



CO, PO and PSO mapping and attainment

PROGRAM OUTCOME		
1.	Pharmacy Knowledge	The graduate student shall exhibit knowledge in the field of pharmacy and allied subjects of life sciences.
2	Planning Ability	The graduate students will exhibit ability of understanding, and offer remedial solutions in pharmaceutical industries, health sectors.
3	Problem Analysis	The graduate students will exhibit the ability to conduct, analyze and understand the scientific data of pharmaceutical industries in area of Manufacturing, Quality control, Quality Assurance, Marketing Management and Clinical Research.
4	Modern Tool Usage	The graduate students will exhibit the ability to learn, select and apply appropriate procedure, resources in the area of Manufacturing, Marketing and Quality control. The graduate students will implement newly implemented software to solve the problems in the above areas.
5	Leadership Skills	The graduate students will exhibit the ability to understand and consider the human reply , leadership and team building as and when the planning changes which is required for accomplishment in the area of Manufacturing, Marketing and Quality control and Assurance, practice , professional and societal responsibilities.
6	Professional Identity	Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7	Pharmaceutical Ethics	The graduate students shall maintain the high professional identity and render the services in the society as per the ethics and moral value given in Pharmacy oath and pharmaceutical jurisprudence
8	Communication	The graduate students will be able to communicate the policies of the industries, academic and healthcare departments to the society through effective communication through verbal and written.
9	Pharmacist and Society	The graduate students will apply reasoning informed appropriate knowledge to improve the drug safety and action through patient counselling.
10	Environment and Sustainability	The graduate students will understand and communicate the importance of professional pharmacy practice solutions in society and environmental issues.
11	Lifelong learning	The graduate students will exhibit confidence for self education and ability for lifelong learning.





ARYA College of Pharmacy

(Affiliated to RUHS, Jaipur • Approved by PCI, AICTE, New Delhi)

- S.P.: 40, Kukas Industrial Area (RIICO) Jaipur - 302028
- Ph.: 0141-5148801, 5148802, 5148803

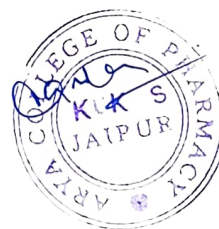
- Website : www.aryapharmacyjpr.com
- Fax : 01426-510040

PSO - (Programme Specific Outcome)

B. Pharm Programme

B.Pharm student will be able to—

PSO1	Impart detail theoretical and practical knowledge of all core and allied subjects of pharmaceutical sciences, which comprises of dosage form design of various drugs with comprehensive knowledge of chemical structure, routes of administration, mechanism of action, doses of drugs, patient treatment, patient counseling, drug dispensing, hospital administration, drug manufacturing, QA/QC and regulation etc.
PSO2	Highlight the concepts and operative tools of hospital pharmacy, community pharmacy, pharmaceutical care, clinical pharmacy, pharmacovigilance, pharmacoconomics, clinical research, clinical pharmacokinetics and other related areas for the benefit of academicians, hospital/community pharmacists and industry.
PSO3	Acquire knowledge in the field of synthetic biopharmaceutics, drug transport, pharmacokinetics & pharmacodynamics, drug delivery systems, cell and molecular biology, synthetic and macromolecular chemistry, chemical and biomedical engineering, materials science, physiology and pharmacology.
PSO4	Emphasis on Drug Discovery and Design, Drug Delivery Systems, Drug Action and Clinical Sciences, Drug Analysis, Drug Regulatory Affairs etc.



PROGRAM EDUCATIONAL OUTCOME		
1.	Education	Graduates of the program will be having sound capacity in pharmaceutical sciences and will be equipped with knowledge required in Pharmaceutical industries and/or institutes.
2	Technical Skill Competencies	To provide students with competence of technical skills in various subjects including Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy enabling them to fulfill the requirements of Pharmaceutical Industries, Community and Hospital Pharmacy and also to pursue higher studies.
3	Depth of knowledge	To provide relevant and up to date knowledge and training to students about the subjects of Pharmaceutical formulation & development, Pharmaceutical chemistry, Drug regulatory affairs, Pharmacology of drugs, drug analytical methods, drugs of natural origins.
4	Preparedness of students	To prepare students to perform the best of their abilities in postgraduate programmes or to succeed in Pharmaceutical industry/technical professions.
5	Evaluation	Graduates of the program will be able to assess pros and cons, benefits and deficiencies of the subject matters to learned pharmaceutical technologies they studied and philosophies they observed in the field of pharmaceutical sciences.





