

Mapping of courses to employability/ entrepreneurship/ skill development

2016-17

Course Code	Course	Employability	Entrepreneurship	Development
BT 101	Engineering Physics-I	√	√	√
BT 102	Introduction to Computers Fundamental and IT*			√
BT 103	Applied Mathematics-I	√	√	√
BT 104	Introduction to Electrical & Electronic Engineering	√	√	√
BT 105	English & Communication Skills	√	√	√
BT 106	Engineering Chemistry	√		√
BT 107	Electrical & Electronics Lab-I	√		√
BT 108	Engineering Physics Lab-I	√		√
BT 110	Engineering Chemistry Lab	√	√	√
BT 201	Engineering Physics-II	√	√	√
BT 202	Introduction to computer Programming *	√		√
BT 203	Engineering Mechanics*	√	√	√
BT 204	Digital Electronics			√
BT 205	Applied Mathematics-II	√	√	√
BT 206	Environmental Sciences			√
BT 207	Electrical & Electronic Lab-II	√	√	√
BT 208	Engineering Physics Lab-II	√		√
BT 209	Computer Programming Lab*	√	√	√
BTCS 302	Core PHP	√	√	√
BTCS 303	Electronic Devices and Circuits	√		√
BTCS 304	Object Oriented Programming	√		√
BTCS 305	Data Structure & Algorithms	√		√
BTCS 306	Linux and Shell Programming	√	√	√
BTCS 308	Data Structure & Algorithms Lab	√		√
BTCS 309	Object Oriented Programming Lab	√		√
BTCS 310	Core PHP Lab	√	√	√
BTCS 311	Unix Shell Programming Lab	√	√	√
BTCS 401	Micro Processors And Interfaces	√		√
BTCS 402	Discrete Mathematical Structures	√		
BTCS 404	Software Engineering	√		
BTCS 405	Principles of Communication	√		
BTCS 406	Principles of Programming Languages	√		
BTCS 407	Micro Processor Lab	√		
BTCS 408	Communication Lab	√		
BTCS 409	Computer Aided Software	√		
BTCS 410	Business Entrepreneurship Development		√	
BTCS 501	Computer Architecture	√		
BTCS 502	Digital Logic Design	√		
BTCS 503	Telecommunication Fundamentals	√		
BTCS 504	Database Management Systems	√		
BTCS 505	Operating Systems	√		√
BTCS 506A	Advanced Data Structure	√		√
BTCS 507	Database Management Systems Lab	√		√
BTCS 508	System Design in UML Lab.	√		√
BTCS 509	Operating Systems Simulation Lab	√		√



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BTCS 510	Digital Hardware Design Lab	√		√
BTCS512	Seminar	√		√
BTCS 601	Computer Networks	√		
BTCS 602	Design & Analysis of Algorithms	√		
BTCS 603	Theory Of Computation	√		
BTCS 604	Computer Graphics & Multimedia Techniques	√		
BTCS 605	Embedded System Design	√		√
BTCS 606A	Advance Topics in Operating Systems	√	√	√
BTCS 606B	Artificial Intelligence	√		
BTCS 606C	Human Computer Interface	√		
BTCS 607	Java Programming Lab	√		
BTCS 608	Computer Graphics & Multimedia Lab	√	√	√
BTCS 609	Design and Analysis of Algorithms Lab.	√	√	√
BTCS 610	Embedded System Design Lab.	√	√	√
BTCS 611	Humanities and Social Sciences	√		√
BTCS 701	Cloud Computing	√		√
BTCS 702	Information System Security	√		√
BTCS 703	Data Mining & Warehouse	√		√
BTCS 704	Computer Aided Design for VLSI	√		√
BTCS 705	Compiler Construction	√		√
BTCS 706A	Advance Data Base Management Systems	√		
BTCS 706B	Robotics	√		
BTCS 706C	Data Compression Techniques	√	√	√
BTCS 707	Web Development Lab	√		√
BTCS 709	Compiler Design Lab	√	√	√
BTCS 710	Project-I	√		√
BTCS 711	Practical Training*	√	√	√
BTCS 801	Mobile Computing	√	√	√
BTCS 802	Digital Image Processing	√		√
BTCS 803	Distributed Systems	√		
BTCS 804A	Hardware Testing & Fault Tolerance	√		
BTCS 804B	Real Time Systems	√		
BTCS 804C	Information Retrieval	√		
BTCS 805	Unix Network Programming & Simulation Lab	√		
BTCS 806	FPGA Lab.	√		√
BTCS 807	Digital Image Processing lab	√		
BTCS 808	Project-II	√		√
BTCS 809	Seminar	√	√	√



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	Course	Employability	Entrepreneurship	Skill Development
2016-17				
BT 101	Engineering Physics-I	✓	✓	✓
BT 102	Introduction to Computers Fundamental and IT*			✓
BT 103	Applied Mathematics-I	✓	✓	✓
BT 104	Introduction to Electrical & Electronic Engineering	✓	✓	✓
BT 105	English & Communication Skills	✓	✓	✓
BT 106	Engineering Chemistry	✓		✓
BT 107	Electrical & Electronics Lab-I	✓		✓
BT 108	Engineering Physics Lab-I	✓	✓	✓
BT 110	Engineering Chemistry Lab	✓		✓
BT 201	Engineering Physics-II	✓	✓	✓
BT 202	Introduction to computer Programming *	✓		✓
BT 203	Engineering Mechanics*	✓	✓	✓
BT 204	Digital Electronics			✓
BT 205	Applied Mathematics-II	✓	✓	✓
BT 206	Environmental Sciences			✓
BT 207	Electrical & Electronic Lab-II	✓	✓	✓
BT 208	Engineering Physics Lab-II	✓		✓
BT 209	Computer Programming Lab*	✓	✓	✓
BTCE 301	Advanced Engineering Mathematics			✓
BTCE 302	Strength of Materials-I		✓	✓
BTCE 303	Civil Engineering Materials		✓	
BTCE 304	Engineering Geology		✓	✓
BTCE 305	Construction Technology	✓	✓	✓
BTCE 306	Fluid Mechanics	✓	✓	✓
BTCE 307	Civil Engineering Materials Lab		✓	✓
BTCE 308	Engineering Geology Lab	✓		✓
BTCE 309	Building Drawing-I	✓	✓	✓
BTCE 310	Fluid Mechanics Lab	✓	✓	✓
BTCE 311	Professional Ethics & Disaster Management	✓		✓
BTCE 401	Strength of Materials-II		✓	✓
BTCE 402	Concrete Technology		✓	✓
BTCE 403	Hydraulics & Hydraulic Machines	✓		✓
BTCE 404	Surveying-I	✓		✓
BTCE 405	Building Planning	✓		✓
BTCE 406	Quantity Surveying & Valuation	✓	✓	✓
BTCE 407	Concrete Technology Lab		✓	✓
BTCE 408	Hydraulics & Hydraulic Machines Lab	✓		✓
BTCE 409	Surveying Lab-I	✓		✓
BTCE 410	Building Drawing-II	✓		✓
BTCE 411	Material Testing Lab	✓	✓	✓
BTCE 501	Theory Of Structures-I	✓		✓
BTCE 502	Environmental Engineering-I	✓	✓	
BTCE 503	Geotechnical Engineering – I		✓	✓
BTCE 504	Surveying – II	✓		✓



