AMRITSAR
GROUP OF COLLEGES

NAAC Grade "A" 3ʳᵈ Cycle | Autonomous Status
under Autonomous Category | (Since 2014) Conferred by UGC

AQAR Report
2023-24

Criterion II
<u>Teaching Learning and Evaluation</u>

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Student-Centric Approach in Teaching Learning

The institute follows a versatile assessment of learning levels of students through a common procedure aided with programme specific assessments in addition to the traditional teaching-learning methods. These procedures are dynamic in nature and are updated and innovated to assess the learning in student centric way. The methodologies adopted for enhancement of Teaching –Learning are as below:

S.No.	Metholdology	Type	S.No.	Metholdology	Type
1	Workshops	E	11	Guest lecture	P
2	Seminars	E	12	Peer learning groups	P
3	Virtual Lab	E	13	MOOCs	P
4	Public Speaking	E	14	Video Demonstration	P
5	Review web literature	E	15	PPT	P
6	Simulation	E	16	Google Classroom	P
7	Hackathons	E	17	Open book test	PS
8	Field training	E	18	Project- based learning	PS
9	Activity-based learning	E	19	Proto-type model	PS
10	Poster presentation	P	20	Real-time case studies	PS

The above methodologies are categorized as following:

Type of Methodology	Sr.No.
Experiential	1 to 9
Participative	10 to 16
Problem Solving	17 to 20

Programme Specific Assessment

Programme	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
B.Tech (CE)	7	6	1	4	16	4	5	12	20	11	12	22	12	17	19	18	11	15	4	5
B.Tech (CSE)	32	16	17	5	5	9	26	2	15	4	29	29	23	33	32	21	14	36	19	7
B.Tech (ECE)	20	15	9	4	19	15	12	24	28	20	20	26	18	24	27	22	18	24	11	10
B.Tech (EE)	0	0	0	0	11	3	0	2	5	0	0	0	14	12	14	14	14	4	5	5
B.Tech (ME)	10	14	2	6	19	6	6	16	22	12	15	27	14	19	22	19	13	17	6	7
B.Sc Agriculture	4	10	3	0	0	0	2	38	44	14	9	0	1	53	59	49	14	12	2	10
B.Sc HMCT	17	18	15	16	7	0	0	10	18	14	17	4	0	17	28	28	19	6	10	10
BBA	35	34	2	2	19	0	0	0	33	0	35	36	33	0	36	36	36	30	0	0
BCA	9	11	6	2	15	3	9	10	19	14	18	21	17	18	21	21	14	14	2	5
B.Com (hons)	3	6	0	6	28	16	0	0	16	0	10	0	19	0	28	28	28	0	0	20
B.Sc FD	15	0	36	0	0	0	0	1	8	0	36	0	1	36	36	0	0	36	0	0
BA(J&MC)	32	32	0	4	5	1	0	32	1	0	32	32	1	32	32	32	5	1	0	5
MBA	4	14	0	7	35	13	0	2	12	1	16	0	16	0	34	31	31	2	0	33
MCA	4	6	3	1	13	2	4	12	18	12	10	18	14	16	15	16	9	12	4	4
M.Tech CSE	11	10	1	1	5	3	4	5	8	4	7	14	8	10	10	9	10	7	4	5
M.Tech CE	4	12	3	6	10	6	3	2	6	4	6	2	4	3	15	12	0	2	4	5
B. Pharmacy	16	11	6	5	24	1	0	4	2	27	28	14	2	26	34	35	0	3	0	0
BSc Medical Lab Science	7	16	4	0	17	2	0	1	4	15	17	12	0	13	17	17	0	2	0	0
Total	230	231	108	69	248	84	71	173	279	152	317	257	197	329	479	408	236	223	71	131

Programme Specific Assessment

B.Tech. Civil Engineering

Amritsar Group of Colleges
Department of Civil Engineering
(BTech Civil Engineering)

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Strength of Materials		√			√				√	√	√	√	√	√	√	√	√	√	√	
Fluid Mechanics		√			√					√		√	√	√	√	√	√	√		
Survey-I & II	√			√	√	√	√	√	√	√	√	√		√	√	√	√	√		√
Environmental Engg-I & II		√			√		√		√		√	√	√	√	√	√	√			
Building Materials					√						√	√	√	√	√	√	√			
Engineering Math-III											√	√	√		√	√	√		√	
Structural Analysis		√			√			√	√	√		√	√	√	√	√	√		√	
Design of concrete Structures	√	√						√	√	√		√	√		√	√		√		
Building Construction					√			√			√	√		√	√	√		√		
Building Constructions Drawing									√	√		√		√	√					
Concrete Technology Lab	√						√	√	√			√		√		√		√		
Transportation Engg-I & II					√		√	√	√	√	√	√	√	√	√	√	√	√		
Professional Practices									√			√			√	√	√	√		
Irrigation engineering-I					√				√			√	√	√	√	√				√
CADD Lab-I								√	√			√			√			√		
Survey Camp	√			√	√	√		√	√			√						√		
Design of steel structures-I		√			√			√	√	√	√		√	√		√	√	√		
Soil Mechanics & Foundation Engineering					√		√	√	√	√	√	√	√	√		√	√	√		
Hydrology				√	√				√	√	√		√	√	√			√		√
Computer Applications Lab			√		√	√			√	√	√	√		√	√	√		√		√
Elective-I								√				√		√	√	√				
Open Elective	√			√	√			√	√		√	√			√	√				√
Pre placement Activity	√			√					√			√		√	√					
Major Project	√				√				√			√						√	√	
Total	7	6	1	4	16	4	5	12	20	11	12	22	12	17	19	18	11	15	4	5

Head
Deptt. of Civil Engineering
Amritsar College of Engineering
& Technology, Amritsar