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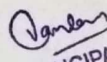
COURSE OUTCOMES

1. Explain the gross morphology, structure and functions of various organs of the human Body
2. Describe the various homeostatic mechanisms and their imbalances.
3. Identify the various tissues and organs of different systems of human body.
4. Perform the various experiments related to special senses and nervous system
5. Appreciate coordinated working pattern of different organs of each system

CO	PO											PSO			
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PSO 1	PSO 2	PSO 3	PSO 4
CO 1	3	1	1	-	1	1	-	3	2	2	3	3	1	--	--
CO 2	1	-	1	-	-	1	-	1	-	-	3	3	--	--	--
CO 3	1	-	1	-	-	-	-	1	-	-	3	3	--	--	--
CO 4	3	-	1	-	-	1	-	1	-	-	3	3	--	--	--
CO 5	3	-	1	-	1	-	-	3	-	1	3	3	--	--	--



B. Pharm IV (Sem V) Semester APP																									
Sr. No	Roll No	Student Name	MID TERM					Total CO CO5 (10)	60 Total	1 & II Weighted Mark (15%)/4	Assignment				Total CO CO5 (10)	50 Total	Assignment Weighted Marks(5%)	Final Weighted Co Assignment midterm(15+5)%					All CO Marks 110	University Theory Marks (75)	University Theory Weighted Mark(80%)
			CO1 (15)	CO2 (15)	CO3 (10)	CO4 (10)	CO5 (10)				CO1(10)	CO2(10)	CO3(10)	CO4(10)				CO1	CO2	CO3	CO4	CO5			
1	708099	AKSHAY DHILLON	14	13	10	10	10	56	2.10	7	10	10	8	7	42	2.10	2.45	2.45	2.00	1.90	1.85	98	51	41	
2	708003	ANJANA AGRAWAL	15	15	10	10	10	60	2.25	10	9	9	8	9	45	2.25	2.75	2.70	1.95	1.90	1.95	105	61	49	
3	708008	ARHANT SHARMA	12	13	7	10	10	52	1.95	7	8	7	10	9	41	2.05	2.15	2.35	1.40	2.00	1.95	93	56	45	
4	708012	ASHOK SAINI	14	14	8	10	10	56	2.10	8	8	10	7	10	43	2.15	2.50	2.50	1.70	1.85	2.00	96	56	45	
5	708015	DARSHAN KUMAR	14	15	5	8	10	56	2.10	8	10	9	10	9	46	2.30	2.50	2.75	1.80	1.70	1.95	102	51	41	
6	708016	DEEPAK KUMAR	14	15	10	8	9	56	2.10	7	8	8	7	8	38	1.90	2.45	2.65	1.90	1.55	1.75	94	35	28	
7	708018	DIVEESH KUMAR COHA	15	15	10	10	10	60	2.25	10	8	7	7	10	42	2.10	2.75	2.65	1.85	1.85	2.00	102	44	35	
8	708019	DIGANTA PHURA	11	11	10	10	10	52	1.95	8	8	10	7	8	41	2.05	2.05	2.05	2.00	1.85	1.90	97	37	30	
9	708021	GANDEEP JASROTIYA	15	15	9	8	9	56	2.10	8	10	10	8	10	46	2.30	2.65	2.75	1.85	1.60	1.85	102	38	30	
10	708028	JAVED ANSARI	11	13	9	10	9	52	1.95	8	8	9	9	9	42	2.10	2.05	2.35	1.75	1.95	1.80	94	47	38	
11	708030	KUMAR SONAL KHARWAL	15	15	10	10	10	60	2.25	8	9	9	9	9	44	2.30	2.65	2.70	1.95	1.95	1.95	104	50	40	
12	708031	LAKSHAY MALIK	15	15	10	10	10	60	2.25	7	8	8	10	8	43	2.05	2.60	2.65	1.90	2.00	1.90	101	62	50	
13	708033	MANJREET YADAV	15	15	10	10	10	60	2.25	8	7	8	9	9	43	2.05	2.65	2.60	1.90	1.95	1.95	101	65	52	
14	708043	MONIKA CHOUDHARY	15	15	10	10	10	60	2.25	8	8	9	10	8	43	2.15	2.65	2.65	1.95	2.00	1.90	103	60	48	
15	708044	MONU SHARMA	15	15	10	10	10	60	2.25	8	7	8	9	9	43	2.05	2.65	2.60	1.90	1.95	1.95	101	62	50	
16	708045	MUKUNDA PRADHAN	15	14	9	9	9	56	2.10	7	10	9	10	9	45	2.25	2.60	2.60	1.80	1.85	1.80	101	60	48	
