



ORIENTAL UNIVERSITY, INDORE

(Established under M.P. Niji Vishwavidyalay (Sthapana avam Sanchalan), Adhiniyum 2007)

(Recognized by University Grants Commission, New Delhi)

Opp. Rewati Range Gate no. 1, Post Aurobindo

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B. Sc (Hons) Agriculture – First Semester

Courses Focusing on Employability, Entrepreneurship and Skill Development

B. Sc (Hons) Agriculture – First Semester

S.No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	HORT-111	Fundamentals of Horticulture	✓	✓	-
2	BIOCHEM-111	Fundamentals of Plant Biochemistry and Biotechnology	-	-	✓
3	SSAC-111	Fundamentals of Soil Science	✓	✓	-
4	HORT-112	Introduction to Forestry	✓	-	-
5	ENG-111	Comprehension & Communication Skills in English		-	✓
6	AGRON-111	Fundamentals of Agronomy	✓	-	✓
7	BIO-111	Introductory Biology*	✓	-	✓
8	MATHS-111	Elementary Mathematics*		-	✓
9	AGHR-111	Agricultural Heritage*	✓	✓	-
10	EXCOM-111	Rural Sociology & Educational Psychology	✓	✓	-
11	HVE-111	Human Values & Ethics (non gradial)	-	✓	✓
12	NSS/NCC/PEYP	NSS/NCC/Physical Education & Yoga Practices**	✓	✓	✓

B. Sc (Hons) Agriculture – Second Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	GPB-121	Fundamentals of Genetics	✓	-	✓
2	SSAC-121	Agricultural Microbiology	-	✓	✓
3	AGENGG-121	Soil and Water Conservation Engineering	✓	-	✓
4	CPHYS-121	Fundamentals of Crop Physiology	-	-	✓
5	AGECON-121	Fundamentals of Agricultural Economics	✓	✓	-
6	PPATH-121	Fundamentals of Plant Pathology	✓	-	✓
7	ENTO-121	Fundamentals of Entomology	✓	-	✓
8	EXCOM-121	Fundamentals of Agricultural Extension Education	✓	✓	-
9	CSPD-121	Communication Skills and Personality Development	✓	-	✓

B. Sc (Hons) Agriculture – Third Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	AGRON-211	Crop Production Technology – I (Kharif Crops)	-	✓	✓
2	GPB-211	Fundamentals of Plant Breeding	-	✓	✓
3	AGENGG-211	Farm machinery and Power	✓	-	✓
4	HORT-211	Production Technology for Vegetable and Spices	-	✓	-
5	AGECON-211	Agricultural Finance and cooperation	✓	✓	-
6	AGRINFO-211	Agriculture informatics	-	-	✓
7	ESDM-211	Environmental Studies and Disaster Management	-	-	✓
8	STAT-211	Statistical Methods	-	-	✓
9	ANISC-211	Livestock and Poultry Management	✓	✓	-

B. Sc (Hons) Agriculture – Fourth Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	AGRON-221	Crop production technology –ii (<i>rabi crops</i>)	-	✓	✓
2	HORT-221	Production Technology for Ornamental Crops, MAP and Landscaping	✓	✓	-
3	AGENGG-221	Renewable Energy and Green Technology	✓	-	-
4	SSAC-221	Problematic Soils and their Management	-	-	✓
5	HORT-222	Production Technology for Fruit and Plantation Crops	✓	✓	✓
6	GPB-221	Principles of Seed Technology	-	-	✓
7	AGRON-222	Farming system & sustainable agriculture	✓	✓	✓
8	AGECON-221	Agricultural marketing trade & prices	-	✓	
9	AGRON-223	Introductory Agro-meteorology & Climate Change	-	-	✓
10	HORT-223	Hi tech horticulture	✓	✓	✓
		NSS	-	✓	-

B. Sc (Hons) Agriculture – Fifth Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	AGRON-311	Practical Crop Production – I (Kharif Crops)	✓	✓	✓
2	SSAC-311	Manures, fertilizers and soil fertility Management	-	-	✓
3	ENTO-311	Pest of Crops and Stored Grains and their Management	✓	-	-
4	PPATH-311	Principals of Integrated Pest and Disease Management	-	-	✓
5	GPB-311	Crop Improvement –I (Kharif Crops)	✓	-	✓
6	EDBC-311	Entrepreneurship Development and Business Communication	-	✓	-
7	AGRON-312	Geo-Informatics and Nanotechnology for precision Farming	✓	-	✓
8	GPB-312	Intellectual Property Rights	-	✓	
9	PPATH-312	Diseases of Field and Horticultural Crops and their Management -I	-	-	✓
10	HORT-311	Landscaping (Elective course)	-	-	✓

B. Sc (Hons) Agriculture – Sixth Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	PPATH-321	Disease of field and horticultural crops and their management-II	✓	-	-
2	AGRON-321	Rainfed Agriculture and Watershed management	-	✓	✓
3	HORT-321	Post harvest management and value addition of fruits and vegetables	-	✓	-
4	AGENGG-321	Protected cultivation and secondary agriculture	-	-	✓
5	ENTO-321	Management of beneficial insects	-	✓	
6	GPB-321	Crop improvement-II (Rabi crops)	✓	-	-
7	AGRON-322	Practical crop production-II (Rabi crop)	✓	-	✓
8	AGRON-323	Principle of organic farming	✓	-	-
9	AGECON-321	Farm management, production and resource economy	-	✓	-
10	HORT-322	Principles of Food Science & Nutrition	-	-	✓
11	HORT-323	Protected cultivation (Elective course)	-	-	✓

B. Sc (Hons) Agriculture – Seventh Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	SVE-411	Survey of Village	✓	✓	-
2	AIS-411	Agronomical Interventions (1 credit from plant clinic)	✓	-	-
3	PPI-411	Plant Protection Interventions	-	-	✓
4	SIT-411	Soil Improvement Interventions (Soil sampling and testing)	✓	-	✓
5	FVP-411	Fruit and Vegetable production interventions (1 credit from plant clinic)	-	✓	-
6	FPS-411	Food Processing and Storage interventions	✓	✓	✓
7	API-411	Animal Production Interventions	-	✓	-
8	ETA-411	Extension and Transfer of Technology activities	-	✓	-
9	AIA-411	Agro-Industrial Attachment	✓	✓	-

B. Sc (Hons) Agriculture – Seventh Semester

S. No	Subject Code	Subject Name	Employability	Entrepreneurship	skill development
1	ELP/M1	Elective Module-1	-	-	✓
2	ELP/M2	Elective Module -2	-	-	✓

ANNEXURE I

ORIENTAL UNIVERSITY, INDORE
Department of Civil Engineering

Gate No.1, Sanwer Rd, opposite Revati Range, Jakhya, Indore, Madhya Pradesh 453555

1.1.2 List of courses with focus on competency/employability/skill development offered either by the University or in collaboration with partner institution /industries during the last five years

DEPARTMENT OF CIVIL ENGINEERING					
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development
B.TECH. CIVIL ENGINEERING					
BT-101T	Engg. Chemistry	✓	-	-	-
BT-102 T	Engg. Mathematics –I	✓	✓	-	✓
BT-103T	English	✓	✓	-	✓
BT-104T	Basic Electrical & Electronics Engineering Engg.	✓	-	-	✓
BT-105T	Engineering Graphics	✓	✓	-	✓
BT-101P	Engg. Chemistry	✓	-	-	-
BT-103P	English	✓	-	-	-
BT-104P	Basic Electricals & Electronics Engg.	✓	-	-	✓
BT-105P	Engineering Graphics	✓	-	✓	✓
BT-101T	Fundamentals of Engineering (Branch Specific) Part -I	✓	-	-	✓
BT-102 T	Communication (GD / Seminar)	✓	-	✓	✓
BT-103T	Rural Outreach	✓	✓	-	✓
BT-104T	Engg. Chemistry	✓	-	-	✓
BT-105T	Engg. Mathematics –I	✓	-	-	✓
BT-101P	English	✓	-	-	✓
BT-103P	Basic Electrical & Electronics Engineering Engg.	✓	-	-	✓
BT-104P	Engineering Graphics	✓	-	-	✓
BT-101P	Engg. Chemistry	✓	-	-	-
BT-103P	English	✓	✓	-	✓
BT-104P	Basic Electricals & Electronics	✓	✓	-	✓

	Engg.				
BT-105P	Engineering Graphics	✓	-	-	✓
BT-106	Fundamentals of Engineering (Branch Specific) Part -I	✓	✓	-	✓
BT-107	Communication (GD / Seminar)	✓	-	-	-
BT-108	Rural Outreach	✓	-	-	-
BT-201 T	Engg. Mathematics -II	✓	-	-	✓
BT-202 T	Engg. Physics	✓	-	✓	✓
BT-203 T	Basic Computer Engineering	✓	-	-	✓
BT-204 T	Basic Civil Engineering & Mechanics	✓	-	✓	✓
BT-205 T	Introduction of Mechanical Engineering & Design	✓	✓	-	✓
BT-202 P	Engg. Physics	✓	-	-	✓
BT-203 P	Basic Computer Engineering	✓	-	-	✓
BT-205 P	Introduction of Mechanical Engineering & Design	✓	-	-	✓
BT-206	Fundamentals of Engineering (Branch Specific) Part –II	✓	-	-	✓
BT-207	Work Shop Practice	✓	✓	-	✓
BT-208	Environmental Sciences	✓	-	-	✓
BTCE-301 (T)	Mathematics -III	✓	✓	✓	✓
BTCE-302(T)	Transportation Bridgesand Tunnels	✓	-	-	✓
BTCE-303(T)	Strength of Materials	✓	-	✓	✓
BTCE-303(P)	Strength of Materials	✓	-	✓	✓
BTCE-304(T)	Engineering Geology	✓	-	-	✓
BTCE-304(P)	Engineering Geology	✓	-	-	✓
BTCE-305(T)	Bldg. Design & Drawing	✓	-	-	✓
BTCE-305(P)	Bldg. Design & Drawing	✓	-	-	✓
BTCE -306(P)	JAVA Technology	✓	-	-	✓
BTCE-307(P)	Self study (Internal Evaluation)	✓	-	-	✓
BTCE-308(P)	Seminar / Discussion (Internal Evaluation)	✓	✓	-	✓
BTCE-401 (T)	Cost-Effective & Eco-Friendly Construction	✓	-	-	✓
BTCE-402 (T)	Concrete Technology	✓	✓	✓	✓
BTCE-403 (T)	Surveying	✓	-	-	✓
BTCE-403 (P)	Surveying	✓	-	✓	✓
BTCE-404 (T)	Construction Materials & Techniques	✓	-	✓	✓
BTCE-404 (P)	Construction Materials & Techniques	✓	-	-	✓
BTCE-405 (T)	Fluid Mechanics-I	✓	-	-	✓
BTCE-405 (P)	Fluid Mechanics-I	✓	-	-	✓
BTCE -406 (P)	Computer Programming -II	✓	-	-	✓
BTCE-407 (P)	Self study (Internal Assessment)	✓	✓	-	✓
BTCE-408 (P)	Seminar / Group Discussion (Internal Assessment)	✓	-	-	✓
BTCE-501 (T)	Transportation Engg. - II	✓	✓	✓	✓
BTCE-501 (P)	Transportation Engg. - II	✓	-	-	✓
BTCE-502 (T)	Advance Surveying	✓	-	✓	✓
BTCE-502 (P)	Advance Surveying	✓	-	✓	✓