Programme Specific Assessment

B.Tech. Computer Science & Engineering

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade

Department of CSE

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Mathematics-III											√		√			√	√		√	
Digital Circuit and Logic Design (DCLD)		√				√					√		√	√	√	√		√	√	
Data Structures	√	√					√				√		√	√	√	√		√	√	
Object Oriented Programming using C++	√	√					√				√		√	√	√	√		√	√	
Computer Organization and Assembly Language Programming		√				√				√	√		√	√	√	√		√	√	
Digital Circuit and Logic Design Lab						√						√					√			
Data Structures Lab							√					√					√			
Object Oriented Programming using C++ Lab							√					√					√			
Computer Organization and Assembly Language Programming Lab			√			√						√					√			
Institutional Training									√			√						√	√	
Discrete Structure											√		√			√	√			
Operating Systems	√	√	√								√		√	√	√	√		√		
Computer Networks	√	√	√				√			√	√		√	√	√	√		√		
Programming in Python	√						√				√		√	√	√	√		√		
Relational Database Management System	√						√				√		√	√	√	√		√		
Operating			√											√				√	√	

Course																	
Systems Lab																	
Computer Networks Lab	√				√										√		
Relational Database Management System Lab	√				√					√					√		
Programming in Python Lab	√				√					√					√		
Functional English-II	√	√		√			√		√	√		√	√	√			
Aptitude-II	√	√					√		√	√		√	√	√			
Programming in Java	√	√			√					√	√	√	√	√	√		
Design & Analysis of Algorithms					√					√	√	√	√	√	√		
Big Data Analytics	√		√		√					√	√	√	√	√	√		√
Software Engineering			√		√	√	√			√	√	√	√	√	√	√	√
Information Security			√				√			√	√	√	√	√			
Programming in Java Lab	√				√					√					√		
Design & Analysis of Algorithms Lab	√				√					√					√		
Big Data Analytics Lab	√		√	√	√	√				√		√	√		√		
Software Engineering Lab	√		√	√	√					√			√		√	√	√
Industrial Training					√					√					√	√	
Functional English-III	√	√		√		√			√	√		√	√	√			
Aptitude-III	√	√				√			√	√		√	√	√			
Web Technologies	√	√		√	√					√	√	√	√	√	√		
Mobile Application Development	√		√	√	√					√	√	√	√	√	√	√	
Machine Learning	√									√	√	√	√	√	√		
Elective-I	√	√			√					√	√	√	√	√	√		
Open Elective		√	√	√		√				√	√		√				√
Web Technologies Lab					√					√					√		
Mobile Application Development Lab					√					√					√	√	

Machine Learning Lab						√					√							√	√	√
Elective-I Lab											√		√					√	√	
Functional English-IV	√	√		√					√		√	√		√	√		√			
Aptitude-IV	√	√							√		√	√		√	√		√			
Theory of Computations					√						√		√	√	√	√	√			
Artificial Intelligence	√		√			√					√		√	√	√	√	√		√	
Elective-II	√		√			√					√		√	√			√			
Elective-III	√	√	√		√					√		√	√	√						√
Project Lab	√		√		√	√			√		√							√	√	
Artificial Intelligence Lab	√		√			√	√				√		√					√	√	√
Elective-IV	√		√				√				√		√	√			√			
Pre Placement Activity	√		√						√		√		√	√						
Software Training									√		√							√	√	
Industry Oriented Project Training									√		√							√	√	
Total	32	16	17	5	5	9	26	2	15	4	29	29	23	33	32	21	14	36	19	7

HOD(CSE)

Programme Specific Assessment

B.Tech. Electronics and Communication Engineering

AMRITSAR GROUP OF COLLEGES
Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,
(Formerly Known as Amritsar College of Engineering & Technology| Amritsar Pharmacy College

ECE

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
EDC/LIC	√	√			√	√		√	√	√	√	√	√	√	√	√	√	√	√	
DCLD/VLSI	√	√				√		√	√	√	√	√	√	√	√	√	√	√		
OOPS	√				√	√	√	√	√	√	√	√		√	√	√	√	√		
NAS	√	√			√			√	√		√	√			√	√	√	√		√
EDC/LIC lab			√		√		√	√	√				√	√	√	√		√	√	
Engineering Math-III											√	√	√		√	√	√		√	
OOPS Lab		√			√			√	√	√		√	√	√	√	√	√		√	
DCLD/VLSI Lab	√	√	√					√	√	√		√	√		√	√		√		
LCS	√		√		√			√			√	√		√	√	√		√	√	
ACS/DC	√	√				√	√	√		√		√	√	√	√		√	√	√	√
SAS/DSP	√	√					√	√	√		√	√		√		√		√	√	
EMFT	√				√		√	√	√	√	√	√	√	√	√	√	√	√		
Advanced Networking Lab			√			√	√	√	√			√			√	√	√	√		
Simulation Lab/DSP Lab		√		√	√	√	√	√			√	√	√	√	√					√
Embedded system I/ Embedded system II	√	√						√	√	√	√	√	√	√	√			√	√	
Elective -I	√			√	√		√	√	√	√	√	√	√	√	√		√	√		
Lab Communication system		√	√		√			√	√	√	√		√	√		√	√	√		
Lab Hardware Programming			√			√	√	√	√	√	√	√	√	√		√	√	√		
WCS	√	√			√	√			√	√	√		√	√	√			√		√
MWR	√	√				√		√	√	√	√	√		√	√	√		√		√
Elective-II	√				√	√	√	√	√	√	√	√		√	√	√	√	√		√
Optical Communication	√	√			√	√			√	√	√		√	√	√			√	√	√
WCS lab			√		√	√	√	√			√			√	√	√	√	√		
MOE Lab		√	√		√			√	√	√	√		√	√		√	√	√		
Elective –III Lab		√			√			√	√	√		√	√	√	√	√	√		√	
Machine Learning	√				√	√	√	√	√	√	√	√		√	√	√	√	√		√
Elective –IV	√	√			√	√			√	√	√		√	√	√			√		√
Lab Machine learning		√			√			√	√	√		√	√	√	√	√	√		√	
Open Elective	√			√	√			√	√		√	√			√	√				√
Pre placement Activity	√			√					√			√		√	√					
Major Project	√				√				√			√							√	√
Total	20	15	9	4	19	15	12	24	28	20	20	26	18	24	27	22	18	24	11	10

WCS

Mr.Atul Mahajan

HOD (ECE/EE)

Programme Specific Assessment

B.Tech. Electrical Engineering

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,
(Formerly Known as Amritsar College of Engineering & Technology| Amritsar Pharmacy College