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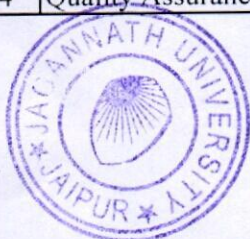
BTCE 505	Building Design	✓	✓	✓
BTCE 506C	Solid Waste Management	✓		✓
BTCE 507	Environmental Engineering Design & Lab. -I		✓	✓
BTCE 508	Geotechnical Engg.-I Laboratory	✓		✓
BTCE 509	Survey Lab. -II		✓	✓
BTCE 510	Computers Aided Building Design		✓	✓
BTCE 511	Structural Engineering Lab		✓	✓
BTCE 601	Theory Of Structures-II		✓	✓
BTCE 602	Geotechnical Engineering – II	✓	✓	✓
BTCE 603	Environmental Engineering-II	✓	✓	✓
BTCE 604	Design Of Concrete Structures – I	✓	✓	
BTCE 605	Transportation Engineering-I	✓		✓
BTCE 606C	Repair And Rehabilitation Of Buildings	✓		✓
BTCE 607	Geotechnical Engg. Design And Laboratory. – II	✓		✓
BTCE 608	Environmental Engineering Lab. & Design – II	✓		✓
BTCE 609	Design Of Concrete Structures- I		✓	✓
BTCE 610	Road Material Testing Lab		✓	✓
BTCE 611	Technical Seminar & Project		✓	✓
BTCE 701	Water Resource Engineering-I		✓	✓
BTCE 702	Design of Steel Structures-I	✓	✓	✓
BTCE 703	Design of Concrete Structures-II	✓	✓	✓
BTCE 704	Transportation Engineering-II	✓		✓
BTCE 705	Application of Numerical Methods in Civil			✓
BTCE 706B	Design of Prestress Concrete Structures	✓	✓	✓
BTCE 707	Design Of Water Resource Structures Lab-I	✓		✓
BTCE 708	Steel Structures Design Lab-I	✓	✓	✓
BTCE 709	Concrete Structures Design Lab-II	✓	✓	✓
BTCE 710	Application Of Numerical Methods In Civil Engineering Lab			✓
BTCE 712	Project-I			✓
BTCE 801	Water Resource Engineering-II		✓	✓
BTCE 802	Design of Steel Structures-II	✓		✓
BTCE 803	Project Planning & Construction Management	✓		✓
BTCE 804C	Earthquake Resistant Construction & Design	✓		✓
BTCE 805	Design of Water Resource Structures Lab-II		✓	✓
BTCE 806	Professional Practice & Estimating Lab	✓		✓
BTCE 807	Steel Structures Design-II Lab	✓		✓
BTCE 808	Design of Foundations Lab		✓	✓
BTCE 809	Structural Analysis by Matrix Methods Lab	✓		✓
BTCE 810	Seminar	✓		✓
BTCE 811	Project-II			✓



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Course Code	Course	Employability	Entrepreneurship	Skill Development
2016-17				
BT 101	Engineering Physics-I	✓	✓	✓
BT 102	Introduction to Computers Fundamental and IT*			✓
BT 103	Applied Mathematics-I	✓	✓	✓
BT 104	Introduction to Electrical & Electronic Engineering	✓	✓	✓
BT 105	English & Communication Skills	✓	✓	✓
BT 106	Engineering Chemistry	✓		✓
BT 107	Electrical & Electronics Lab-I	✓		✓
BT 108	Engineering Physics Lab-I	✓	✓	✓
BT 110	Engineering Chemistry Lab	✓		✓
BT 201	Engineering Physics-II	✓	✓	✓
BT 202	Introduction to computer Programming *	✓		✓
BT 203	Engineering Mechanics*	✓	✓	✓
BT 204	Digital Electronics			✓
BT 205	Applied Mathematics-II	✓	✓	✓
BT 206	Environmental Sciences			✓
BT 207	Electrical & Electronic Lab-II	✓	✓	✓
BT 208	Engineering Physics Lab-II	✓		✓
BT 209	Computer Programming Lab*	✓	✓	✓
BTME302	Engineering Thermodynamics	✓		✓
BTME304	Mechanics of Solids- I	✓		✓
BTME305	Manufacturing Processes		✓	✓
BTME306	Material Science & Engineering	✓		
BTME307	Material Science and Testing Lab	✓		✓
BTME308	Basic Mechanical Engineering Lab		✓	✓
BTME309	Production Practice - I			
BTME311	Mechanical Engineering Drawing Lab	✓		✓
BTME401	Kinematics of Machine			✓
BTME402	Fluid Mechanics & Hydraulics	✓	✓	✓
BTME403	Machining & Machine Tools	✓	✓	
BTME404	Design of Machine Element - I		✓	
BTME405	Industrial Engineering		✓	✓
BTME407	Kinematics of Machine Lab			✓
BTME408	Fluid Mechanics Lab	✓		✓
BTME409	Production Practice Lab - II	✓	✓	✓
BTME410	Machine Design Sessional - I			✓
BTME411	Thermal Engineering Lab-I	✓		
BTME501	Heat Transfer	✓	✓	
BTME502	Dynamics of Machines	✓	✓	✓
BTME503	Measurement & Meterology	✓		
BTME504	Quality Assurance & Reliability		✓	✓