17	708050	NEHA RAJEEV VANSHI	15	15	10	10	10	60	2.25	10	10	9	8	10	47	2.35	2.75	2.75	1.95	1.90	2.00	107	60	48	
18	708052	OM SHEVAM	13	13	8	9	9	52	1.95	7	7	10	9	9	42	2.10	2.30	2.30	1.70	1.80	1.80	94	65	52	
19	708057	PRADIEP BARI PAL	15	15	10	10	10	60	2.25	9	7	9	7	10	42	2.10	2.70	2.60	1.95	1.85	2.00	102	50	40	
20	708058	PRATIBHA K. SHIVAJIA	15	15	10	10	10	60	2.25	9	8	7	9	10	43	2.15	2.70	2.65	1.85	1.95	2.00	103	52	42	
21	708059	PRATIBHA SINGH MEENA	13	14	10	10	9	56	2.10	7	9	7	10	8	41	2.05	2.30	2.55	1.85	2.00	1.75	97	57	46	
22	708060	PRITI SHARMA	13	14	9	10	10	56	2.10	8	7	10	8	10	43	2.15	2.35	2.45	1.85	1.90	2.00	99	58	46	
23	708061	PRIVANKA RAJUREYA	15	15	10	10	10	60	2.25	7	10	8	8	8	41	2.05	2.60	2.75	1.90	1.90	1.90	101	65	52	
24	708062	PRIVANKA SINGH	15	15	10	10	10	60	2.25	7	10	10	7	8	42	2.10	2.60	2.75	2.00	1.85	1.90	102	42	34	
25	708064	R.BILL KUMAR CHOWDHURY	15	15	10	10	10	60	2.25	7	10	8	9	7	41	2.05	2.60	2.75	1.90	1.95	1.85	101	41	33	
26	708065	RAHUL TIAGI	13	13	10	10	10	56	2.10	7	8	9	10	8	42	2.10	2.30	2.35	1.95	2.00	1.90	98	40	32	
27	708066	RAKESH GUJAR	15	13	8	10	10	56	2.10	8	8	8	8	10	42	2.10	2.65	2.35	1.60	1.90	2.00	98	31	25	
28	708067	RAKESH MANDAL	13	14	8	9	8	52	1.95	10	9	7	9	9	44	2.20	2.45	2.55	1.55	1.80	1.65	96	48	38	
29	708068	RAM CHANDRA SAINI	15	15	8	10	8	56	2.10	8	9	10	7	9	43	2.15	2.65	2.70	1.70	1.85	1.65	96	47	38	
30	708072	RUPESH SINGH	15	15	10	10	10	60	2.25	8	10	10	10	8	46	2.30	2.65	2.75	2.00	2.00	1.90	106	34	27	
31	708078	SHAMAILA SHARIF	15	15	10	10	10	60	2.25	10	7	7	10	10	44	2.20	2.75	2.60	1.85	2.00	2.00	104	61	49	
32	708082	TANVI SHARMA	13	15	10	10	8	56	2.10	10	8	9	9	7	43	2.15	2.45	2.65	1.95	1.95	1.55	96	57	46	
33	708086	ZED PEKASH KUSHWAH	13	12	8	9	10	52	1.95	8	10	10	10	8	46	2.30	2.35	2.30	1.70	1.85	1.90	98	51	41	
34	708090	YUVRAJ SAINI	12	12	9	9	10	52	1.95	9	9	7	8	8	41	2.05	2.25	2.25	1.70	1.75	1.80	93	49	47	
35	709017	KAJAL DEVI	15	15	10	10	10	60	2.25	10	8	10	9	10	47	2.35	2.75	2.65	2.00	1.95	2.00	107	59	47	
No of students attended			35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35	
Maximum marks co wise			15	15	10	10	10	60	2.25	10	10	10	10	10	50	2.50	2.75	2.75	2.00	2.00	2.00	110	75	60.0	
Threshold 80%			12	12	8	8	8	48	2	8	8	8	8	8	40	2.00	2.20	2.20	1.60	1.60	1.60	88	45	36	
No of students above threshold			31	32	28	32	32	35	28	24	29	28	28	32	35	35	35	35	32	33	34	35	26	36	
Level			3	3	3	3	3	3	3	1	3	3	3	3	3	3	3	3	3	3	3	3	2	2	
Attainment			2.66	2.74	2.40	2.74	2.74	3.00	2.40	0.69	2.49	2.40	2.40	2.74	3.00	3.00	3.00	3.00	2.74	2.83	2.91	3.00	1.49	1.49	
RUBRICS																									
Theory CO Attainment (80% of University Level + 20% of Internal Level)																									
															CO1	CO2	CO3	CO4	CO5						
100% OF STUDENT ACHIEVE 80% OF Level (1.49)															1.79	1.79	1.74	1.75	1.77						
70% OF STUDENT ACHIEVE 60% OF Level (1.03)																									
30% OF STUDENT ACHIEVE 20% OF Level (0.30)																									


PRINCIPAL
 Anya College of Pharmacy
 Delhi Road, RIICO I,
 Kukatpally, JABHP