DEPARTMENT OF ELECTRICAL ENGINEERING

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
AM-III													√		√	√	√		√	
CT					√								√	√	√	√	√		√	√
TDC					√			√	√				√	√	√	√	√		√	√
EMI					√			√					√	√	√	√	√	√	√	√
EDC					√				√				√		√	√	√	√	√	√
LCS					√	√			√				√		√	√	√	√		√
EMFT					√								√	√	√	√	√	√	√	√
PS					√	√							√	√	√	√	√			
DE&MP					√				√				√	√	√	√	√			
PE					√								√	√	√	√	√			
S&S					√								√	√	√	√	√			
MCPLC					√	√			√				√	√	√	√	√			
HVE													√	√	√	√	√			
NCES													√	√	√	√	√			
TOTAL					11	3		2	5				14	12	14	14	14	4	5	5

Mr.Bimal Kumar

HOD (ECE/EE)

Programme Specific Assessment

B.Tech. Mechanical Engineering

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC act-1956 (2f), NAAC A Grade

Department of Mechanical Engineering

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Strength of Materials		√			√				√	√	√	√	√	√	√	√	√	√	√	
Theory of Machines		√			√					√		√	√	√	√	√	√	√		
Applied Thermodynamics	√			√	√	√	√	√	√	√	√	√		√	√	√	√	√		√
Engineering Materials, Metallurgy and Manufacturing		√			√		√		√		√	√	√	√	√	√	√			
Machine Drawing					√						√	√	√	√	√	√	√			
Strength of Materials-Lab											√	√	√		√	√	√		√	
Engineering Materials, Metallurgy and Manufacturing-Lab		√			√			√	√	√		√	√	√	√	√	√		√	
Automobile Engineering	√	√						√	√	√		√	√		√	√		√		
Design of Machine Elements					√			√			√	√		√	√	√		√		
Fluid Mechanics									√	√		√		√	√					
Mechanical Measurement and Metrology	√						√	√	√			√		√		√		√		
Computer Aided Design and Manufacturing					√		√	√	√	√	√	√	√	√	√	√	√	√		
Automobile Engineering Lab									√			√			√	√	√	√		
Mechanical Measurement and Metrology Lab					√				√			√	√	√	√	√				√
Fluid Mechanics Lab								√	√			√			√			√		
Computer Aided Design and Manufacturing Lab	√			√	√	√		√	√			√						√		
Design of Machine Elements-I Practice		√			√			√	√	√	√		√	√		√	√	√		
Institutional/Industrial Training##					√		√	√	√	√	√	√	√	√		√	√	√		
Heat Transfer					√	√			√	√	√		√	√	√			√		√
Fluid Machinery			√		√	√			√	√	√	√		√	√	√		√		√
Industrial Automation and Robotics								√				√		√	√	√				
Department Elective	√			√	√			√	√		√	√			√	√				√
Heat Transfer Lab	√			√					√			√		√	√					
Fluid Machinery Lab	√				√				√			√						√	√	
Industrial Automation and Robotics Lab		√						√				√			√					
Industrial Engineering and Management		√										√	√						√	
Refrigeration and Air Conditioning	√			√		√	√	√			√		√			√	√			
Mechanical Vibrations		√												√						
Open Elective	√				√						√									
Refrigeration and Air Conditioning Lab					√				√			√			√			√		√
Mechanical Vibrations Lab	√	√		√				√						√			√		√	
Major Project		√								√	√									
Pre Placement Activity		√	√						√	√		√			√					√
Industrial Training-II		√			√			√	√									√		
Six Sigma/Software Training		√		√																
Total	10	14	2	6	19	6	6	16	22	12	15	27	14	19	22	19	13	17	6	7

Head
Deptt. of Mechanical Engineering
Amritsar College of Engg. & Tech.
Amritsar-143 1 (India)

Programme Specific Assessment

B.Sc. (Hons.) Agriculture

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,

(Formerly Known as Amritsar College of Engineering & Technology | Amritsar Pharmacy College

Department of Agriculture

B.Sc. Agriculture

Course	Experiential								Participative								Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Fundamentals of Genetics									√	√				√	√	√		√		√
Agricultural Microbiology		√							√	√	√			√	√	√				
Soil and Water Conservation Engineering									√					√	√	√				
Fundamentals of Crop Physiology								√	√	√				√	√	√				√
Fundamentals of Agricultural Economics									√					√	√	√	√			
Fundamentals of Plant Pathology									√					√	√	√				
Fundamentals of Entomology							√	√						√	√				√	√
Fundamentals of Agricultural Extension Education									√					√	√	√				
Fundamentals of Horticulture									√						√	√	√			
Fundamentals of Soil Science																				
Introduction to Forestry								√							√			√		
Fundamentals of Agronomy									√						√	√	√			
Introductory Biology*							√	√						√	√	√				
Agricultural Heritage	√	√							√	√					√					
Rural Sociology & Educational Psychology								√	√					√	√					√
Crop Production Technology – I (Kharif Crops)	√	√							√					√	√			√		
Fundamentals of Plant Breeding		√						√	√					√		√				√
Agricultural Finance and Cooperation														√	√	√	√			
Production Technology for Vegetables and Spices								√							√	√				
Environmental Studies and Disaster Management								√	√					√	√	√				
Livestock and Poultry Management														√	√	√				
Crop Production Technology –II (Rabi Crops)								√	√					√	√	√				
Production Technology for								√	√					√	√	√				

Course	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ornamental Crops, MAP and Landscaping															
Renewable Energy and Green Technology				√			√		√	√	√				
Problematic Soils and their Management				√	√				√	√	√				
Production Technology for Fruit and Plantation Crops				√	√				√	√	√				
Principles of Seed Technology				√	√				√	√	√				
Farming System & Sustainable Agriculture				√	√				√	√	√				
Agricultural Marketing Trade & Prices					√				√	√	√	√			
Introductory Agro-meteorology & Climate Change				√	√				√	√	√				
Principles of Integrated Pest and Disease Management			√	√					√	√			√		
Manures, Fertilizers and Soil Fertility Management					√	√			√	√	√				
Pests of Crops, Stored Grains and their Management			√	√					√	√			√		
Diseases of Field and Horticultural Crops and their Management -I		√		√		√	√		√	√					
Crop Improvement-I (Kharif Crops)				√	√	√			√		√				√
Entrepreneurship Development and Business Communication				√	√				√	√	√	√			
Geo-informatics, Nano-technology and Precision Farming									√	√	√				
Intellectual Property Rights	√	√		√		√			√	√					√
Landscaping		√		√	√	√	√		√	√			√		
Crop Residue Management					√				√	√	√				
Diseases of Horticultural Crops and their Management				√				√					√	√	√
Flower Cultivation and Landscape Gardening				√	√				√	√	√				
Breeding of Field and Horticultural Crops				√	√	√			√	√	√				
Environmental Science and Disaster Management					√				√	√	√				
Fundamentals of Agri-business Management				√	√				√	√	√	√			
Protected Cultivation and Post-					√				√	√	√				