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BTME506.A	Computer Aided Design & Graphics			✓
BTME506.B	Automobile Engineering	✓	✓	✓
BTME507	Heat Transfer Lab	✓	✓	✓
BTME508	Dynamics of Machines Lab		✓	✓
BTME509	Production Engineering Lab	✓		✓
BTME512	Project	✓	✓	✓
BTME601	Design of Machine Element - II			✓
BTME602	Newer Machining Methods	✓		✓
BTME603	Mechatronics	✓		✓
BTME604	Vibration Engineering		✓	✓
BTME606.A	Non Destructive Evaluation & Testing	✓	✓	✓
BTME606.B	Design & Manufacture of Plastic Products		✓	✓
BTME606.C	Maintenance Management			✓
BTME608	Industrial Engineering Lab-I	✓		✓
BTME609	Mechatronics Lab	✓		✓
BTME610	Vibration Engineering Lab		✓	✓
BTME701	Finite Element Methods			✓
BTME702	Refrigeration & Air Conditioning	✓	✓	✓
BTME703	Operation Research	✓		✓
BTME704	Turbo Machines		✓	
BTME706.A	Micro & Nano Manufacturing	✓	✓	
BTME706.B	Robotics		✓	✓
BTME706.C	CNC Machines & Programing	✓	✓	✓
BTME707	Thermal Engineering Lab-II			✓
BTME708	FEM Lab			✓
BTME709	Practical Training & Industrial Visit	✓	✓	✓
BTME710	Project-I		✓	✓
BTME801	Computer Integrated Manufacturing Systems	✓	✓	
BTME803	Power Generation	✓		✓
BTME804.A	Product Development and Launching			✓
BTME804.C	Total Quality Management	✓		
BTME805	CAM Lab	✓		✓
BTME806	CAD Lab	✓		✓
BTME807	Industrial Engineering Lab - II	✓	✓	✓
BTME808	Project-II	✓	✓	✓
BTME809	Seminar	✓	✓	✓



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Course	Course Code	Employability	Entrepreneurship	Skill Development
2016-17				
BT 101	Engineering Physics-I	✓	✓	✓
BT 102	Introduction to Computers Fundamental and IT*			✓
BT 103	Applied Mathematics-I	✓	✓	✓
BT 104	Introduction to Electrical & Electronic Engineering	✓	✓	✓
BT 105	English & Communication Skills	✓	✓	✓
BT 106	Engineering Chemistry	✓		✓
BT 107	Electrical & Electronics Lab-I	✓		✓
BT 108	Engineering Physics Lab-I	✓	✓	✓
BT 110	Engineering Chemistry Lab	✓		✓
BT 201	Engineering Physics-II	✓	✓	✓
BT 202	Introduction to computer Programming *	✓		✓
BT 203	Engineering Mechanics*	✓	✓	✓
BT 204	Digital Electronics			✓
BT 205	Applied Mathematics-II	✓	✓	✓
BT 206	Environmental Sciences			✓
BT 207	Electrical & Electronic Lab-II	✓	✓	✓
BT 208	Engineering Physics Lab-II	✓		✓
BT 209	Computer Programming Lab*	✓	✓	✓
BTEE301	Electronic Devices & Circuit	✓	✓	✓
BTEE302	Circuit Analysis-I	✓		✓
BTEE303	Liner Integrated Circuits	✓		
BTEE304	Object Oriented Programming	✓	✓	✓
BTEE305	Electrical Machines-I	✓		
BTEE307	Electronic Devices Lab	✓	✓	✓
BTEE308	Electrical Circuit Lab	✓		
BTEE309	Electronics Engineering Design Lab	✓	✓	✓
BTEE310	C++ Programming Lab	✓	✓	✓
BTEE401	Analog Electronics	✓		
BTEE402	Circuit Analysis-II	✓		✓
BTEE403	Electrical Measurements		✓	✓
BTEE404	Generation of Electrical Power	✓		✓
BTEE405	Electrical Machines-II	✓	✓	
BTEE406	Advanced Engineering Mathematics-II			✓
BTEE407	Analog Electronics Lab	✓		✓
BTEE408	Electrical Measurement Lab		✓	
BTEE409	Power System Design Lab	✓		✓
BTEE501	Power Electronics	✓	✓	
BTEE502	Microprocessors & Computer Architecture	✓		✓
BTEE503	Control Systems	✓		✓
BTEE504	Data Base Management System	✓	✓	