BTCE-503 (T)	Fluid Mechanics-II	✓	✓	-	✓
BTCE-503 (P)	Fluid Mechanics-II	✓	-	-	✓
BTCE-504 (T)	Structural Design & Drawing- I (R.C.C.)	✓	✓	✓	✓
BTCE-504 (P)	Structural Design & Drawing- I (R.C.C.)	✓	-	-	✓
BTCE -505 (T)	Theory Of Structures - I	✓	-	✓	✓
BTCE-506 (P)	Tour Training	✓	-	✓	✓
BTCE-601 (T)	Theory of structures - II	✓	-	✓	✓
BTCE-601 (P)	Theory of structures - II	✓	✓	-	✓
BTCE-602 (T)	Water resources & Irrigation Engineering	✓	-	-	✓
BTCE-603 (T)	Environmental Engineering - I	✓	✓	✓	✓
BTCE-603 (P)	Environmental Engineering - I	✓	-	-	✓
BTCE-604 (T)	Quantity surveying & Costing	✓	-	✓	✓
BTCE-604 (P)	Quantity surveying & Costing	✓	-	✓	✓
BTCE-605(T)	Structural Design & Drawing –II	✓	-	✓	✓
BTCE -605(P)	Structural Design & Drawing –II	✓	✓	✓	✓
BTCE-606(P)	Self study (Internal Evaluation)	✓	-	✓	✓
BTCE-607 (P)	Seminar / Discussion (Internal Evaluation)	✓	-	-	✓
BTCE-701 (T)	Design of Hydraulic Structure	✓	✓	-	✓
BTCE-702 (T)	Advance Structural design-II (RCC)	✓	-	-	✓
BTCE-702 (P)	Advance Structural design-II (RCC)	✓	✓	✓	✓
BTCE-703 (T)	Environmental Engineering – II	✓	-	-	✓
BTCE-703 (P)	Environmental Engineering - II	✓	-	✓	✓
BTCE-704 (T)	Geo-technical Engg.-I	✓	-	✓	✓
BTCE-704 (P)	Geo-technical Engg.-I	✓	-	✓	✓
BTCE-706 (P)	Minor Project	✓	✓	✓	✓
BTCE-707 (P)	Tour/Training	✓	-	✓	✓
BTCE -708 (P)	Seminar/Group Discussion	✓	-	-	✓
BTCE-801(T)	Geo. Technical Engg. II	✓	✓	-	✓
BTCE-801(P)	Geo. Technical Engg. II	✓	-	-	✓
BTCE-802(T)	Construction Planning & Management	✓	✓	-	✓
BTCE-803(T)	Advanced Structural Design-II (Steel)	✓	-	-	✓
BTCE-803(P)	Advanced Structural Design-II (Steel)	✓	✓	✓	✓
Ref. table below	Elective –II	✓	-	-	✓
BTCE-805(P)	Major Project	✓	-	✓	✓
BTCE-806(P)	General Proficiency	✓	-	✓	✓

M.TECH. STRUCTURAL ENGINEERING

MTSE- 1001(T)	Theory of Elasticity andPlasticity	✓	-	✓	✓
MTSE- 1002(T)	Design ofConcrete Structures	✓	✓	✓	✓
MTSE- 1003(T)	Advance Mathematics and Numerical Analysis	✓	-	-	✓
MTSE- 1004(T)	Computingtechniques	✓	-	-	✓
MTSE- 1005(T)	Elective –I	✓	-	-	✓
MTSE- 1006(P)	Lab-I Design of ConcreteStructures	✓	-	-	✓
MTSE- 1007(P)	Lab-II ComputingTechniques	✓	-	-	✓
MTSE- 2001(T)	StructuralDynamics	✓	-	-	✓

MTSE- 2002(T)	Finite ElementMethod	✓	-	-	✓
MTSE- 2003(T)	Concrete Technologyand composites	✓	✓	-	✓
MTSE- 2004(T)	Theory of Plates andShells	✓	-	-	✓
MTSE- 2005(T)	Elective –II	✓	✓	✓	✓
MTSE- 2006(P)	Seminar	✓	-	-	✓
MTSE- 2007(P)	Lab - Structural Software Lab	✓	-	✓	✓
MTSE-3001 (C)(T)	Design Of Steel Structures	✓	-	✓	✓
MTSE-3002 (A) (T)	Advance FoundationEngineering	✓	-	✓	✓
MTSE-3003(P)	Seminar	✓	✓	✓	✓
MTSE-3004(P)	Dissertation Part – I (Literature Review/ProblemFormulation/Syn Opsis)	✓	-	✓	✓
MTSE- 4001(P)	DissertationPart- II	✓	-	-	✓

Head of the Department
Department of Civil Engineering
Oriental University
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Faculty of Commerce

ORIENTAL UNIVERSITY, INDORE

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453555

List of Courses with Focus on Employability/ Entrepreneurship/Skill Development

Course Code	Course	Employability	Entrepreneurship	Skill Development
	B. COM			
BC-101	Environmental studies	-	-	✓
BC-102	Financial Accounting	✓	✓	✓
BC-103	Business Mathematics	✓	-	✓
BC-104	Business Economics	✓	✓	✓
BC-105	Principles And Practices Of Management	✓	✓	✓
BC-106	Introduction To Computers	✓	-	✓
BC-201	English	-	-	✓
BC-202	Business Environment in India	✓	✓	✓
BC-203	Principles of marketing	-	✓	✓
BC-204	Business Statistics	✓	✓	✓
BC-205	Cost Accounting	✓	✓	✓
BC-206	Database management system	✓	-	✓
BC-301	Business Communication & Report Writing	✓	✓	✓
BC-302	Entrepreneurship	✓	✓	✓
BC-303	Management Accounting	✓	✓	✓
BC-304	Business Legislation	-	-	✓
BC-305	Human Resource management	✓	✓	✓

BC-306	E-Commerce	✓	✓	✓	✓
BC-401	Organization Behaviors	✓	-	✓	-
BC-402	Corporate Accounting	✓	✓	✓	✓
BC-403	Economics –II	✓	✓	✓	✓
BC-404	Project Management	✓	✓	✓	✓
BC-405	Fundamental of Banking and Insurance	✓	✓	-	✓
BC-406	Management Information System	✓	✓	✓	✓
BC-501	Advance Auditing	✓	✓	✓	✓
BC-502	Income Tax	✓	-		✓
BC-503	Introduction to Foreign Trade	✓	✓	✓	✓
BC-504	Financial Institutions & Markets	✓	-	✓	✓
BC-505	Company law	✓	-	✓	✓
BC-506	Evolution of Internet	✓	-	-	✓
BC-601	Advance Cost Analysis	✓	✓	-	✓
BC-602	Public Finance	✓	✓	-	✓
BC-603	Financial Management	✓	✓	✓	✓
BC-604	Strategic Tax management	✓	✓	-	✓
BC-605	Legal Environment of Business	✓	✓	-	-
BC-606	Programming with C&C++	✓	✓	-	✓

Oriental University, Indore (M.P.)