Course																				
Harvest Technology			√																		
Renewable Energy								√			√			√	√	√				
Post-harvest Management of Fruits and Vegetables								√						√	√	√				√
Diseases of Field Crops & their Management			√					√						√	√			√		
Introduction to Molecular Biotechnology									√	√	√			√		√				
Soil Physical and Biological Environment								√						√	√	√	√			
Analytical Techniques in Soils, Plants, Fertilizers and Water								√						√	√	√	√			
Weed Management								√	√						√	√	√			
Farming Systems and Sustainable Agriculture								√	√					√	√	√	√			
Production Technology of Spices, Aromatic, Medicinal and Plantation Crops								√						√	√	√	√			
Production Technology of Economic Forest Trees	√	√						√		√					√					
Nursery Management of Horticultural Crops											√			√	√			√		
Commercial Fruit Production								√	√					√	√	√				
Processing and Value Addition of Horticultural Crops								√						√	√	√	√	√		
Commercial Vegetable Production											√			√	√	√		√		
Vegetable Breeding and Seed Production																				
Forcing Techniques in Vegetable Production		√						√	√	√	√			√	√					√
Commercial Floriculture and Landscaping								√	√					√	√	√				
Rural Experience																		√		
On-campus learning								√												
Industrial attachment (Off campus)								√												
Documentation, reporting and presentation		√																		
TOTAL	4	10	3	0	0	0	2	38	44	14	9	0	1	5?	59	49	2214	12	2	10

Ms. Dipti Malhotra
Dean, UGC Courses

Head
Department of Agriculture

Programme Specific Assessment

BHMCT

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade,
(Formerly Known as Amritsar College of Engineering & Technology | Amritsar Pharmacy College)

Department of Hotel Management

Course	Experiential										Participative						Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Food Production (Theory)	√										√			√	√	√				
Food Production (Practical)	√		√								√			√	√	√				
Food & Beverage Service (Theory)	√										√			√	√	√				
Food & Beverage Service(Practical)	√		√								√			√	√	√				
Front Office (Theory)	√										√			√	√	√				
Front Office (Practical)	√		√								√			√	√	√				
Accommodation(Theory)	√										√			√	√	√				
Accommodation (Practical)	√		√								√			√	√	√				
English(Theory)		√		√	√				√		√	√			√	√	√	√		
English(Practical)			√						√		√	√			√	√	√	√		
Human Values, DE addiction And Traffic Rules(Theory)		√		√	√				√		√	√			√	√	√	√		
Human Values, De-addiction And Traffic Rules (Lab/ Seminar)			√						√		√	√			√	√	√	√		
Mentoring And Professional Development(Practical)														√	√	√	√			
Environmental Science(Theory)		√		√	√			√	√	√					√	√	√			

Subject	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20
Accounting Skills For Hospitality(Theory)		√		√	√				√	√	√				√	√	√			
Food & Beverage Controls And Management(Theory)		√		√	√				√	√	√				√	√	√			
Principles Of Management(Theory)		√		√	√				√	√	√				√	√	√			
Event Management(Theory)		√		√	√				√	√	√				√	√	√			
Tour & Travel Management(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Interior Decoration(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Event Management(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Tour & Travel Management(Practical)	√		√	√				√	√	√					√	√	√	√	√	√
Interior Decoration(Practical)	√		√	√				√	√	√					√	√	√	√	√	√
Principles Of Marketing(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Financial Management(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Entrepreneurship(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Project Report(Practical)		√						√								√	√		√	√
Facility Planning(Theory)	√		√	√				√	√	√					√	√	√	√	√	√
Total	17	8	15	16	7	0	0	10	18	14	17	4	0	17	28	28	19	6	10	10

Head,
Department of Hotel Management Technology

Mr. Purshotam Kainth
Head, HMCT

Programme Specific Assessment

Bachelor of Business Administration

Bachelor of Business Administration
(BBA)

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Principles and Practices of Management	√	√			√				√		√	√	√		√	√	√			√
Basic Accounting	√	√			√						√	√	√		√	√	√			√
Managerial Economics I	√								√		√	√	√		√	√	√			
English	√	√	√	√	√				√		√	√	√		√	√	√			
Human Values, Deaddiction and Traffic Rules	√	√	√	√	√						√	√			√	√	√			
Mentoring and Professional	√											√			√		√			
Business Statistics		√			√				√		√	√	√		√	√	√	√		
Business Environment	√	√			√				√		√	√	√		√	√	√	√		√
Managerial Economics II	√	√							√		√	√	√		√	√	√	√		√
Environmental Studies	√	√							√		√	√	√		√	√	√	√		
Organizational Behaviour	√	√							√		√	√	√		√	√	√	√		√
Marketing	√	√							√		√	√			√	√	√	√		√
Cost &Management Accounting	√	√							√		√	√	√		√	√	√	√		
Production and Operation	√	√							√		√	√	√		√	√	√	√		√
IT tools for Business	√	√							√		√	√	√		√	√	√	√		√
Business Research Methods	√	√							√		√	√	√		√	√	√	√		√
Human Resource Management	√	√							√		√	√	√		√	√	√	√		√
Financial Management	√	√							√		√	√	√		√	√	√	√		√
Entrepreneurship Development	√	√							√		√	√	√		√	√	√	√		√
Business Ethics and Corporate	√	√							√		√	√	√		√	√	√	√		√
Social responsibility	√	√							√		√	√	√		√	√	√	√		√
Operation	√	√							√		√	√	√		√	√	√	√		