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BTEE505	Transmission & Distribution of Electrical power	✓		✓
BTEE506A	Optimization Techniques			✓
BTEE506B	Principle of Communication Systems	✓		✓
BTEE506C	Introduction to VLSI	✓		
BTEE507	Power Electronics Lab	✓	✓	✓
BTEE508	Microprocessor Lab	✓	✓	
BTEE509	System Programming Lab			✓
BTEE510	DBMS Lab	✓	✓	✓
BTEE601	Modern Control Theory	✓		
BTEE602	High Voltage Engineering		✓	
BTEE603	Switchgear & Protection			✓
BTEE604	Advanced Power Electronics	✓	✓	✓
BTEE605	Smart Grid Technology	✓		✓
BTEE606A	Advanced Microprocessors	✓		
BTEE606B	Power System Instrumentation	✓	✓	✓
BTEE606C	Digital Communication and Information Theory		✓	
BTEE607	Control System Lab	✓		
BTEE608	Power System Lab			✓
BTEE609	Advanced Power Electronics Lab	✓		
BTEE610	Smart Grid Lab	✓	✓	
BTEE611	Entrepreneurship Development		✓	
BTEE701	Power System Planning	✓	✓	
BTEE702	Power System Analysis	✓		
BTEE703	Artificial Intelligence Techniques	✓	✓	
BTEE704	Non Conventional Energy Sources	✓		✓
BTEE706A	Electromagnetic Field Theory	✓		✓
BTEE707	Power System Planning Lab	✓	✓	
BTEE708	Power System Modelling & Simulation lab		✓	
BTEE709	Industrial Economics & Management		✓	✓
BTEE711	Project-I	✓		✓
BTEE 801	EHV AC/DC Transmission	✓		
BTEE 802	Electric Drives and Their Control		✓	✓
BTEE 803	Protection of Power System			✓
BTEE804A	Utilization of Electrical Power	✓	✓	✓
BTEE804B	FACTS Devices & Their Applications	✓		✓
BTEE804C	Power System Transients		✓	
BTEE 805	Computer Based Power System Lab			✓
BTEE806	Electrical Drives and Control Lab	✓		
BTEE807	High Voltage Engineering Lab	✓	✓	
BTEE808	Project-II	✓		✓
BTEE809	Seminar	✓		✓

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Mapping of courses to employability/ entrepreneurship/ skill development

2016-17				
Course	Course Code	Employability	Entrepreneurship	Skill Development
1JAR1	English Communication	√	√	√
1JAR2	Mathematics	√		√
1JAR3	Construction Materials-I			√
1JAR4	Architectural Structures-I		√	√
1JAR5	Architectural Drawing-I		√	√
1JAR6	Arts & Graphics-I	√	√	√
1JAR7	Building Construction-I	√	√	√
1JAR8	Introduction to Computers-I	√		√
1JAR9	Workshop Practice (Photography/ Carpentry/ Model Making)	√	√	√
1JAR11	Basic Design & Field Trip			√
2JAR1	Ecology & Environment	√		
2JAR2	Construction Material-II			√
2JAR3	Architectural Structures-II	√		√
2JAR4	Introduction to Architecture			√
2JAR5	Architectural Drawing-II	√		√
2JAR6	Architectural Design (Basic Design & Field Trip)	√	√	√
2JAR7	Arts and Graphics-II	√	√	√
2JAR8	Building Construction-II	√	√	√
2JAR9	Introduction to Computer-II	√		√
3JAR1	History of Architecture -I	√		
3JAR2	Building Science-I (Climatology)	√		√
3JAR3	Construction Material-III			√
3JAR4	Architectural Structures-III	√		√
3JAR5	Architectural Design-I	√	√	√
3JAR6	Theory of Design-I	√		
3JAR7	Arts & Graphics-III	√	√	√
3JAR8	Building Construction-III	√	√	√
3JAR9	structure lab - I	√		√
3JAR10	Computer Application in Architecture-I	√	√	√
4JAR1	History of Architecture-II	√		
4JAR2	Surveying	√		√
4JAR3	Construction Materials-IV			√
4JAR4	Architectural Structures-IV	√		√
4JAR5	Architectural Design-II (Including Measured Drawing Camp)	√	√	√
4JAR6	Theory of Design-II	√		
4JAR7	Art & Graphics-IV	√	√	√
4JAR8	Building Construction-IV	√	√	√
4JAR9	Computer Application in Architecture-II	√	√	√
4JAR10	surveying lab	√		√
5JAR1	History of Architecture-III	√		
5JAR2	Building Services-I (Water Supply & Sanitation)	√	√	√
5JAR3	Construction Materials-V			√
5JAR4	Architectural Structures-V	√		√
5JAR5	Architectural Design-III & Field Trip	√	√	√
5JAR6	Quantity Surveying & Specification	√	√	√
5JAR7	Sociology	√		
5JAR8	Building Construction-V	√	√	√



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5JAR9	Computer Application in Architecture-III	√	√	√
5JAR10.1	Elective-I - Interior Design	√	√	√
5JAR10.2	Elective-I - History of Rajasthan Art	√	√	√
5JAR12	Landscape and site planning	√	√	√
6JAR1	History of Architecture-IV	√		
6JAR2	Building services-II (Electrical Services)	√	√	√
6JAR3	Construction Materials-VI			√
6JAR4	Architectural Structures-VI	√		√
6JAR5	Architectural Design-IV & Field Trip	√	√	√
6JAR6	Working Drawings	√	√	√
6JAR7	Building Economics	√		
6JAR8	Building Construction-VI	√	√	√
6JAR9.1	Elective-II - Construction Management	√		√
6JAR9.2	Elective-II - Sustainable Architecture	√	√	√
6JAR9.3	Low cost Construction and Techniques	√		√
6JAR9.4	Elective-II - Design for Disabled	√	√	√
6JAR10	Computer Application in Arch-IV	√	√	√
6JAR11	Educational Tour			√
7JAR1	Contract Documents & Byelaws	√	√	
7JAR2	Building Services-III(Mechanical Services)	√	√	√
7JAR3	Building Science-II (Acoustics & Illumination)	√	√	√
7JAR4	Architectural Structure-VII	√		√
7JAR5	Introduction to Settlement Planning	√	√	√
7JAR6	Architectural Design-V & Field Trip	√	√	√
7JAR7	Advanced building Construction	√	√	√
7JAR8	Introduction to Settlement Planning (Studio)	√	√	√
7JAR9	Dissertation			√
7JAR10.1	Elective- Alternate Energy System in Architecture			√
7JAR10.2	Elective- Vernacular Architecture		√	√
8JAR1	Practical Training	√	√	√
9JAR1	Practical Training	√	√	√
10JAR1	Professional Practice & Management	√	√	√
10JAR2	Housing	√	√	√
10JAR3.1	Elective - Urban Conservation			√
10JAR3.2	Elective - Urban Design			√
10JAR4.1	Elective - Disaster resistant structures			√
10JAR4.2	Elective - Architectural development and LEGISLATION		√	√
10JAR5	Advanced Study of Thesis Topic			√
10JAR6	Thesis Project			√