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1.1.2 List of courses with focus on competency/employability/skill development offered either by the University or in collaboration with partner institution /industries during the last five years

Faculty of Computer Science and Engineering						
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development	Reasoning/Explanation
B. Tech (Computer Science and Engineering)						
BT-101	Engg. Mathematics -I	√				To increase Competency
BT-102	Engg. Chemistry	√	√			To increase chemistry knowledge to increase employability
BT-103	English				√	To increase communication skill
BT-104	Basic Electricals & Electronics Engg.	√				to increase employability
BT-105	Engineering Graphics	√			√	to increase employability
BT-106	Fundamentals of Engineering (Branch Specific) Part -I	√				To increase Entrepreneurship
BT-107	Communication (GD / Seminar)	√				To increase communication skill
BT-108	Rural Outreach		√			For Employability
BT-201	Engg. Mathematics -II	√				To increase Competency
BT-202	Engg. Physics		√			For increasing Employability
BT-203	Basic Computer Engineering	√				
BT-204	Basic Civil Engineering & Mechanics		√			For increasing Employability

BT-205	Introduction of Mechanical Engineering & Design Engineering		√			For increasing Employability
BT-206	Fundamentals of Engineering (Branch Specific) Part -II		√			For increasing Employability
BT-207	Work Shop Practice	√		√		Entrepreneurship
BT-208	Environmental Sciences	√		√		Entrepreneurship
BTCS-301	Discrete Mathematics	√				To increase competency
BTCS-302	Computer System Organization	√			√	Student learn about different parts of computers
BTCS-303	Object Oriented Programming in C++	√	√			Students learn about programming
BTCS-304	Data Structure	√				Student learn about data science

BTCS-305	Linux and Shell Programming	√		√		Students learn about Linux programming
BTCS-306	Technical Presentation Skill	√	√		√	Student learn about different technical aspect
BTCS-307	Minor Project / Assignment	√				Students works on minor projects
BTCS-308	Seminar / Discussion (Internal Evaluation)	√				Students represent on different topics
BT-401	Java Technology	√	√			Student learn about java
BTCS-402	Computer Network	√				Student learn about different aspect of computer network
BTCS-403	Operating System	√				Student learn about different aspect of operating system
BTCS-404	Python Technology	√	√			Student learn about python
BTCS-405	ADA	√				Student learn about ADA
BTCS -406	Computer Programming Dot NET	√	√			Student learn about . net technologies
BTCS-407	Self Study (Internal Assessment)	√				Student evaluation
BTCS-408	Seminar / Group Discussion (Internal Evaluation)	√				Student performance Evaluation
BTCS-501	Digital Marketing and Entrepreneurship	√		√		Entrepreneurship
BTCS-502	Database Management System	√	√			Employability
BTCS-503	Web Technology	√		√	√	Student learn about different HTML,CSS
BTCS-504	Computer Graphics and Multimedia	√				Student learn about different aspect of CG
BTCS-505	Theory of Computation	√				Student learn about tuning machine, regular expression
BTCS -506	Technical Presentation Skill	√			√	Student learn about different types of network protocol
BTCS-507	Minor Project / Assignment	√				Student work on different technologies and build particular project
BTCS-508	Seminar / Group Discussion (Internal Evaluation)	√				Student show their Idea through GD
BTCS-601	Microprocessor and Interfacing	√				Student learn about different type of processor
BTCS-602	Principles of Programming Language	√				Student learn about programming concept with ease

BTCS-603	Software Engineering and Project Management	√			√	Student learn about different types of network protocol
BTCS-604	Computer Networking	√				Student learn about different types of network protocol
BTCS-605	Advanced Computer Architecture	√				Student learn about different type of processor.
BTCS -606	Minor Project -1	√				Student develop particular project.
BTCS-607	Self study (Internal Assessment)	√				Self Evolution
BTCS-608	Seminar / Group Discussion (Internal Assessment)	√				Student different thought through GD
BTCS-701	Object Oriented Analysis and Design	√				Student learn about ooads concept
BTCS-702	Mobile Application Development	√				Student learn about how to develop mobile application
BTCS-703	Cloud Computing and Virtualization	√				Student learn about different model of cloud computing
BTCS-704	Data Mining and Big Data	√				Data analysis
BTCS-7102	Web Technology Elective I	√		√		HTM L,CSS
BTCS-706	Major Project	√				Build Major project
BTCS-707	Self Study (Internal Assessment)	√	√	√		Self Evolution
BTCS-801	Compiler Design	√				Student learn about different type of compiler
BTCS-802	AI and Soft Computing	√	√			Student learn about Artificial intelligence
BTCS-803	Software Testing & Quality Assurance	√				Different type of testing
BTCS-804	Network and Web Security	√				Encryption and decryption
BTCS-805	Self Study (Internal Assessment)	√	√		√	Self study
BTCS-806	Self Study (Internal Assessment)	√				Self study
BTCS-807	Seminar/Group Discussion (Internal Assessment)	√	√			Group Discussion
M. Tech (Computer Network)						
MTCN 101	Advanced Computer Network	√				Student learn about computer network
MTCN 102 (T)	Network Programming	√				Student employ different type of IP address and port address

MTCN 103	Distributed Computing	√				Student learn about Distributed computing
MTCN 104 (T)	Information Security	√				Student learn about information security
MTCN 1053	Elective I (JAVA & WEB TECHNOLOGIES)	√	√			Choose particular subject learn about it.
MTCN 106 (P)	Network Programming	√				Learn about network programming
MTCN 107 (P)	Distributed Computing	√				Learn about DC
MTCN 201	Wireless and Mobile Networks	√				Student learn about Mobile network
MTCN 202	Client-Server Programming	√				Student learn about client server programming
MTCN 203	Network Security	√	√			Student learn about network Security
MTCN 204	Analysis of Computer Network	√				Student learn about Analysis of computer network
MTCN 2053 (T)	Elective II (WEB ENGINEERING)	√				Student learn about web engineering
MTCN 206	Lab – III (Client Server)	√				Lab work
MTCN 207	Lab – IV-Network Security	√				Lab work
MTCN 301	Network Management	√				Student learn about network management
MTCN 3021 (T)	Elective III (SOFT COMPUTING)	√				Student learn about soft computing
MTCN 303 (P)	Seminar	√				seminar
MTCN 304 (P)	Dissertation Part- I	√	√			Dissertation work
MTCN 401	Dissertation Part- II	√	√			Dissertation work



HOD (CSE)



Annexure I

ORIENTAL COLLEGE OF PHARMACY AND RESEARCH ORIENTAL UNIVERSITY, INDORE

Gate No.1, Sanwer Rd, opposite Revati Range, Jakhya, Indore, Madhya Pradesh
453555

1.1.3 List of courses with focus on competency/employability/skill development offered either by the University or in collaboration with partner institution during the last five years

Department of Education					
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development
	B.Ed				
BED-101	Childhood & Growing Up	✓	-	-	✓
BED-102	Education in India-Status, Problems and Issues	✓	-	-	-
BED-103(P)	Language across the curriculum- Part-I	-	-	-	-
BED-104	Curriculum Development & School	✓	-	-	-
BED-105 (P)	Reading and Reflecting on Texts	-	-	-	✓
BED-201	Learning & Teaching	✓	-	-	-
BED-202	PC(I) Pedagogy of a school subject part-I	✓	-	-	✓
BED-203	PC(II) Pedagogy of a school subject part-II	✓	-	-	✓
BED-204	Language across the curriculum- II	✓	-	-	✓
BED-205	EPC2 Drama & Art in education	✓	-	-	✓
BED-301 (P)	Pedagogy of a school subject (Part II)	✓	-	-	✓
BED-302 (P)	School Internship	✓	-	-	✓
BED-303(P)	Educational Psychology Practical	-	-	-	✓
BED-401	Gender, School & Society	✓	-	-	-
BED-402	Educational Technology & ICT	✓	-	-	✓
BED-403	Creating an Inclusive School	✓	-	-	✓
BED-404	Guidance and counseling in School	✓	-	-	✓
BED-405 (P)	EPC3 : Understanding the Self	✓	-	-	✓
BED-406 (P)	EPC4 : Understanding of ICT	✓	-	-	✓

B.A.B.Ed

BBED-101	Foundation Course I	✓	-	-	-
BBED-102	Foundation Course II	✓	-	-	✓
BBED-103	History	✓	-	-	-
BBED-104	Political science	✓	-	-	-
BBED-105 (S)	Sociology	✓	-	-	-
BBED-105 (E)	English Litt.	✓	-	-	-
BBED-106	Education in India-Status, Problem and Issues	✓	-	-	-
BBED-201	Foundation Course I		-	✓	✓
BBED-502	Foundation Course II	✓		✓	✓
BBED-503	History	✓	-	-	-
BBED-504	Political science		-	-	-
BBED-505 (S)	Sociology	✓		-	-
BBED-505 (E)	English Litt.	✓	-	-	-
BBED-505 (H)	Hindi Litt.	✓	-	-	-
BBED-506	Learning & Teaching	✓	✓	-	-
BBED-601	Foundation Course I	✓	-	✓	✓
BBED-602	Foundation Course II	✓	-	✓	✓
BBED-603	History	✓	-	-	-
BBED-604	Political science	✓	-	-	-
BBED-605 (S)	Sociology	✓	-	-	-
BBED-605	English Litt.	✓	-	-	-
	Hindi Litt.	✓	-	-	-
BBED-606	Language across the curriculum Part 2	✓			✓
BBED-607	Drama and Art in Education	✓	✓	✓	✓
BBED-701 (P)	Pedagogy of a school subject (Part II)	✓	-	-	✓
BBED-702 (P)	School Internship	✓	-	-	✓
BBED-703(P)	Educational Psychology Practical	✓	-	-	✓
BBED-801	Gender , School & Society	✓	✓	-	✓
BBED -802	Educational Technology & ICT	✓	-	-	✓
BBED -803	Creating an Inclusive School	✓	-	-	✓
BBED -804	Guidance and counseling in School	✓	-	-	✓
BBED -805 (P)	EPC3 : Understanding the Self	✓	-	-	✓
BBED -806 (P)	EPC4 : Understanding of ICT	✓	✓	✓	✓