Research																				
Mercantile Law	√	√							√		√	√	√		√	√	√	√		√
Consumer Behaviour	√	√			√				√		√	√	√		√	√	√	√		
Advertising and Sales Management	√	√			√				√		√	√	√		√	√	√	√		
Corporate Accounting	√	√			√				√		√	√	√		√	√	√	√		
Financial Markets & Services	√	√			√				√		√	√	√		√	√	√	√		
Industrial Relations & Labour Law	√	√			√				√		√	√	√		√	√	√	√		
Organisation Change & Development	√	√			√				√		√	√	√		√	√	√	√		
Strategy Management	√	√			√				√		√	√	√		√	√	√	√		
Company Law	√	√			√				√		√	√	√		√	√	√	√		
Services Marketing	√	√			√				√		√	√	√		√	√	√	√		
Personal Financial Planning	√	√			√				√		√	√	√		√	√	√	√		
Direct and Indirect Tax Laws	√	√			√				√		√	√	√		√	√	√	√		
Training & Development	√	√			√				√		√	√	√		√	√	√	√		
Cross Cultural Human Resource Management	√	√			√				√		√	√	√		√	√	√	√		
Total	35	34	2	2	19	0	0	0	33	0	35	36	33	0	36	36	36	30	0	0

Dr. Maninder Singh Gill
Head
Department of Management Studies

Programme Specific Assessment

Bachelor of Computer Application

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC -A Grade
(Formerly Known as Amritsar College of Engineering & Technology I Amritsar Pharmacy College)

DEPARTMENT OF COMPUTER APPLICATIONS

BCA

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Mathematics		√			√				√	√	√	√	√	√	√	√	√	√	√	
Fundamentals of Computer and IT	√	√	√						√	√	√	√	√	√	√	√	√	√		
Problem Solving using C	√	√					√		√	√	√	√	√	√	√	√	√	√		
English		√	√		√		√		√		√	√	√	√	√	√	√			
English Practical/Laboratory					√						√	√	√	√	√	√	√			
Human Values, De-addiction and Traffic Rules		√			√			√	√	√	√	√	√		√	√	√		√	
Mentoring and Professional Development	√	√						√	√	√		√	√		√	√		√		
Fundamentals of Statistics					√			√			√	√		√	√	√		√		
Computer System Architecture	√	√	√								√	√			√	√	√			
Object Oriented Programming using C++	√	√					√		√	√	√	√	√	√	√	√	√	√		
Environmental Studies					√		√	√	√	√	√	√	√	√	√	√	√	√		
Computer Networks	√	√	√						√	√	√	√	√	√	√	√	√			
Programming in Python					√		√		√			√	√	√	√	√		√		√
Data Structures					√		√	√	√	√	√	√	√		√	√	√			
PC Assembly & Troubleshooting	√		√	√	√	√		√	√		√				√	√	√	√		
Software Engineering		√			√			√	√	√	√		√	√		√	√	√		
Database Management Systems					√		√	√	√	√	√	√	√		√	√	√			
Operating Systems					√	√			√	√	√		√	√	√			√		√
Web Designing		√			√	√			√	√	√	√		√	√	√		√		√
Programming in PHP							√	√				√		√	√	√				
Programming in Java	√			√	√		√	√	√		√	√			√	√				√
Linux Operating System					√				√			√	√	√	√	√				√
Cloud Computing	√	√							√	√	√	√	√	√	√	√				
Total	9	11	6	2	15	3	9	10	19	14	18	21	17	18	21	21	14	14	2	5

Head,
Dept. of Computer Applications,
Amritsar College of Engg. & Technology
Amritsar

Programme Specific Assessment

B.Com (Hons.)

Bachelor of Commerce (Hons.) (B.Com)

Course	Experiential										Participative						Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Business Organization and Management					✓															
Financial Accounting					✓	✓			✓											
Managerial Economics					✓	✓			✓				✓		✓	✓	✓			✓
English	✓	✓		✓	✓	✓			✓				✓		✓	✓	✓			✓
Mentoring and Professional Development	✓	✓		✓	✓	✓			✓		✓		✓		✓	✓	✓			
Human Values, De-addiction and Traffic Rules	✓	✓		✓						✓							✓			✓
Cost Accounting					✓	✓			✓				✓		✓	✓	✓			✓
Business Environment					✓	✓			✓				✓		✓	✓	✓			✓
Business					✓	✓							✓		✓	✓	✓			✓

Statistics	Environmental Science	Management	Accounting	Mercantile Law	Human Resource Management	Indian Economy	Workshop on IT tools for Business & E-Commerce	Corporate Accounting	Company Law	Income Tax Law & Practice	Entrepreneurship Development	Workshop on Computerized
										✓	✓	
✓		✓			✓	✓		✓	✓	✓	✓	✓
✓		✓	✓		✓	✓		✓				✓
	✓							✓				
	✓							✓				✓
		✓										
	✓	✓			✓	✓				✓	✓	
			✓					✓		✓		✓
✓	✓	✓			✓	✓		✓	✓	✓	✓	✓
✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓
✓	✓	✓	✓		✓	✓		✓	✓	✓	✓	✓
✓	✓		✓		✓	✓		✓	✓	✓	✓	✓

Subject	3	6	0	6	28	16	0	0	16	0	10	0	19	0	28	28	28	0	0	28
Accounting					✓	✓			✓				✓		✓	✓	✓			✓
Financial Management					✓	✓			✓				✓		✓	✓	✓			✓
Goods and Services Tax					✓	✓			✓				✓		✓	✓	✓			✓
Banking Services Management					✓	✓			✓				✓		✓	✓	✓			✓
Insurance Services Management					✓	✓			✓				✓		✓	✓	✓			✓
Management					✓	✓			✓						✓	✓	✓			✓
Industrial Relations and Labour Laws		✓			✓						✓				✓	✓	✓			✓
Operation Research					✓	✓			✓				✓		✓	✓	✓			✓
Banking Laws & Services					✓	✓							✓		✓	✓	✓			✓
Risk Management & Insurance					✓	✓							✓		✓	✓	✓			✓

Head,
Deptt. of Management Studies,
Amritsar College of Engg.
& Technolog, Amritsar.

