	Y