B.Ed Part Time

BEDP-101	Childhood & Growing Up	✓	-	-	✓
BEDP-102	Education in India-Status, Problems and Issues	✓	-	-	-
BEDP-103(P)	Language across the curriculum-Part-I	✓	✓	-	✓
BEDP-201	Learning & Teaching	✓	-	-	-
BEDP-202	Curriculum Development & School	✓	-	-	-
BEDP-203 (P)	Reading and Reflecting on Text	✓	-	-	✓
BEDP-301	PC(I) Pedagogy of a school subject-Part I	✓	-	-	✓
BEDP-302	PC(II) Pedagogy of a school subject-Part II : Subject	✓	-	-	✓
BEDP-303 (P)	Language across the curriculum-Part-II	✓	-	-	✓
BEDP-401	Creating an inclusive school	✓	-	-	✓
BEDP-402	Guidance and counseling in School	✓	-	-	✓
BEDP-403	EPC3 : Understanding the self	✓	-	-	✓
BEDP-404	EPC4 : Understanding of ICT	✓	-	-	✓
BEDP-501 (P)	School Internship	✓	-	-	✓
BEDP-601	Gender, School and Society	✓	-	-	-
BEDP-602	Educational Technology & ICT	✓	-	-	✓
BEDP-603 (P)	Drama & Art In education	✓	-	-	✓
BEDP-604 (P)	Pedagogy of a School Subject -Part -II	✓	-	-	✓
BEDP-605 (P)	Educational Psychology Practical	✓	-	-	✓
M.Ed					
MED-101	Philosophical Perspectives of Education	✓	-	-	-
MED-102	Educational Research-I	✓	✓	-	-
MED-103(P)	Information and Communication Technology	✓	✓	-	-
MED-104	First advance level course-I	✓	-	-	BC
MED-105 (P)	Critical Reading of Literature	✓	-	-	✓
MED-201	Psychological Perspectives Education	✓	-	-	-
MED-202	Research Data Analysis and Interpretation-I	✓	-	-	-
MED-203	Educational Administration-II	✓	-	-	-
MED-204 (P)	Dissertation Proposal	✓	-	-	✓
MED-301	Sociological Perspectives of Education	✓	-	-	✓
MED-302	Educational Research-II	✓	-	-	-
MED-303	First advance level course-I	✓	-	-	-
MED-304 (P)	Field Engagement	-	-	-	-
MED-401	Contemporary and Future Perspectives of Education	✓	-	-	-
MED-402	Research Data Analysis and Interpretation-II	-	-	-	✓
MED-403	Second Advance Level Course- II	✓	-	-	✓
MED-404 (P)	Dissertation	-	-	-	✓



ORIENTAL UNIVERSITY, INDORE

Gate No.1, Sanwer Rd, opposite Revati Range, Jakhya, Indore, Madhya Pradesh
453555

1.1.2 List of courses with focus on competency/employability/skill development offered either by the University or in collaboration with partner institution /industries during the last five years

Department of Electrical and Electronics Engineering					
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development
BTEX-301	MATHEMATICS– III				
BTEX-302	Electromagnetic Theory	✓	-	-	-
BTEX-303	Electrical Instrumentation	✓	✓	-	✓
BTEX-304	Electronics Devices And Circuit	✓	✓	-	✓
BTEX-305	Network Analysis System	✓	-	-	✓
BTEX-401	Electrical and Electronics Material	✓	✓	-	✓
BTEX-402	Electrical and Electronics Material	✓	-	-	-
BTEX-403	Digital Electronics Logic Design –I	✓	-	-	-
BTEX-404	Electrical Machine I	✓	-	-	✓
BTEX-405	Electronic Devices and Circuits	✓	-	✓	✓
BTEX-501	Utilization of Electreical Energy	✓	-	-	✓
BTEX-502	Microprocessors and Microcontrollers	✓	-	✓	✓
BTEX-503	ELECTRICAL MACHINE-II	✓	✓	-	✓
BTEX-504	Power Electronics Devices & Circuits	✓	-	-	✓
BTEX-505	PowerSystem–I	✓	-	-	✓
BTEX-601	Communication Engineering	✓	-	-	✓
BTEX-602	Control System	✓	-	-	✓
BTEX-603	Switchgear and Protection	✓	-	-	✓
BTEX-604	Electronics Instrumentation	✓	-	-	✓
BTEX-605	Energy Conservation& Management	✓	-	-	-
BTEX-701	Power System	✓	✓	-	✓

BTEX-702	Electrical Drives	✓	-	-	✓
BTEX-703	Digital Signal Processing	✓	-	-	✓
BTEX-7102	EHVAC/DC Transmission	✓	✓	-	✓
BTEX-7201	High Voltage Engineering	✓	-	-	✓
BTEX-704	Major Project	✓	✓	-	✓
BTEX -705	INDUSTRIAL TRAINING	✓	-	-	✓
BTEX-801	Computer-Aided Design of Electrical Machines	✓	✓	✓	✓
BTEX-802	Computer Application to the power system	✓	-	-	✓
BTEX- 8303	Flexible AC Transmission System	-	-	-	✓
BTEX-8401	Power System Economics	✓	-	-	✓
BTEX-803	Major Project	-	-	-	✓
BTEX -804	MODELLING & SIMULATION LAB	✓	✓	-	✓
M.Tech (MTVD)					
MTVD-101	Computational Techniques in digital system design	✓	-	-	✓
MTVD-102	VLSI Technology	✓	✓	-	✓
MTVD-103	Analysis & Design of IC	✓	✓	-	-
MTVD-104	Advanced DS Design	✓	✓	-	-
MTVD-105	Design of Semiconductor Memories	✓	✓	-	✓
MTVD-106	VLSI Lab	-	-	-	✓
MTVD-107	Seminar	-	✓	-	✓
MTVD-201	Embedded Systems	✓	✓	-	✓
MTVD- 202	CAD of Digital System	✓	-	-	✓
MTVD-203	VLSI Signal Processing	✓	✓	✓	✓
MTVD-204	VLSI Physical Design Automation	✓	✓	-	✓
MTVD-2051/MTVD-2052	Elective – II	✓	✓	-	✓
MTVD-206	CAD Lab	✓	✓	✓	✓
MTVD-207	Seminar	-	✓	-	✓
MTVD-301	Testing Of VLSI Circuits	-	✓	-	✓
MTVD-302	Elective III	✓	✓	-	✓
MTVD- 303	Seminar	✓	✓	-	✓
MTVD-3010(A)	Dissertation Part- I(Literature Review, Problem Formulation/ Synopsis	✓	✓	✓	✓
MTVD -3010(B)	Dissertation Part- II	✓	✓	✓	-
M.Tech(MTEPS)					



FACULTY OF LAW

ORIENTAL UNIVERSITY, INDORE

Gate No. 1, Sanwer Rd, opposite Revati Range, Jakhiya, Indore, M.P. 453555

1.1.2 list of courses with focus on employability/entrepreneurship/skill development

Course Code	Course	Employability	Entrepreneurship	Skills Development	Reasoning/Explanation
BALLB-101	Environmental Studies	√	-	-	They can work for NGT and companies advocates
BALLB-102	Political Science-I	√	-	√	Enhancing knowledge about functioning of the legal machinery
BALLB-103	History-I	√	-	√	Students will understand historical perspective of the legislations
BALLB-104	Economics-I	√	√	√	Application of economic concepts within the field of law
BALLB-105	Law of Torts	-	-	√	To adjudge civil compensation.
BALLB-106	Law of Contract with Specific Relief- I	√	√	√	Helps in developing drafting and negotiating skills
BALLB-201	English	-	-	-	It helps in better understanding of LAW
BALLB-202	Political Science-II	√	-	√	Enhancing knowledge about functioning of the legal machinery
BALLB-203	History-II	-	-	-	Student will give historical perspective of the

					legislations
BALLB-204	Economics-II	√	√	√	Students will know better application of economic concepts within the field of law
BALLB-205	Law of Contract-II	√	√	-	It helps in developing drafting and negotiating skills of contracting parties.
BALLB-206	Constitutional Law-I	√	-	-	It will provide a base for students in understanding other laws
BALLB-301	Political Science- III	√	√	√	Enhancing knowledge about functioning of the legal machinery
BALLB-302	Legal Language/Legal Writing Including General English	-	-	√	To have better understanding of legal lexicon
BALLB-303	Economics III	√	√	√	Students will know better application of economic concepts within the field of law
BALLB-304	Family Law I (Hindu Law)	√	-	-	It provides a backdrop for "Hindus" to exist in society
BALLB-305	Human Rights Law & Practice	√	-	-	To work for NHRC
BALLB-306	Constitutional Law - II	√	-	-	It will provide a base for students in understanding other laws
BALLB-401	Political Science IV	√	-	-	Enhancing knowledge about functioning of the legal machinery
BALLB-402	Hindi-I	-	-	-	Better understanding of the language also

					will help in better arguing in district courts
BALLB-403	History–III	-	-	√	Student will have historical perspective of the legislations
BALLB-404	Administrative Law	-	-	-	Provides knowledge of Delegated legislations
BALLB-405	Family Law II (Muslim Law)	√	-	-	It provides a backdrop for “Muslim” to exist in society
BALLB-406	Offence Against Child & Juvenile	√	-	-	It gives better understanding of child offences and child rights and helps in grooming students to be part of NGO
BALLB-501	Political Science V	√	-	-	Enhancing knowledge about functioning of the legal machinery
BALLB-502	Hindi – II(Optional)	-	-	-	Better understanding of the language also will help in better arguing in district courts
BALLB-503	Environmental Law	√	-	-	They can work for NGT and companies advocates
BALLB-504	Labour& Industrial Law	√	-	-	To work for organizations that help in setting up of industries also resolve labour disputes.
BALLB-505	Law of Crimes-I	√	√	-	Understanding the degree of crimes in the punishment of the same.
BALLB-506	Jurisprudence (Legal	-	-	-	To understand the