Programme Specific Assessment

B.Sc. Fashion Design

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade

DEPARTMENT OF FASHION DESIGN

B.Sc. (FASHION DESIGN)

Course				Experiential							Participative					Problem Solving				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Elements of Textiles	✓		✓								✓							✓		
Element of Fashion		✓	✓								✓			✓	✓			✓		
Elements of Design – I &II		✓	✓						✓		✓			✓	✓			✓		
Fashion Drawing - I&II	✓	✓	✓						✓		✓			✓	✓			✓		
Fashion Model Art – I&II,III,IV		✓	✓						✓		✓			✓	✓			✓		
Sketching	✓	✓	✓						✓		✓			✓	✓			✓		
Garment Construction – I	✓	✓	✓								✓			✓	✓			✓		
Pattern Making – I&II,III	✓	✓	✓								✓			✓	✓			✓		
History of Indian Costumes		✓	✓								✓			✓	✓			✓		
Indian Art Appreciation		✓	✓								✓			✓	✓			✓		
Traditional Indian textile and embroideries.		✓	✓								✓			✓	✓			✓		
Fashion photography			✓						✓					✓	✓			✓		
Dyeing and printing techniques			✓								✓			✓	✓			✓		
History of western costumes		✓	✓								✓			✓	✓			✓		
World appreciation art		✓	✓								✓			✓	✓			✓		

Design process											
CAD I&II,III	✓		✓				✓		✓	✓	✓
Garment making	✓		✓				✓		✓	✓	✓
Yarn craft	✓		✓				✓		✓	✓	✓
Craft documentation	✓		✓				✓		✓	✓	✓
Hand printing and painting technique			✓				✓		✓	✓	✓
Embroiders	✓	✓	✓				✓		✓	✓	✓
Fundamental of apparel production		✓	✓			✓	✓	✓	✓	✓	✓
Survey of apparel merchandising						✓	✓		✓	✓	✓
Fabric research and sourcing			✓				✓		✓	✓	✓
Advance draping	✓		✓				✓		✓	✓	✓
Fabric surface technique			✓				✓		✓	✓	✓
Men's wear	✓		✓				✓		✓	✓	✓
Knit wear	✓		✓				✓		✓	✓	✓
Kids wear	✓		✓				✓		✓	✓	✓
Creative pattern			✓				✓		✓	✓	✓
Trend forecasting			✓				✓		✓	✓	✓
Fashion research and design documentation			✓				✓		✓	✓	✓
internship					✓						
Art portfolio	✓	✓	✓				✓		✓	✓	✓
intellectual property rights		✓	✓				✓		✓	✓	✓
Design collection			✓				✓		✓	✓	✓
total	15	10	36		1	8	36	1	36	36	36

HOD (FASHION DESIGN)
MS. DEEPTI MALHOTRA
(DEAN UGC COURSES)

Head, Deptt. of Fashion Design
Amritsar College of Engg.
& Tech. Amritsar.

Programme Specific Assessment

B.A.(J&MC)

(Bachelor of Arts (Journalism & Mass Communication) (BA.JMC))

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Introduction to Journalism	✓	✓						✓			✓	✓		✓	✓	✓				
Introduction to Media & Communication	✓	✓					✓				✓	✓		✓	✓	✓	✓			
Communication									✓											
Indian Political & Social System	✓	✓						✓			✓	✓		✓	✓	✓				
Communication Lab	✓	✓		✓	✓				✓		✓			✓	✓	✓	✓			✓
English	✓	✓		✓		✓		✓	✓		✓	✓		✓	✓	✓	✓			
Human Values, Deaddiction & Traffic Rules	✓			✓				✓			✓	✓		✓	✓	✓	✓			
Mentoring & Professional Development	✓	✓		✓			✓	✓			✓	✓	✓	✓	✓	✓	✓			✓
Reporting & Editing for Print Media &	✓	✓					✓			✓	✓	✓	✓	✓	✓	✓	✓			

Course																	
Cultural Studies	✓	✓					✓		✓	✓	✓						
Global Media & Politics	✓	✓	✓	✓			✓		✓	✓	✓	✓	✓				
Media Ethics & Law	✓	✓					✓		✓	✓	✓	✓	✓				
Media Lab	✓	✓					✓		✓	✓	✓	✓	✓		✓		✓
Environmental Science	✓	✓				✓	✓		✓	✓	✓	✓	✓				
Introduction to Broadcast Media	✓	✓				✓			✓	✓	✓	✓	✓				
History of Media	✓	✓				✓			✓	✓	✓	✓	✓				
Advertising	✓	✓				✓			✓	✓	✓	✓	✓				
Public Relation	✓	✓				✓			✓	✓	✓	✓	✓				
Interpersonal Communication	✓	✓				✓			✓	✓	✓	✓	✓				
Skills	✓	✓															
Advance New Media	✓	✓				✓			✓	✓	✓	✓	✓				
Development Communication	✓	✓				✓			✓	✓	✓	✓	✓				
Communication Research & Method	✓	✓				✓			✓	✓	✓	✓	✓				

Course	1	2	3	4	5	6	7	8	9	10	11	12	13
Advanced Broadcast Media	✓	✓				✓		✓	✓		✓	✓	✓
New Media Writing & Publishing	✓	✓				✓		✓	✓		✓	✓	✓
Computer Application in Mass Media	✓	✓				✓		✓	✓		✓	✓	✓
Global Media	✓	✓				✓		✓	✓		✓	✓	✓
Introduction to Community Media	✓	✓				✓		✓	✓		✓	✓	✓
Newspaper Organization & Function	✓	✓				✓		✓	✓		✓	✓	✓
Minor Project	✓	✓				✓		✓	✓		✓	✓	✓	✓
Marketing Communication	✓	✓				✓		✓	✓		✓	✓	✓
Basic Principles of Communication	✓	✓				✓		✓	✓		✓	✓	✓
Visual Communication Basics	✓	✓				✓		✓	✓		✓	✓	✓
Photo	✓	✓				✓		✓	✓		✓	✓	✓

Journalism Major Project	32	32	0	4	5	1	0	32	1	0	32	32	1	32	32	32	5	1	0	5

Head,
Deptt. of Management Studies
Amritsar College of Engg.
Amritsar,
& Technolog, Amritsar.