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2016-17				
BCA 101	Computer Fundamentals	√		√
BCA 102	C Language	√		√
BCA 104	Basics of Internet Programming	√	√	√
BCA 105	Communication Skills	√	√	√
BCA 106	Principles of Management		√	√
BCA 107	Lab-1: Computer Fundamentals & PC Computing	√		√
BCA 108	Lab-2: C language	√	√	√
BCA 109	Lab-3: Internet Programming	√	√	√
BCA 202	Computer Organization And Architecture			√
BCA 203	System Analysis & Design			√
BCA 204	Data Structure & Algorithms	√		√
BCA 205	Linux Environment	√	√	√
BCA 207	Lab-1: Data Structure & Algorithms	√		√
BCA 208	Lab-2: Linux Environment	√	√	√
BCA 209	Lab-3: Personality Development Lab	√	√	√
BCA 301	Object Oriented Programming using C++	√		√
BCA 302	Database Management System	√		√
BCA 303	Front End Design Tool (VB)	√	√	√
BCA 304	Managerial Personality Development		√	√
BCA 305	Technical Communication			√
BCA 307	Lab-1: OOPS Using C++	√		√
BCA 308	Lab-2: DBMS	√	√	√
BCA 309	Lab-3: Front End Design Tool (VB)	√	√	√
BCA 401	Operating Systems	√		√
BCA 403	Java Programming	√	√	√
BCA 404	Software Engineering	√		√
BCA 405	Data Mining & Data Warehousing			√
BCA 406	Communication Skills- Scientific & Technical Writing		√	√
BCA 407	Lab-1: Java	√	√	√
BCA 408	Lab-2: S.E. Lab	√	√	√
BCA 409	Lab-3: C.T Lab/Seminar			√
BCA 501	Computer Networks			√
BCA 502	System Software			√
BCA 503	Advanced Internet Programming	√	√	√
BCA 504	Advance Java	√		√
BCA 505	Computer Graphics	√		√
BCA 506	E-Commerce	√	√	√
BCA 507	Lab-1: Advance Internet Programming	√		√
BCA 508	Lab-2: .Advance Java	√	√	√
BCA 509	Summer Project Seminar	√	√	√
BCA 510	Industrial Visit	√	√	√
BCA 601	Advance Computer Networks			√



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BCA 602	Management Information System	√	√	√
BCA 603	Artificial Intelligence	√	√	√
BCA 604A	.NET Technology	√	√	√
BCA 604B	Fundamental of PHP	√		√
BCA 604D	Intellectual Property Rights		√	√
BCA 605A	Social Implications of IT			√
BCA 605B	Mobile Computing	√		√
BCA 605C	Cyber Ethics & Crime	√		√
BCA 605D	Entrepreneurship		√	√
BCA 606	Lab-1: .NET/PHP Lab	√	√	√
BCA 607	Major Project	√	√	√
BCA 608	Seminar	√	√	√



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2016-17				
BBA 101	Environmental Studies		✓	✓
BBA 102	English			✓
BBA 103	Computer Applications in Business– I			✓
BBA 104	Principles of Management	✓	✓	
BBA 105	Business Accounting	✓		
BBA 106	Economics –I	✓	✓	
BBA 107 A	Business Organisation		✓	
BBA 107 B	Business Ethics		✓	
BBA 201	Disaster Management		✓	✓
BBA 202	Business Communication			✓
BBA 203	Computer Applications in Business– II			✓
BBA 204	Organizational Behavior	✓	✓	
BBA 205	Cost Accounting	✓	✓	✓
BBA 206	Legal Aspects of Business	✓	✓	✓
BBA 207 A	Business Environment	✓	✓	
BBA 207 B	Financial Services	✓	✓	
BBA 301	Principles of Marketing	✓	✓	
BBA 302	Statistical Methods for Business		✓	✓
BBA 303	Management Accounting	✓		
BBA 304	Economics -II		✓	
BBA305	Corporate Law I		✓	
BBA 306 A	Productions & Materials Management	✓	✓	✓
BBA 306 B	Financial Audit	✓	✓	✓
BBA 401	Financial Management		✓	✓
BBA 402	Corporate Accounting			✓
BBA 403	Business Research Methods		✓	✓
BBA 404	Banking & Insurance	✓		
BBA 405	Corporate Law –II		✓	
BBA 406 A	Human Resource Management	✓	✓	
BBA 406 B	International Marketing		✓	
BBA 501	E- Commerce	✓		
BBA 502	Financial Institutions and Markets	✓		
BBA 503	Management of Small Scale Industries		✓	✓
BBA 504	Corporate Governance	✓	✓	
BBA 505	Quantitative Techniques for Management			✓
BBA 506	Summer Project		✓	
BBA 507 A	Elements of Taxes	✓	✓	✓
BBA 507 B	Business Budgeting	✓	✓	✓
BBA 601	Rural Marketing		✓	
BBA 602	Project Planning and Control		✓	



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BBA 603	Entrepreneurship Development	✓	✓	
BBA 604	Business Policies and Strategies	✓		
BBA 605	Industrial Law		✓	
BBA 606	Comprehensive Viva Voice			✓
BBA 607 A	Export Import Procedure and Documentation		✓	
BBA 607 B	Cost & Management Audit	✓		



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Mapping of courses to employability/ entrepreneurship/ skill development