	Method, Indian Legal				evolution of Law
BALLB-601	Political Science-V	√	-	-	Enhancing knowledge about functioning of the legal machinery
BALLB-602	Hindi Language -III	-	-	-	Better understanding of the language also will help in better arguing in district courts
BALLB-603	Intellectual Property Law	-	√	√	It allows students an opportunity to undertake commercial benefits from creative efforts and reputation
BALLB-604	Gender Justice & Feminist Jurisprudence	-	-	-	Students will know about the distinctions and discriminations made against the female gender.
BALLB-605	Law Of Crimes -II	√	√	-	Students will learn application of criminal legal process
BALLB-606	Interpretation Of Statutes And Principles Of Legislation	-	-	-	It gives a good understanding of legislations which will help in making policies future.
BALLB-701	Transfer of Property law	√	√	√	Student will be knowing the application of Land laws and legal methods to transfer or undertake property.
BALLB-702	Company law	√	√	-	To have better understanding of functioning of

					company's acquisition, merger, demerger and liquidation
BALLB-703	Land law includes, tenure and tenancy system	√	-	-	Students will understand the revenue and wealth which can be generated with the application of Land laws.
BALLB-704	Banking law	√	-	√	Students shall undertake learning the function performed by banks, RBI, SEBI, NABARD.
BALLB-705	Legal & Professional Ethics(80+20)	-	-	-	Lawyers having a code of conducts with their clients, with the court and with the bar.
BALLB-801	Law Of Evidence	-	-	-	Students will learn application of criminal legal process
BALLB-802	Health Law	-	-	√	Student shall understand the malpractices performed by medical practitioners and the amount of compensations which can be levied under them.
BALLB-803	Penology And Victimology	-	-	√	Students will learn application of criminal legal process.
BALLB-804	Law On Corporate Finance	√	-	-	To have better understanding of functioning of company's acquisition and

					finance.
BALLB-805	Alternate Dispute Resolution	√	-	-	Students will have complete understanding of settling contractual disputes outside the court and in a swift manner
BALLB-901	Principle of taxation law	√	√	√	Students will learn tax laws and other sources of income and exemptions.
BALLB-902	Local self government including panchayat administration	-	-	-	To have better knowledge of government at Grass root level.
BALLB-903	Media and law	-	-	-	To understand the law related to media and journalism.
BALLB-904	Insurance Law	√	-	-	To study the Insurance sector and rules related to policy and claim.
BALLB-905	Moot court exercise and internship (practical)	-	-	-	Students have better understanding of court trial and documentation.
BALLB-1001	Civil Procedure and Limitation act	√	-	-	Students shall understand application of civil laws and the formal process of arguing before an honorable court
BALLB-1002	Probation and Parole	√	-	-	Students will learn application of criminal legal process.
BALLB-1003	Women and Criminal law	√	-	-	Students will know about the distinctions and discriminations made against the

					female gender
BALLB-1004	Information Technology Law	√	√	√	To know about various IT related laws
BALLB-1005	Drafting, Pleading and Conveyance(Practical	√	-	√	To understand the writing skills and pleading.
LLB-101	Indian Constitutional Law – I	√	-	-	It will provide a base for students in understanding other laws
LLB-102	Law of Contact – I & Specific Relief Act	√	-	√	Helps in developing drafting and negotiating skills
LLB-103	Family Law – I (Hindu Law)	√	-	√	It provides a backdrop for “Hindus” to exist in society
LLB-104	Labour and Industrial Laws	√	-	√	To work for organizations that help in setting up of industries also resolve labour disputes.
LLB-105	Law of Torts (Motor Vehicle Act and Consumer Protection Act	-	-	√	To adjudge civil compensation
LLB-106	(B) Law on Education	-	-	√	To know about various laws related to education.
LLB- 201	Indian Constitution Law – II	√	-	√	It will provide a base for students in understanding other laws
LLB- 202	Law of Contract – II	√	-	√	Helps in developing drafting and negotiating skills
LLB- 203	Law of Crimes - I	√	-	-	Understanding the degree of crimes in the punishment of the same.
LLB- 204	Family Law – II (Muslim Law)	√	-	-	It provides a backdrop for “Muslim” to exist in society

LLB- 205	Jurisprudence	-	-	-	It provides knowledge about legal theories and principles.
LLB- 206(B)	Women and Law	-	-	-	Students will know about the distinctions and discriminations made against the female gender
LLB- 301	Administrative Law	-	-	-	Application of constitutional at administrative level via delegated legislation
LLB- 302	Law of Equity Trust and Fiduciary Relation	√	-	√	To have better understanding of functioning of company's acquisition, merger, demerger and liquidation.
LLB- 303	Offence against Child and Juvenile Offence	-	-	-	To understand the child laws and juveniles
LLB- 304	Environmental Law	√	-	-	They can work for NGT and companies advocates
LLB- 305	P.I.L., Legal Aid and Para Legal Services(theory)	√	-	√	Students shall understand arguing on behalf of large number of people going through similar issue.
LLB- 306(A)	A. Gender Justice	√	√	√	Students will know about the distinctions and discriminations made against the female gender.
LLB-401	Transfer Of Property Act	√	-	√	Student will be knowing the application of Land laws and legal methods to transfer

					or undertake property.
LLB-402	Company Law	√	√	√	To have better understanding of functioning of company's acquisition, merger, demerger and liquidation.
LLB-403	Arbitration Conciliation And A.D.R. System	√	-	√	Students will have complete understanding of settling contractual disputes outside the court and in a swift manner.
LLB-404	Public International Law And Human Rights	√	-	-	To know about the International laws and human rights.
LLB-405	Legal And Professional Ethics(Theory)	-	-	√	Lawyers having a code of conducts with their clients, with the court and with the bar.
LLB-406(A)	Socio Economic Offence	-	-	-	Students will understand crimes like adulteration, economic fraud etc.
LLB-501	Criminal Procedure Code	√	-	-	Students will learn application of criminal legal process
LLB-502	Law of Evidence	√	-	-	Students will learn application of criminal legal process
LLB503	Interpretation of Statutes	√	-	√	Students will know to clear understanding of different statutes
LLB-504	Criminology and Penology	√	-	-	Students will learn application of criminal legal process.
LLB-505	Drafting and Pleading	√	-	√	Students will

	(Practical Paper)				enhance their drafting and research skills which will ultimately help in developing better orating and written skills.
LLB-506(A)	Health Law	-	-	-	Student shall understand the malpractices performed by medical practitioners and the amount of compensations which can be levied under them.
LLB-601	Law Relating to Civil Procedure Code and Limitation Act	√	-	√	Students shall understand application of civil laws and the formal process of arguing before an honorable court
LLB-602	Banking Law (Including Negotiable Instrument Act)	√	-	√	Students shall undertake learning the function performed by banks, RBI, SEBI, NABARD.
LLB603	Land Law (M.P L.R.C)	√	√	√	Students will understand the revenue and wealth which can be generated with the application of Land laws.
LLB-604	Intellectual Property Law	√	√	√	It allows students an opportunity to undertake commercial benefits from creative efforts and reputation

LLB-605	Moot Court (Practical Paper)	-	-	√	Students will enhance their drafting and research skills which will ultimately help in developing better orating and written skills.
LLB-606(A)	Probation & Parole	-	-	-	Students will learn application of criminal legal process.
LLM 101	RESEARCH METHODOLOGY AND WRITING SKILLS	√	-	√	It will help students with developing drafting petition and applying actual law on various social issues.
LLM 102	COMPARATIVE PUBLIC LAW	√	-	-	Comparison of Public laws at various stages of governance.
LLM 103	LAW AND JUSTICE IN A GLOBALIZING WORLD	-	-	√	It will enable students to understand application of law pertaining to human rights across the world. Student can prefer joining UNHR.
LLMCRI 104	CRIMINOLOGY AND CRIMINAL JUSTICE ADMINISTRATION	√	-	-	Understands the nature and and significance of criminology and Criminal Justice Administration
LLMCRI 105	VICTIMOLOGY	√	-	-	Students will get to know various dimensions of the various aspects of the Victimology including various impact of

					victimization which will help students in the field of criminal law.
LLMCRI 201	CRIMINAL JUSTICE AND HR	√	-	-	Understanding conventions related to human rights which will help student in the field of administration of Criminal justice.
LLMCRI 202	POLICE LAW AND ADMINISTRATION	-	-	-	The student will learn about preparation, interpretation, relation and conclusion needed for appropriate levels of change within the police organization, culture, and environment which will be fruitful to get in administrative branch.
LLMCRI 203	CORPORATE CRIMES	-	-	-	Students will get to know about various economic offences in companies and their remedies and its applicability.
LLMCRI 204	INTERNATIONAL CRIMINAL LAW	√	-	√	Students would be aware about various sources of International criminal offences , its jurisdiction and about its courts.
LLMCRI 205	DISSERTATION	-	-	√	Dissertation writing enhances research and planning skills. It brings out new

					ideas and constructive approach for research.
LLM 101	RESEARCH METHODOLOGY AND WRITING SKILLS	√	-	√	It will develop correct research strategies which will critically evaluate the relevance, quality, authority and enhance correct legal writing and referencing skills.
LLM 102	COMPARATIVE PUBLIC LAW	√	-	-	To know about the various comparative laws related to India and USA.
LLM 103	LAW AND JUSTICE IN A GLOBALIZING WORLD	-	-	√	To understand about the laws in globalizing world.
LLMCOR 104	COMPETITION LAWS	√	-	-	This will develop a better understanding of financial market and its rules and regulations governing the same.
LLMCOR 105	CORPORATE LAW	√	√	-	Have an insight of Corporate Governance and its Legal Provisions. This will help students about mergers, amalgamations, and recontraction of companies.
LLMCOR 201	EMPLOYMENT LAWS AND HUMAN RESOURCE MANAGEMENT	√	-	-	Students will have in-depth knowledge of worker's rights, condition of labour

					employment which will help them for making labour legislation in future.
LLMCOR 202	CONTRACTS LAW	√	√	-	Helps in developing drafting and negotiating skills
LLMCOR 203	INTELLECTUAL PROPERTY RIGHTS	√	√	-	It allows students an opportunity to undertake commercial benefits from creative efforts and reputation
LLMCOR 204	CYBER LAW	√	-	√	Students will get to know about the challenges related to cyber security, cyber warfare which they can use to pursue career in IT (law) dept.
LLMCOR 205	DISSERTATION	-	-	√	Dissertation writing enhances research and planning skills. It brings out new ideas and constructive approach for research.
LLM 101	RESEARCH METHODOLOGY AND WRITING SKILLS	√	-	√	To know about research and writing skills.
LLM 102	COMPARATIVE PUBLIC LAW	√	-	-	Understand the concept of public law and its various branches. This will provide information as to how public law differs from private law
LLM 103	LAW AND JUSTICE IN A GLOBALIZING WORLD	-	-	√	Students will understand the models to achieve global justice, Social

					Contract and Social Justice, Sarvodaya Model of Justice
LLMCON 104	CENTER STATE RELATIONS AND CONSTITUTIONAL GOVERNANCE	-	-	-	To provides a better understanding of functioning of public houses. Which will cater students in formulation of public policy and governance.
LLMCON 105	FUNDAMENTAL RIGHTS AND DIRECTIVE PRINCIPLES	√	-	-	To understand the rights and duties in Indian constitution.
LLMCON 201	LOCAL SELF GOVERNMENT AND FEDERAL GOVERNANCE	√	-	-	Students will get to know about the functioning about the panchayat system of governance.
LLMCON 202	ADMINISTRATIVE LAW	-	-	-	Application of constitutional at administrative level via delegated legislation.
LLMCON 203	MEDIA LAW	√	-	-	Students will have knowledge of the evolution of media law(print media/digital media) its censorship and censorship under constitution. This will provide a base for students preferring Journalism.
LLMCON 204	MINORITIES LAW	√	-	-	Minorities Law provides overview about rights and

					protection granted to minorities. Students can work under Ministry of minority's affair.
LLMCON 205	DISSERTATION	-	-	√	Dissertation writing enhances research and planning skills. It brings out new ideas and constructive approach for research.