Programme Specific Assessment

MBA

Master of Business Administration (MBA)

Course	Experiential											Participative						Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Foundations of Management					✓															
Managerial Economics					✓	✓			✓					✓	✓	✓	✓			✓
Quantitative Techniques					✓	✓			✓					✓	✓	✓	✓			✓
Accounting for Management and Reporting					✓	✓			✓				✓	✓	✓	✓	✓			✓
Business Environment and Indian Economy		✓	✓	✓		✓					✓				✓	✓	✓			✓
Business Ethics and CSR				✓		✓							✓		✓	✓	✓			✓
Business Communication		✓	✓		✓								✓		✓	✓	✓			✓
Managerial Effectiveness for Business					✓	✓		✓				✓			✓	✓	✓			✓

Course																			
Analytics for Decision Making																			
Legal Environment for Business			✓									✓	✓	✓				✓	
Marketing Management			✓	✓					✓			✓	✓	✓				✓	
Human Resource Management			✓	✓					✓			✓	✓	✓				✓	
Production and Operations Management			✓	✓	✓		✓			✓		✓	✓	✓				✓	
Corporate Finance and Indian Financial System			✓		✓		✓			✓		✓	✓	✓				✓	
Entrepreneurship and Project Management		✓	✓				✓					✓	✓	✓				✓	

Course	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Elective Computer Applications for Business		✓	✓				✓				✓	✓	✓					✓
Organizational Behaviour & Design	✓		✓	✓		✓	✓		✓		✓	✓	✓					✓
Marketing Research			✓								✓	✓	✓					✓
Consumer Behaviour	✓		✓				✓				✓	✓	✓					✓
Services Marketing	✓		✓				✓				✓	✓	✓					✓
Investment Analysis and Portfolio Management			✓	✓		✓			✓		✓	✓	✓					✓
Management of Financial Services				✓		✓			✓		✓	✓	✓					✓
Organizational Change and Development	✓		✓				✓				✓	✓	✓					✓
Employee Relations	✓		✓				✓				✓	✓	✓					✓
Human Values, De-	✓		✓				✓				✓	✓	✓					✓

Subject																
addiction and Traffic Rules		✓			✓	✓				✓			✓	✓		✓
Seminar on Summer Training Report					✓					✓						
Comprehensive Viva-Voce					✓								✓			
Corporate Strategy						✓										
Integrated Marketing		✓			✓				✓			✓	✓	✓		✓
Communication and Sales Management																
International and Social Media Marketing		✓			✓				✓			✓	✓	✓		✓
International Finance and Financial Derivatives			✓		✓			✓			✓		✓	✓		✓
Taxation and Personal Financial Planning			✓		✓			✓			✓		✓	✓		✓
International Human Resource		✓						✓			✓		✓	✓		✓

	4	14	0	7	35	13	0	2	12	1	16	0	16	0	34	31	31	2	0	33
Management		✓			✓						✓				✓	✓	✓			✓
Performance and Compensation Management		✓		✓	✓	✓		✓							✓	✓	✓	✓		✓
Management					✓	✓					✓				✓	✓	✓			✓
Viva-Voce for Project / Dissertation																				
Workshop on Indian Ethos	✓																			

Head, of Management Studies,
Deptt. of Management Studies,
Amritsar College of Engg.
& Technolog, Amritsar.

Programme Specific Assessment

MCA

AMRITSAR GROUP OF COLLEGES

Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC -A Grade

(Formerly Known as Amritsar College of Engineering & Technology I Amritsar Pharmacy College)

DEPARTMENT OF COMPUTER APPLICATIONS

MCA

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Discrete Structures & Optimization		√			√				√	√	√	√	√	√	√	√	√	√	√	
Programming in Python					√				√			√	√	√	√	√				
Advanced Data Structures					√		√	√	√	√	√	√	√	√		√	√	√		
Advanced Database Management System					√		√	√	√	√	√	√	√			√	√	√	√	
Technical Communication		√			√			√	√	√		√	√	√	√	√	√		√	
Web Technologies	√	√						√	√	√		√	√		√	√		√		
Design & Analysis of Algorithms					√			√			√	√		√	√	√		√		
Advanced Java									√	√		√		√	√					
Linux Administration					√				√			√	√	√	√	√				√
Information Security & Cyber Law					√		√	√	√	√	√	√	√	√	√	√	√			
Advanced Computer Networking	√	√	√						√	√	√	√	√	√	√	√				
Artificial Intelligence & Soft Computing					√				√			√	√	√	√	√				√
Theory of Computation							√	√				√			√			√		
Mobile Applications Development	√			√	√	√		√	√			√						√		
Simulation & Modelling		√			√		√	√	√	√		√	√		√	√	√			
Machine Learning & Data Analytics using Python			√		√		√	√	√	√	√	√	√		√	√	√			
Advanced Web Technologies					√	√		√	√	√		√	√	√			√		√	
Cloud Computing	√	√						√	√	√	√	√	√	√	√	√				
Digital Image Processing		√					√				√		√	√	√					
Project							√	√			√		√	√	√					
Total	4	6	3	1	13	2	4	12	18	12	10	18	14	16	15	16	9	12	4	4

Head,

Dept. of Computer Applications,

Amritsar College of Engg. & Technology

Ar

Programme Specific Assessment

M.Tech. (CSE)

AMRITSAR GROUP OF COLLEGES
Autonomous status conferred by UGC under UGC act-1956, (2f), NAAC-A Grade

Department of CSE

Course	Experiential										Participative						Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Mathematical foundation of Computer Science		√											√	√	√		√			
Advanced Data Structure		√			√						√	√	√	√	√	√	√	√		
Machine Learning	√			√	√	√	√	√			√	√		√	√	√	√	√		√
Data Science		√	√			√	√		√		√	√	√	√	√	√	√			
Research Methodology and IPR	√	√			√	√			√	√	√	√	√	√	√	√	√	√		
Advanced data Structure lab	√	√									√	√	√		√	√	√		√	
Data Science Lab	√											√					√	√		
Computer Vision	√	√					√	√				√				√	√			
Digital Forensic		√						√			√	√	√	√	√		√	√		
Computer Vision Lab	√									√		√		√	√					
Advance Algorithm Lab	√								√		√	√		√		√		√		
Mini Project with seminar	√	√					√	√	√	√							√	√		
English for research Paper writing									√			√							√	√
Optimization techniques	√	√			√				√			√	√	√	√	√				√
Buisness Analytcis	√	√						√	√			√	√	√	√	√		√		
Industry/Institutional	√				√				√			√							√	√
Dissertation										√									√	√
Total	11	10	1	1	5	3	4	5	8	4	7	14	8	10	10	9	10	7	4	5