2016-17

Course Code	Course Name	Employability	Entrepreneurship	Skill Development
BSC102	Mechanics	✓		✓
BSC104	Differential Calculus	✓	✓	✓
BSC105	Mechanics Lab	✓		✓
BSC201	Environmental Science		✓	✓
BSC202	Electricity, Magnetism and EMT	✓	✓	
BSC204	Differential Equations	✓	✓	✓
BSC205	Electricity, Magnetism and EMT Lab	✓	✓	
BSC301	Thermal Physics and Statistical Mechanics	✓	✓	
BSC303	Real Analysis	✓		✓
BSC304A	Analytical Geometry	✓	✓	✓
BSC304B	Integral Calculus	✓		✓
BSC304C	Physics workshop skills	✓	✓	✓
BSC304D	Computational physics skills	✓	✓	✓
BSC304E	Pharmaceutical Chemistry	✓	✓	✓
BSC304F	Basic Analytical Chemistry	✓		
BSC305	Thermal Physics and Statistical Mechanics Lab	✓	✓	
BSC401	Waves and optics	✓	✓	
BSC403	Algebra	✓	✓	✓
BSC404A	Vector Calculus	✓	✓	✓
BSC404B	Theory of Equations		✓	✓
BSC404C	Electrical circuit & network skills	✓	✓	✓
BSC404D	Technical drawing	✓	✓	✓
BSC404F	Green Methods in Chemistry		✓	✓
BSC405	Waves and optics Lab	✓	✓	
BSC501A	Probability and Statistics	✓		✓
BSC501B	Mathematical Modelling	✓	✓	✓
BSC501C	Radiology & safety	✓	✓	✓
BSC501D	Weather forecasting	✓	✓	✓
BSC501E	Chemistry of Cosmetics & Perfumes	✓	✓	✓
BSC501F	Pesticide Chemistry	✓	✓	✓
BSC502A	Matrices	✓	✓	✓
BSC502B	Mechanics		✓	✓
BSC502C	Linear Algebra	✓	✓	✓
BSC503A	Analytical Methods in Chemistry	✓		
BSC503B	Novel Inorganic Solids	✓		
BSC503C	Organometallics, Bioinorganic chemistry, Polynuclear hydrocarbons and UV, IR Spectroscopy	✓		



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BSC504A	Digital, Analog and Instrumentation	✓	✓	
BSC504B	Elements of Modern Physics	✓	✓	
BSC504C	Mathematical Physics	✓	✓	
BSC504D	Solid State Physics	✓	✓	
BSC505A	Analytical Methods in Chemistry Lab			✓
BSC505B	Novel Inorganic Solids Lab			✓
BSC505C	Organometallics, Bioinorganic chemistry, Polynuclear hydrocarbons and UV, IR Spectroscopy Lab			✓
BSC506A	Digital, Analog and Instrumentation Lab	✓	✓	
BSC506B	Elements of Modern Physics Lab	✓	✓	
BSC506C	Mathematical Physics Lab	✓	✓	
BSC506D	Solid State Physics Lab	✓	✓	
BSC601A	Transportation and Game Theory	✓		✓
BSC601B	Graph Theory	✓		✓
BSC601C	Applied optics	✓	✓	✓
BSC601D	Basic instrumentation skills	✓	✓	✓
BSC601E	Chemical Technology & Society			✓
BSC601F	Fuel Chemistry	✓		
BSC602A	Numerical Methods	✓	✓	✓
BSC602B	Complex Analysis	✓	✓	✓
BSC602C	Linear Programming	✓	✓	✓
BSC603A	Polymer Chemistry	✓		
BSC603B	Green Chemistry	✓		
BSC603C	Instrumental Methods of Analysis	✓		
BSC604A	Quantum Mechanics	✓	✓	
BSC604B	Embedded System: Introduction to microcontroller	✓	✓	
BSC604C	Nuclear and Particle Physics	✓	✓	
BSC604D	Medical Physics	✓	✓	
BSC605A	Polymer Chemistry Lab			✓
BSC605B	Green Chemistry Lab			✓
BSC605C	Instrumental Methods of Analysis Lab			✓
BSC606A	Quantum Mechanics Lab	✓	✓	
BSC606B	Embedded System: Introduction to microcontroller Lab	✓	✓	
BSC606D	Medical Physics Lab	✓	✓	



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Mapping of Courses to Employability/ Entrepreneurship/ Skill Development

2016-17

course code	Course title	Employability	Entrepreneurship	Skill Development
AG 101	Introductory Agriculture and Principles of Agronomy	✓	✓	✓
AG 102	Principles of Genetics			✓
AG 103	Introduction to Soil Science			✓
AG 104	Dimensions of Agricultural Extension		✓	✓
AG 105	Agricultural Microbiology	✓	✓	✓
AG 106	Elementary Mathematics			✓
AG 107	Comprehensive and Communication Skills in English			✓
AG 108	Introduction to Computer Applications	✓		✓
AG 109	NCC/NSS			✓
AG 201	Agricultural Meteorology			✓
AG 202	Principles of Plant Breeding			✓
AG 203	Plant Pathogens and Principles of Plant Pathology	✓		✓
AG 204	Insect Morphology and Systematics		✓	✓
AG 205	Principles of Agricultural Economics	✓	✓	✓
AG 206	Fundamentals of Soil and Water Conservation Engineering	✓		✓
AG 207	Biochemistry	✓		✓
AG 208	Soil Chemistry, Soil Fertility and Nutrient Management			✓
AG 301	Field Crops-I (<i>Kharif</i>)		✓	✓
AG 302	Weed Management			✓
AG 303	Introductory Nematology			✓
AG 304	Statistics	✓		✓
AG 305	Fundamentals of Rural Sociology and Educational Psychology			✓
AG 306	Production Technology of Fruits and Plantation Crops		✓	✓
AG 307	Production Economics and Farm Management	✓	✓	✓



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AG 308	Farm Power and Machinery	✓	✓	✓
AG 309	Manures And Fertilizers		✓	✓
AG 401	Field Crops- II (<i>Rabi</i>)		✓	✓
AG 402	Water Management			✓
AG 403	Soil survey, Land Use Planning and Remote Sensing			✓
AG 404	Insect Ecology and Integrated Pest Management including Beneficial Insects		✓	✓
AG 405	Production Technology of Vegetables and Flowers	✓	✓	✓
AG 406	Agricultural Finance and Co-operation	✓	✓	✓
AG 407	Crop Physiology			✓
AG 408	Entrepreneurship Development and Communication Skills	✓	✓	✓
AG 501	Practical Crop Production -1(<i>Kharif</i> crops)	✓		
AG 502	Rainfed Farming		✓	✓
AG 503	Principles of Plant Biotechnology		✓	✓
AG 504	Crop and stored grain pests and their management			✓
AG 505	Breeding of Field and Horticultural Crops			✓
AG 506	Agricultural Marketing, trade and Prices	✓	✓	✓
AG 507	Protected cultivation and Post harvest Technology		✓	
AG 508	Diseases of Field Crops and their management			✓
AG 509	Production technology of Spices, Aromatic and Medicinal crops	✓		✓
AG 601	Practical Crop Production –II (<i>Rabi</i>)	✓		
AG 602	Farming Systems, Sustainable Agriculture and Organic Farming		✓	
AG 603	Principles of Seed Technology	✓	✓	✓
AG 604	Extension Methodologies for Transfer of Agricultural Technology		✓	✓
AG 605	Livestock Production and Management		✓	✓
AG 606	Environmental Science	✓	✓	✓
AG 607	Post harvest management and value addition of fruits and vegetables	✓	✓	✓