Faculty of Management

ORIENTAL UNIVERSITY, INDORE

Gate No.1, Sanwer Rd, opposite Revati Range, Jakhya, Indore, Madhya Pradesh
453555

List of Courses with Focus on Employability/ Entrepreneurship/Skill Development

Course Code	Course	Employability	Entrepreneurship	Skill Development
	BBA			
BBA101	Managerial Skills	✓	✓	✓
BBA102	Fundamentals of Management	✓	✓	✓
BBA103	Economics	✓	✓	✓
BBA104	Basic Accounting	✓	✓	✓
BBA-105	Environmental Studies	✓	✓	✓
BBA106	Information Technology	✓	✓	-
BBA-201	Business Communication	✓	✓	✓
BBA-202	Human Resource Management	✓	✓	✓
BBA-203	Economics-II	✓	✓	✓
BBA-204	Financial Management	✓	✓	✓
BBA-205	English	✓	✓	✓
BBA-206	MIS	✓	✓	✓

BBA 301	Marketing Management	✓	✓	✓	-
BBA 302	Organizational Behavior	✓	✓	✓	✓
BBA 303	Business Environment	✓	✓	✓	✓
BBA 304	Business Costing	✓	✓	✓	✓
BBA-305	Operations Management	✓	✓	-	✓
BBA 306	Business and Statistics	✓	✓	✓	✓
BBA 401	Entrepreneurship	✓	✓	✓	✓
BBA 402	Supply Chain Management	✓	✓	✓	-
BBA 403	International Business	✓	✓	✓	✓
BBA 404	Indian Legal System for Business	✓	✓	-	✓
BBA 405	Management Accounting	✓	✓	✓	✓
BBA 406	Operations Research	✓	✓	✓	✓
BBA-501	Customer Relationship Management	✓	✓	✓	✓
BBA-502	Research Methodology	✓	✓	-	✓
BBA-503	Indian Financial System	✓	✓	✓	✓
BBA-504	Project Management	✓	✓	✓	✓
BBA-505F	Banking & Insurance	✓	✓	-	✓
BBA-505M	Advertising & Brand Management	✓	✓	✓	✓
BBA-505H	Human Resource Development	✓	✓	✓	✓
BBA-506F	Working Capital Management	✓	-	✓	✓
BBA-506M	Sales & Distribution Management	✓	✓	-	✓
BBA-506H	Industrial Relations	✓	✓	✓	✓
BBA-601	Total quality management	✓	✓	✓	✓
BBA-602	Retail management	✓	✓	✓	✓
BBA-603	Strategic management	✓	✓	-	✓
BBA-604	Indian ethos& management	✓	✓	✓	✓
BBA-605H	Performance management	✓	✓	✓	✓
BBA-605M	Marketing of services	✓	✓	-	✓
BBA-605F	Merchant banking & financial services	✓	✓	-	✓
BBA-606H	Leadership Skills & Change Mgmt	✓	✓	✓	✓
BBA-606M	Consumer Behaviour	✓	-	✓	✓
BBA-606F	International Finance	✓	✓	-	✓

MBA					
MBA101	Management Principles & Practices	✓	✓	✓	✓
MBA102	Mathematics & Statistics for Managers	✓	-	✓	✓
MBA103	Accounting for Managers	✓	✓	✓	✓
MBA104	IT & E Business Fundamentals	✓	-	✓	✓
MBA105	Business Environment	✓	✓	✓	✓
MBA106	Organizational Behaviour and Process	✓	✓	✓	✓
MBA107	Business Communication	✓	✓	✓	✓
MBA108	Business Legislation	✓	-	✓	✓
MBA-201	Operation Research for Business Decisions	✓	-	✓	✓
MBA-202	Fundamentals of Operations Management	✓	✓	✓	✓
MBA-203	Entrepreneurship	✓	✓	✓	✓
MBA-204	Fundamentals of Financial Management	✓	✓	-	✓
MBA-205	Fundamentals of marketing Management	✓	✓	✓	✓
MBA-206	Fundamentals of Human Resource Management	✓	✓	✓	✓
MBA-207	Business Ethics & Indian Ethos in Management	✓	✓	✓	✓
MBA-208	Business Research Methods	✓	-	-	✓
MBA- 301	Strategic Materials & Supply Chain Management	✓	✓	✓	✓
MBA - 302	Project Management	✓	✓	✓	✓
MBA-303M	Product Policy Management	✓	✓	✓	✓
MBA-304M	Advertising and Brand Management	✓	✓	✓	✓
MBA-305M	Sales and Distribution Management	✓	-	-	✓
MBA-303F	Tax Planning and Management	✓	✓	-	✓
MBA-304F	Financial Systems and Services	✓	✓	✓	✓
MBA-305F	Bank and Insurance Management	✓	-	✓	✓
MBA- 303H	Industrial Relations and Labour Law	✓	✓	✓	
MBA-304H	Human Resource Development & Audit	✓	✓	✓	✓
MBA-305H	Social Psychology	✓	✓	-	✓
MBA-303I	Object Oriented Programming using C++	✓	✓	-	✓
MBA-304I	Management Information System	-	✓	✓	✓

MBA- 305I	Relational Database Management Systems using ORACLE	✓			✓
MBA-303P	Strategic Technology Management	✓	✓	-	-
MBA-304P	Product Innovation and Planning	✓	✓	✓	✓
MBA-305P	Work Study and Productivity	✓	✓	✓	✓
MBA 306	MRP PHASE-1	✓	✓	✓	✓
MBA-401	Corporate Governance & Global Business Environment	✓	✓	✓	✓
MBA 402	Strategic Management	-	✓	✓	✓
MBA-406	MRP –2nd phase	✓	✓	-	✓
MBA-407	Comprehensive Viva-Voce	✓	✓	-	✓
MBA-403M	International Marketing	✓	✓	-	✓
MBA-404M	Service and Retail Marketing	✓	✓	✓	✓
MBA-405M	Consumer Behavior and Rural Marketing	✓	✓	✓	✓
MBA-403F	International strategic Finance	✓	✓	-	-
MBA-404F	Financial Engineering & Risk Management	✓	✓	✓	✓
MBA-405F	Investment Analysis & Portfolio Management	✓	✓	-	✓
MBA-403H	Compensation Management	✓	✓	✓	✓
MBA-404H	Business Process Transformation	✓	✓	✓	✓
MBA-405 H	Organizational Developments	✓	✓	✓	-
MBA- 403I	UNIX and Linux Operating System	✓	✓	-	✓
MBA-404I	Visual Basic Programming	✓	✓	✓	✓
MBA-405I	Computer Networks	✓	✓	✓	✓
MBA-403P	Production Planning and Control	✓	-	✓	✓
MBA- 404P	Total Quality Management	✓	✓	✓	✓
MBA-405P	Business Process Reengineering	✓	✓	✓	✓

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1.1.3 List of courses with focus on competency/employability/skill development offered either by the University or in collaboration with partner institution /industries during the last five years

Department of Mechanical Engineering						
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development	Reasoning/Explanation
B. Tech (Mechanical Engineering)						
BT-101	Engg. Mathematics -I	/				Pre-requisites of higher sem. subjects
BT-102	Engg. Chemistry	/				Pre-requisites of higher sem. subjects
BT-103	English	/	/		/	Used in Placement activities
BT-104	Basic Electricals & Electronics Engg.	/				Application in higher subjects such as Measurement and control
BT-105	Engineering Graphics	/			/	To understand design software
BT-106	Fundamentals of Engineering (Branch Specific) Part -I	/				Built the basic knowledge of engineering
BT-107	Communication (GD / Seminar)	/			/	Used in Placement activities
BT-108	Rural Outreach	/				Develop the knowledge about govt. policies in villages
BT-201	Engg. Mathematics -II	/				Pre-requisites of higher sem. subjects
BT-202	Engg. Physics	/				Pre-requisites of higher sem. subjects
BT-203	Basic Computer Engineering	/				To understand programing software and Placement activities

BT-204	Basic Civil Engineering & Mechanics	/				Application in higher subjects such as SOM
BT-205	Introduction of Mechanical Engineering & Design Engineering	/				Pre-requisites of higher sem. subjects
BT-206	Fundamentals of Engineering (Branch Specific) Part -II	/				Pre-requisites of higher sem. subjects
BT-207	Work Shop Practice	/			/	Develop the knowledge of basic machine tools
BT-208	Environmental Sciences	/				Pre-requisites of higher sem. subjects
BTME-301	Mathematics -II	/				Pre-requisites of higher sem. subjects
BTM E-302	Production Process	/	/		/	Develop the knowledge of different production process, lathe machines and CNC Machines
BTM E-303	Strength & Mechanics of Materials	/			/	Develop the knowledge of structure of buildings and machines
BTME -304	Basic Thermodynamics	/			/	Pre-requisites of higher sem. subjects
BTME -305	Machine drawing	/			/	To understand drawing and design
BTME -306	JAVA Technology	/	/		/	To understand programing software and Placement activities
BTME -307	Self study (Internal Evaluation)	/				For training and placement activities
BTME -308	Seminar / Discussion (Internal Evaluation)	/				For training and placement activities
BT-401	Mathematics III	/				Pre-requisites of higher sem. subjects
BTM E-402	Material Science and Metallurgy	/				Pre-requisites of higher sem. subjects