HOD CSE
20/12/21

Programme Specific Assessment

M.Tech. Civil Engineering

Amritsar Group of Colleges
Department of Civil Engineering
(M.Tech Civil Engineering)

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Composite Materials	√	√			√				√		√				√	√			√	
Hydrological Processes		√			√	√									√	√			√	
Pavement Design	√	√					√				√				√	√				
Geoenvironmental Engineering				√						√					√	√				
Advanced Structural Design		√				√	√				√				√	√				
Water Quality Modeling			√		√	√									√	√				
Earthquake Engineering		√	√		√				√		√				√	√				√
Advanced Traffic Engineering		√			√	√	√				√				√	√				
Elective - I		√		√									√		√	√				
Elective - II		√		√					√				√		√	√				
Elective - III		√		√							√		√		√	√				
Elective - IV		√		√	√				√				√		√	√				√
Seminar		√		√	√					√		√		√	√					√
Project	√		√		√	√		√	√	√		√		√	√	√		√	√	√
Dissertation	√	√		√	√	√		√	√	√				√	√	√			√	√
Total	4	12	3	6	10	6	3	2	6	4	6	2	4	3	15	12	0	2	4	5

Head
Deptt. of Civil Engineering
Amritsar College of Engineering
& Technology, Amritsar

Programme Specific Assessment

B. Pharmacy

Amritsar Group of Colleges, Amritsar
Department of Pharmaceutical Sciences
B. Pharmacy

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Human Anatomy and Physiology		√			√					√	√			√	√	√				
Pharmaceutical Analysis	√				√					√	√			√	√	√				
Pharmaceutics	√		√							√	√			√	√	√				
Pharmaceutical Inorganic Chemistry		√			√					√	√			√	√	√				
Communication skills	√	√							√	√	√			√	√					
Remedial Biology/ Remedial Mathematics			√		√						√				√	√				
Pharmaceutical Organic Chemistry		√			√					√	√	√		√	√	√				
Biochemistry	√	√			√					√	√	√		√	√	√				
Pathophysiology		√								√				√	√	√				
Computer Applications in Pharmacy	√														√	√				
Environmental sciences	√										√			√	√					
Pharmaceutical Microbiology		√			√					√	√			√	√	√				
Pharmaceutical Engineering		√			√					√	√	√		√		√				
Medicinal Chemistry					√					√	√	√		√		√				
Pharmacology						√		√		√	√	√		√	√	√				
Pharmacognosy and Phytochemistry	√				√					√	√					√				
Industrial Pharmacy	√				√					√	√				√	√				
Pharmaceutical Jurisprudence		√									√				√	√				
Herbal Drug Technology					√						√			√	√	√				
Biopharmaceutics & Pharmacokinetics	√									√		√		√	√	√				
Pharmaceutical Biotechnology			√		√					√	√	√		√	√	√				
Quality Assurance	√									√	√	√			√	√				
Pharmacy Practice	√				√			√		√	√		√	√				√		
Novel Drug Delivery Systems	√									√	√			√	√	√				
Practice School								√		√	√	√		√				√		
Biostatistics & Research Methodology					√						√			√	√					
Social & Preventive Pharmacy		√	√		√					√				√	√	√				
Pharma Marketing Management	√									√		√		√	√	√				
Pharmaceutical Regulatory Science	√			√	√					√		√		√	√	√				
Pharmacovigilance		√			√					√		√		√		√				
Quality Control & Standardization Of Herbals			√		√					√	√			√	√	√				
Computer Aided Drug Design				√	√						√			√	√	√				
Cell And Molecular Biology			√		√					√	√			√	√	√				
Cosmetic Science				√						√	√			√	√	√				
Advanced Instrumentation Techniques	√				√					√	√			√	√	√				
Dietary Supplements & Nutraceuticals				√	√					√				√	√	√				
Pharmaceutical Product Development	√			√	√				√					√	√	√				
Project Work								√											√	
Total	16	11	6	5	24	1	0	4	2	27	28	14	2	26	34	35	0	3	0	0

Mr.SorabhSehajpal
Head of Department
Department of Pharmaceutical Sciences

Programme Specific Assessment

B.Sc. MLS

Amritsar Group of Colleges, Amritsar
Department of Pharmaceutical Sciences
B.Sc. Medical Laboratory Sciences

Course	Experiential									Participative							Problem Solving			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Essential Biology		√			√					√	√			√	√	√				
General Microbiology	√	√			√					√	√	√		√	√	√				
Basics of Biochemistry	√	√			√					√	√	√		√	√	√				
English		√			√				√		√	√			√	√				
Human Values, De addiction and Traffic Rules	√	√			√				√	√	√	√		√	√	√				
Mentoringand ProfessionalDevelopment	√				√			√	√		√	√			√	√				
SystemicBacteriology Theory		√	√		√					√	√			√	√	√				
BiochemicalMetabolism	√	√			√					√	√	√		√	√	√				
Humananatomy andphysiology		√	√		√					√	√	√		√	√	√				
BasicHematology-& HematologicalTechniques		√			√					√	√	√		√	√	√				
BasicCellPathology	√	√			√					√	√	√			√	√				
ClinicalBiochemistry		√			√					√	√			√	√	√				
Immunologyand Mycology		√	√		√	√				√	√	√		√	√	√				
MedicalLabManagement		√			√				√	√	√	√		√	√	√				
Histotechnology		√			√					√	√	√			√	√				
MinorProject																		√		
BloodBanking	√	√			√					√	√			√	√	√				
Parasitologyandvirology		√	√		√	√				√	√			√	√	√				
MajorProject																		√		
Total	7	16	4	0	17	2	0	1	4	15	17	12	0	13	17	17	0	2	0	0

Mr.SorabhSehajpal

Head of Department
Department of Pharmaceutical Sciences