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AG 608	Diseases of Horticultural Crops and their management			✓
AG 609	Fundamentals of Agri. Business Management	✓	✓	✓
	GROUP A: CROP PRODUCTION AND ALLIED DISCIPLINES (any six papers are to be opted)			
AG A701	Advanced Seed Technology	✓	✓	✓
AG A702	Applied Weed Management			✓
AG A703	Vermi-composting and Organic farming	✓	✓	✓
AG A704	Soil, Plant and Water Analysis			✓
AG A705	Soil Management			✓
AG A706	Dairy Cattle Production		✓	✓
AG A707	Plant Growth regulators in Agriculture	✓		
AG A708	Plasticulture in Agriculture	✓	✓	✓
	GROUP B: PLANT SCIENCE AND PLANT PROTECTION (any six papers are to be opted)			
AG B 701	Advanced Seed Technology	✓	✓	✓
AG B 702	Tissue culture and Micro-propagation techniques	✓		
AG B 703	Bio-agents and Integrated Disease Management		✓	✓
AG B 704	Detection and Management of seed borne pathogens	✓	✓	✓
AG B 705	Non -Insect Pests and their management			✓
AG B 706	Bio-control agents and Bio-pesticides	✓	✓	✓
AG B 707	Plant Growth regulators in Agriculture	✓		
AG B 708	Economic Nematology	✓		✓
	GROUP C: HORTICULTURE AND ALLIED SCIENCES (any six papers are to be opted)			
AG C 701	Bio-control agents and Bio-pesticides	✓	✓	✓
AG C 702	Vermi-composting and Organic farming	✓	✓	✓
AG C 703	Tissue culture and Micro-propagation techniques	✓		
AG C 704	Plasticulture in Agriculture	✓	✓	✓
AG C 705	Nursery Management of Horticultural Crops	✓	✓	✓
AG C 706	Commercial Vegetable Production	✓	✓	✓



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AG C 707	Commercial Fruit Production	✓	✓	✓
AG C 708	Plant Growth regulators in Agriculture	✓		
	GROUP D: SOCIAL SCIENCES (any six papers are to be opted)			
AG D 701	Marketing Management	✓	✓	✓
AG D 702	Project Formulation, Evaluation and Monitoring			✓
AG D 703	Natural Resource Economics and Management	✓	✓	✓
AG D 704	Visuals and Graphic Communications		✓	✓
AG D 705	Govt. Policies and Priogrammes on Agriculture		✓	✓
AG D 706	Sampling Techniques		✓	✓
AG D 707	Dairy Cattle Production	✓	✓	✓
AG D 708	Poultry Production and Management	✓	✓	✓
AG 801	Research Station/KVK/ including village attachment and In-situ interaction offarmers, students and research station scientists			✓
AG 802	In-situ interaction of farmers, college faculty and students			✓
AG 803	Educational Tour			✓
AG 804	Project Report Preparation and Evaluation			✓
AG 805	Industrial Attachment*/Skill Development/ Experiential Learning Courses	✓	✓	✓



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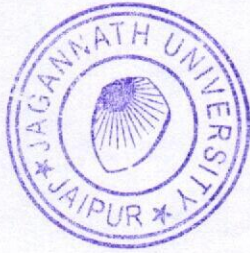
Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	Course Name	Employability	Entrepreneurship	Skill Development
2016-17				
BA/BBALLB 105	Law of Torts and Motor Vehicle Act, 1988	✓	✓	
BA/BBALLB 106	Law of Contract –I	✓	✓	
BA/BBALLB 205	Law of Consumer Protection and Competition	✓		
BA/BBALLB 206	Law of Contract –II	✓		
BA/BBALLB 304	The Indian Penal Code, 1860	✓		
BA/BBALLB 305	Family Law-I	✓		
BA/BBALLB 306	Corporate Law –I	✓		
BA/BBALLB 403	Public International Law		✓	
BA/BBALLB 404	The Code of Criminal Procedure, 1973	✓	✓	
BA/BBALLB 405	Family Law-II	✓	✓	
BA/BBALLB 406	Corporate Law –II	✓	✓	
BA/BBALLB 502	Jurisprudence- I			✓
BA/BBALLB 503	Administrative Law			✓
BA/BBALLB 504	Labour and Industrial Laws-I		✓	
BA/BBALLB 505	Code of Civil Procedure-I	✓	✓	
BA/BBALLB 506	Constitutional Law-I	✓	✓	
BA/BBALLB 602	Jurisprudence- II			✓
BA/BBALLB 603	Law of Evidence	✓	✓	
BA/BBALLB 604	Labour and Industrial Laws-II	✓		
BA/BBALLB 605	Code of Civil Procedure- II and Law of Limitation	✓		
BA/BBALLB 606	Constitutional Law-II	✓		
BA/BBALLB 701A	Law Relating to Intellectual Property Rights (Any One)	✓		
BA/BBALLB 701B	Comparative Law		✓	
BA/BBALLB 702A	Gender Justice and Feminist Jurisprudence (Any One)			✓
BA/BBALLB 702B	Health Care Law		✓	
BA/BBALLB 703A	Law Relating to Banking and Negotiable Instrument (Any One)		✓	
BA/BBALLB 703B	Bankruptcy Laws	✓	✓	
BA/BBALLB 704	Law of Property		✓	
BA/BBALLB 705A	Human Rights Law (Any One)		✓	
BA/BBALLB 705B	International Humanitarian Law			✓
BA/BBALLB 706A	Criminology, Penology and Victimology (Any One)			✓
BA/BBALLB 706B	Law & Medicine		✓	
BA/BBALLB 801A	Interpretation of Statutes and Principle of Legislation (Any One)			✓
BA/BBALLB 801B	Private International Law		✓	
BA/BBALLB 802A	International Trade Law (Any One)		✓	
BA/BBALLB 803	Alternate Dispute Resolution (Clinical- I)		✓	
BA/BBALLB 804A	Law and Technology (Any One)		✓	
BA/BBALLB 805A	Law of Partnership and Limited Liability Partnership (Any One)	✓	✓	
BA/BBALLB 805B	International Economic Law		✓	
BA/BBALLB 806	Professional Ethics, Accountancy for Lawyers and Bar-Bench Relations (Clinical- II)			✓
BA/BBALLB 901	Principles of Taxation Law	✓	✓	
BA/BBALLB 902A	Law Relating to Insurance (Any One)	✓	✓	
BA/BBALLB 902B	Investment & Security Laws	✓	✓	
BA/BBALLB 903	Drafting, Pleading and Conveyancing *** (Clinical- III)	✓	✓	
BA/BBALLB 904A	Law of Indirect Taxes (Any One)		✓	