BTM E-403	Kinematics of Machines	/			/	To understand basic concept of different mechanism
BTME -404	Thermal Engg and gas dynamics	/			/	Used in higher subjects like power plant engg.
BTME -405	Fluid Mechanics	/			/	Study of hydraulic machine and there mechanisms
BTCS -406	DOT NET	/	/			To understand programing software and Placement activities
BTME -407	Self study (Internal Evaluation)	/				For training and placement activities
BTME - 408	Seminar / Group Discussion (Internal Evaluation)	/				For training and placement activities
BTM E-501	Entrepreneurship and Management Concepts	/		/		To develop entrepreneurship knowledge
BTM E-502	Turbo Machinery	/			/	Study of hydraulic machine and there mechanisms
BTM E-503	Mechanical Measurement & Control	/			/	To develop the knowledge about different instruments used in industries
BTME -504	Dynamics of Machines	/			/	To understand basic concept of different mechanism
BTME -505	Machine Design I	/			/	To understand the design and analysis of machine components
BTCS - 506	RDBMS Lab	/	/		/	To understand programing software and Placement activities
BTME -507	Self-study (Internal Evaluation)	/				For training and placement

						activities
BTME - 508	Seminar / Group Discussion (Internal Evaluation)	√				For training and placement activities
BTME-601	Operations Management	√		√		Used in the management of industrial processes
BTM E-602	Power Plant Engineering	√			√	Develop the knowledge of different power generation plants
BTM E-603	Metal Cutting and CNC Machines	√			√	To enhance operation of different manufacturing machines
BTME - 604	IC Engines	√			√	To study and evaluate the performance of different I.C. Engine parts
BTME -605	Heat and Mass Transfer	√			√	Develop the knowledge of different modes of heat transfer
BTCS -606	Computer Aided Engineering	√	√		√	Study of all types of software used in industries
BTME -607	Self study (Internal Evaluation)	√				For training and placement activities
BTME -608	Seminar / Group Discussion (Internal Evaluation)	√				For training and placement activities
BTM E-701	Elective I (Renewable Energy System)	√				Develop the knowledge regarding sustainable energy development
BTM E-702	Elective II (Operation Research)	√				Used in the management of industrial processes
BTME-703	Mechanical Vibration	√			√	Develop Knowledge to reduce vibration from different machines
BTME - 704	Automobile Engineering	√				Develop Knowledge of

						automobiles
BTME-705	Machine Design II	√			√	To understand the design and analysis of machine components
BTME-706	Minor Project and Seminar	√	√		√	Develop the innovation and experimental skills of students
BTME-707	Industrial Training	√	√	√		Develop the practical knowledge of different mechanical industries
BTM E-801	Elective III (Reliability and Maintenance Engg.)	√	√			Understand basic concepts of maintenance and reliability models
BTM E-802	Refrigeration & Air Conditioning	√			√	Develop the knowledge of RAC industries
BTM E-803	Machine Design III	√			√	To understand the design and analysis of machine components
BTME-804	Computer Integrated Manufacturing	√				Study of types of software used in CNC industries
BTME-805	Major Project	√	√		√	Develop the innovation and experimental skills of students
BTME-806	Seminar / Group Discussion (Internal Evaluation)	√				For training and placement activities
BTM E-807	Employability Skills	√	√		√	Enhance skills for training and placement

M. Tech (Thermal Engineering)

MTTE 101	Advanced Mathematics	√				Pre-requisites of higher sem. subjects
MTTE 102	Advanced Thermodynamics	√				Develop the advance knowledge of thermodynamics

						and Pre-requisites of higher sem. subjects
MTTE 103	Heat & Mass Transfer	√				Develop the advance knowledge of different modes of heat transfer
MTTE 104	Gas Dynamics and flow through Turbo-machine	√				Develop the advance knowledge of Turbo-machines
MTTE 111-114	Elective –I	√	√			Develop the advance knowledge of thermal engineering
MTTE 106	Thermal Engg Lab - I	√			√	Develop the advance knowledge of thermal engineering
MTTE 107	Seminar - I	√			√	For training and placement activities
MTTE 201	Instrumentation & Control	√	√			To develop the advance knowledge about different instruments used in industries
MTTE 202	Thermal Power Plant Engg.	√			√	Develop the advance knowledge of different power generation plants
MTTE 203	Theory and Design of Heat Exchangers	√				Develop the skills to design a heat exchanger
MTTE 204	Design of Power Generation Systems	√				Develop the skills to design power generation systems
MTTE 211-214	Elective -II	√				Develop the advance knowledge of thermal engineering
MTTE 206	Thermal Engg Lab - II	√			√	Develop the advance knowledge of thermal

						engineering
MTTE 207	Seminar - II	√			√	For training and placement activities
MTTE 301	Thermal Environmental Engg	√				Develop the knowledge regarding sustainable energy development
MTTE 311-314	Elective III	√				Develop the advance knowledge of thermal engineering
MTTE 303	Seminar	√			√	For training and placement activities
MTTE 304	Dissertation Part- I	√		√		Develop the innovation and experimental skills of students
MTTE 401	Dissertation Part- II	√		√		Develop the innovation and experimental skills of students

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Department of Pharmacy						
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development	Justification
	B.Pharm					
BP 101T	Human anatomy and physiology i-theory	✓	-	-	-	-
BP102T	Pharmaceutical Analysis I – Theory	✓	✓	-	✓	It deals with analytical method development
BP103T	Pharmaceutics I-Theory	✓	✓	-	✓	Understand the basics of different dosage forms, pharmaceutical incompatibilities and pharmaceutical calculations
BP104T	Pharmaceutical Inorganic Chemistry – Theory	✓	-	-	✓	
BP105T	Communication skills – Theory	✓	✓	-	✓	It focus command on language and Develop interview skills
BP 106RBT	Remedial biology - theory	✓	-	-	-	
BP 106RMT	Remedial mathematics - Theory	✓	-	-	-	
BP107 P	Human anatomy and physiology - practical	✓	-	-	✓	
BP108P	Pharmaceutical analysis -practical	✓	-	✓	✓	
BP109P	Pharmaceutics i - practical	✓	-	-	✓	
BP110P	Pharmaceutical inorganic	✓	-	✓	✓	

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BP402T	Medicinal Chemistry I – Theory	✓	-	-	✓	
BP403T	Physical Pharmaceutics II – Theory	✓	✓	-	✓	Physicochemical properties of drug molecules in the designing the dosage forms. Know the principles of chemical kinetics & to use them for stability testing & determination of expiry date of formulations
BP404T	Pharmacology I – Theory	✓	✓	-	-	Appreciate correlation of pharmacology with other bio medical sciences
BP405T	Pharmacognosy and Phytochemistry I – Theory	✓	✓	-	-	To know the crude drugs, their uses and chemical nature evaluation techniques
BP406P	Medicinal Chemistry I – Practical	✓	✓	-	✓	To know about drug structure and their synthesis as well
BP407P	Physical Pharmaceutics II – Practical	-	-	-	✓	
BP408P	Pharmacology I – Practical	-	✓	-	✓	To Observe the effect of drugs on animals by simulated experiments
BP409P	Pharmacognosy and Phytochemistry I – Practical	✓	✓	-	✓	to carry out the microscopic and morphological evaluation of crude
BP501T	Medicinal Chemistry II – Theory	✓	-	-	✓	
BP502T	Industrial Pharmacy I – Theory	✓	✓	✓	✓	To Know the various pharmaceutical dosage forms and their manufacturing techniques.
BP503T	Pharmacology II – Theory	✓	✓	-	✓	Understand the mechanism of drug action and its relevance in the treatment of different diseases

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BP504T	Pharmacognosy and Phytochemistry II – Theory	✓	✓	-	✓	to know the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents
BP505T	Pharmaceutical Jurisprudence – Theory	✓	✓	✓	✓	To understand Indian pharmaceutical Acts and The code of ethics during the pharmaceutical practice
BP506P	Industrial Pharmacy – Practical	-	✓	-	✓	To Formulate solid, liquid and semisolid dosage forms and evaluate them for their quality
BP507P	Pharmacology II – Practical	-	✓	-	✓	To Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments 3. Demonstrate the variou
BP508P	Pharmacognosy and Phytochemistry II – Practical	✓	✓	-	✓	To carryout isolation and identification of phytoconstituents
BP601T	Medicinal Chemistry III – Theory	✓	✓	-	✓	To know the importance of drug design and different techniques of drug design.
BP602T	Pharmacology III – Theory	✓	✓	✓	✓	To understand the mechanism of drug action and its relevance in the treatment of different infectious diseases
BP603T	Herbal Drug Technology – Theory	✓	✓	✓	-	To understand raw material as source of herbal drugs from cultivation to herbal drug product & WHO and ICH guidelines for evaluation of herbal drugs
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	✓	✓	-	✓	To Understand various pharmacokinetic parameters, their significance & applications
BP605T	Pharmaceutical Biotechnology – Theory	✓	✓	-	✓	Understanding the importance of Immobilized enzymes in Pharmaceutical Industr

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BP606T	Quality Assurance – Theory	✓	✓	✓	✓	understand the cGMP aspects in a pharmaceutical industries and also know the responsibilities of QA & QC departments
BP607P	Medicinal chemistry III – Practical	✓	✓	-	✓	
BP608P	Pharmacology III – Practical	✓	✓	-	✓	
BP609P	Herbal Drug Technology – Practical	✓	✓	✓	✓	
BP701T	Instrumental Methods of Analysis – Theory	✓	✓	✓	✓	To Perform quantitative & qualitative analysis of drugs using various analytical instruments.
BP702T	Industrial PharmacyII – Theory	✓	✓	✓	✓	To Know different Laws and Acts that regulate pharmaceutical industry & Understand the approval process and regulatory requirements for drug products
BP703T	Pharmacy Practice – Theory	✓	✓	-	✓	To know various drug distribution methods in a hospital
BP704T	Novel Drug Delivery System – Theory	✓	✓	✓	✓	To understand the criteria for selection of drugs and polymers for the development of Novel drug delivery systems, their formulation and evaluation
BP705P	Instrumental Methods of Analysis – Practical	✓	✓	✓	✓	To know pharmaceutical care services
BP706PS	Practice School	✓	-	-	✓	To know pharmaceutical care services
BP801T	Biostatistics and Research Methodology	✓	✓	-	✓	To various statistical techniques to solve statistical problems & Appreciate statistical techniques
BP802T	Social and Preventive Pharmacy	✓	✓	✓	✓	To Evaluate alternative ways of solving problems related to health and pharmaceutical issues
BP803ET	Pharma Marketing Management	✓	✓	✓	✓	To understanding of marketing concepts and techniques and their applications in the pharmaceutical industry
BP804ET	Pharmaceutical Science	✓	✓	✓	✓	To know about the process of drug discovery and development

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BP805ET	Pharmacovigilance	✓	✓	✓	✓	To completion of this paper it is expected that students will be able to (know, do, and appreciate)
BP806ET	Quality Control and Standardization of Herbals	✓	✓	-	✓	To know the regulatory approval process and their registration in Indian and international markets
BP807ET	Computer Aided Drug Design	✓	-	✓	✓	
BP808ET	Cell and Molecular Biology	✓	✓	-	✓	To Summarize the DNA properties of cell biology & Describe the chemical foundations of cell biology.
BP809ET	Cosmetic Science	✓	✓	✓	✓	
BP810ET	Experimental Pharmacology	✓	✓	✓	✓	To demonstrate the importance of biostatistics and research methodology
BP811ET	Advanced Instrumentation Techniques	✓	✓	✓	✓	To know analysis of drugs using various analytical instruments.
BP812ET	Dietary Supplements and Nutraceuticals	✓	✓	✓	✓	To provide an understanding of the concepts behind the theoretical applications of dietary supplements
BP813PW	Project Work	✓	✓	✓	✓	


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ORIENTAL UNIVERSITY, INDORE

Department of Science

Gate No.1, Sanwer Rd, Opposite Revati Range, Jakhya, Indore, Madhya Pradesh, 453555

Courses Focusing on Employability, Entrepreneurship and Skill Development

Department of Science					
Course Code	Course	Competency	Employability	Entrepreneurship	Skill Development
	B.Sc.(Cs)				
BSCSIT-101-T	Computer Science	✓	✓		
BSCSIT-101-P	Computer Science	✓	✓		✓
BSCS-102-T	Physics	✓	✓		
BSCS-102-P	Physics	✓	✓		
BSIT-102-T	Electronics	✓			✓
BSIT-102-P	Electronics				
BSCSIT-103-T	Mathematics				
BSCSIT-104-T	Moral Values Languages	✓			
BSCSIT-105-T	Entrepreneurship	✓	✓		✓
BSCSIT-201 T	Computer Science Programming and Problem Solving Through C Language	✓	✓		✓
BSCSIT-201 P	Computer Science: Programming and Problem Solving Through C Language	✓	✓		
BSCS-202-T	Physics	✓	✓		
BSCS-202-P	Physics				
BSIT-202-T	Electronics				
BSIT-202-P	Electronics	✓			
BSCSIT-203T	Mathematics: Calculus, Differential Equation, Geometry	✓	✓		✓
BSCSIT-204 T	Moral Values Languages-Ii	✓	✓		
BSCSIT-205	Personality Development	✓	✓		
BSCSIT-301 T	Computer Science: Data Structure Using C	✓	✓		✓
BSCSIT-301 P	Computer Science	✓	✓		✓
BSCS-302-T	Physics	✓			
BSCS-302-P	Physics	✓	✓		
BSIT-302-T	Electronics	✓	✓		
BSIT-302-P	Electronics	✓			✓
BSCSIT-303T	Mathematics	✓	✓		✓
BSCSIT-304 T	Moral Values Languages-III	✓	✓		✓
BSCSIT-305	Communicative English	✓	✓		
BSCS-306	Computer Science-II: Operating System Using Linux	✓			✓

BSIT-306	Information Technology – II: Internet & Web Technology	✓	✓	✓	✓
BSCSIT-401 T	Computer Science: Data Base Management System	✓	✓		✓
BSCSIT-401 P	Computer Science: Data Base Management System	✓	✓		✓
BSCS-302-T	Physics	-			
BSCS-302-P	Physics	✓			
BSIT-302-T	Electronics	-			
BSIT-302-P	Electronics	✓			
BSCSIT-403T	Mathematics: Abstract Algebra, Advanced Calculus, Partial Differential Equations Complex Analysis	✓			
BSCSIT-404 T	Moral Values Languages-IV	✓			
BSCSIT-405	Php Programming-II	✓			
BSCS-406	Computer Science-II: System Programming	✓			
BSIT-406	Information Technology –II: System Programming	✓			
BSCSIT-501 T	Computer Science: Object Oriented Programming Using C++ Object Oriented Programming Using C++	-			
BSCSIT-501 P	Computer Science: Object Oriented Programming Using C++	-			
BSCS-302-T	Physics	✓			
BSCS-302-P	Physics	✓			
BSIT-302-T	Electronics	✓			
BSIT-302-P	Electronics	✓			
BSCSIT-503T	Mathematics: Linear Algebra and Numerical Analysis	✓			
BSCSIT-504 T	Moral Values and Languages- V	-			
BSCSIT-505	Communicative English	-			
BSCS-506	Computer Science-II: Computer Graphics	✓			
BSIT-506	Information Technology II: Computer Graphics	✓			
BSCSIT-601 T	Computer Science: Computer Network	✓			
BSCSIT-601 P	Computer Science: Computer Network	✓			
BSCS-302-T	Physics	✓			
BSCS-302-P	Physics	✓			
BSIT-302-T	Electronics	✓			
BSIT-302-P	Electronics	✓			

BSCSIT-603T	Mathematics: Real Analysis, Discrete Mathematics	✓			
BSCSIT-604 T	Moral Values and Languages- VI	✓			
BSCSIT-605	Entrepreneurship	✓			
BSCS-606	Computer Science-II: Visual Basic. Net	✓			
BSIT-606	Information Technology II: Computer Graphics	✓			
MMT-101	Advanced Abstract Algebra-I	✓			
MMT-102	Real Analysis-I	✓			
MMT-103	Topology-I	✓			
MMT-104	Complex Analysis-I	✓			
MMT-105	Advanced Discrete Mathematics-I	✓			
MMT-201	Advanced Abstract Algebra-II	✓			
MMT-202	Real Analysis-II	✓			
MMT-203	Topology-II	✓			
MMT-204	Complex Analysis-II	✓			
MMT-205	Advanced Discrete Mathematics-II	✓			
MMT-301	Functional Analysis-I	✓			
MMT-302	Fuzzy Set and Their Application-I	✓			
MMT-303	Operation Research-I	✓	✓	✓	✓
MMT-304	Integral Transform-I	✓			
MMT-305	Advanced Special Function-I	✓			
MMT-401	Functional Analysis-I	✓			
MMT-402	Fuzzy Set and Their Application-II	✓			
MMT-403	Operation Research-II	✓	✓	✓	✓
MMT-404	Integral Transform-II	✓			
MMT-405	Advanced Special Function-II	✓			
MPY-101	Classical Mechanics	✓			
MPY-102	Mathematical Physics	✓			
MPY-103	Quantum Mechanics-I	✓			
MPY-104	Electronics	✓			
MPY-105	Laboratory Course-I	✓			

MPY-106	Programming In C++	✓			
MPY-201	Statistical Mechanics	✓			
MPY-202	Solid State Physics	✓			
MPY-203	Electrodynamics	✓			
MPY-204	Atomic And Molecular Physics	✓			
MPY-205	Laboratory Course-II	✓			
MPY-206	Programming In C++	✓			
MPY-301	Vacuum Science &Thin Film Technology	✓			
MPY-302	Quantum Mechanics-II	✓			
MPY-303	Solid State Physics-II	✓			✓
MPY-304	Nuclear Physics	✓	✓	✓	✓
MPY-305	Laboratory Course-Iii (Material Science)	✓			
MPY-401	Digital Electronic	✓			
MPY-402	Nano Materials	✓	✓	✓	✓
MPY-403	Dielectric Optical	✓			
MPY-404	Laboratory Course-III	✓			
MPY-405	Research Project	✓			✓
MCH-401	Inorganic Chemistry	✓			✓
MCH-402	Organic Chemistry	✓			✓
MCH-403	Physical Chemistry	✓			✓
MCH-404	Group Theory and Spectroscopy-I	✓			✓
MCH-405	Mathematics For Chemists/Biology for Chemists	✓	✓		
MCH-406	Inorganic Chemistry	✓			
MCH-407	Organic Chemistry	✓			
MCH-408	Physical Chemistry	✓			
MCH-409	Spectroscopy And Diffraction Methods	✓	✓		✓
MCH-410	Computer For Chemists	✓	✓		✓
MCH-501	Application Of Spectroscopy-I	✓	✓		✓

MCH-502	Photo Chemistry	✓			✓
MCH-503	Environmental Chemistry	✓	✓		✓
MCH-505	Chemistry For Materials	✓	✓	✓	✓
MCH-508	Polymer	✓	✓	✓	✓
MCH-512	Solid State Chemistry	✓	✓		✓
MCH-513	Bio Chemistry	✓	✓		
MCH-514	Application Of Spectroscopy-II	✓	✓		
MCH-515	Organic Synthesis	✓	✓		
MCH-516	Chemistry Of Natural Products	✓	✓		✓