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BA/BBALLB 905	Environmental Law		✓	
BA/BBALLB 906C	Land Laws Including Local Laws		✓	
BA/BBALLB 1001	Dissertations****			✓
BA/BBALLB 1002	Moot Court Exercise and Internship*			✓



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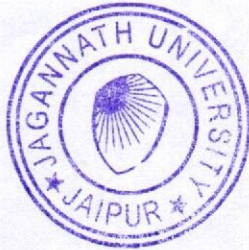
Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2016-17				
MBA101	Computer Application in Management			✓
MBA102	Principle and Practices of Management			✓
MBA103	Managerial Accounting	✓	✓	✓
MBA104	Marketing Management		✓	
MBA105	Organizational Behavior	✓		✓
MBA106	Business Statistics			✓
MBA107	Managerial Economics		✓	✓
MBA108A	Business Environment		✓	✓
MBA108B	Fundamentals of Entrepreneurship		✓	
MBA201	Legal Aspects of Business		✓	
MBA202	Financial Management		✓	
MBA203	Quantitative Techniques			✓
MBA204	Production Operations Management	✓	✓	
MBA205	Business Research Methods			✓
MBA206	Human Resource Management	✓	✓	
MBA207	Managerial Information System	✓	✓	
MBA208A	International Business Management	✓	✓	
MBA208B	Business Ethics		✓	✓
MBA 301	Strategic Management	✓		
MBA 302	Consumer Behavior		✓	
MBA 303	Summer Internship	✓	✓	✓
MBA 401	Corporate Governance & Social Responsibility	✓	✓	
MBA 402	Project Planning and Control	✓	✓	
MBA 403	Comprehensive Viva			✓
MBAHR-304	Training & Development	✓		
MBAHR 305	Performance Management			✓
MBAHR-306	Organizational Change & Development	✓		
MBAHR307	Manpower Planning & Control		✓	
MBAHR308	Conflict Resolution & Negotiation		✓	
MBAHR 404	Strategic HRM	✓	✓	
MBAHR 405	International HRM	✓		
MBAHR-406	Industrial Relations & Labor Legislation			✓
MBAHR-407	Compensation Management	✓		
MBAHR-408	Global Cultural Management	✓		
MBAFM-304	Financial Strategic Decision		✓	
MBAFM-305	Security Analysis and Portfolio Management	✓	✓	
MBAFM-306	Income Tax: Theory & Practice			✓
MBAFM-307	Management of Financial Services		✓	✓
MBAFM-308	Cost & Management Audit		✓	✓
MBAFM-404	Management of Banking & Insurance	✓	✓	
MBAFM-405	International Financial Management	✓		



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MBAFM-406	Merger, Acquisition and Corporate Restructuring			✓
MBAFM-407	Financial Derivatives Management		✓	
MBAFM-408	Tax Planning		✓	
MBAMKT-304	Advertising Management	✓		
MBAMKT-305	Retail Marketing	✓		
MBAMKT-306	Marketing of Services	✓	✓	
MBAMKT-307	Sales and Distribution Management	✓		✓
MBAMKT-308	Marketing Research	✓	✓	
MBAMKT-404	Product and Brand Management	✓	✓	
MBAMKT-405	Rural and Industrial Marketing	✓	✓	
MBAMKT-406	International Marketing Management	✓	✓	
MBAMKT-407	Customer Relationship Management	✓	✓	
MBAMKT-408	E Commerce	✓	✓	
MBAIT-304	Data Mining for Business Decisions	✓	✓	
MBAIT-305	Managing Software Projects	✓	✓	
MBAIT-306	Managing Digital Innovation and Transformation	✓		
MBAIT-307	E-Commerce and Digital Markets	✓	✓	
MBAIT-308	ERP- I	✓	✓	
MBAIT-404	Big Data & Business Analytics	✓	✓	
MBAIT-405	Managing Digital Platforms	✓	✓	
MBAIT-406	Strategic Information Technology Management	✓	✓	
MBAIT-407	Network Application and Management	✓	✓	
MBAIT-408	ERP- II	✓	✓	



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	Course Name	Employability	Entrepreneurship	Skill Development
2016-17				
LLM 101	Research Methods and Legal Writing			✓
LLM 102	Comparative Public Law			✓
LLM 103	Law and Justice in a Globalizing World			✓
LLM 104- A	Company Law	✓	✓	
LLM 105- A	Intellectual Property Law	✓	✓	✓
LLM 105- B	Criminal Justice and Human Rights	✓	✓	
LLM 201- A	International Trade Law	✓	✓	
LLM 202- A	Competition Law	✓	✓	✓
LLM 203- A	Laws on Securities and Financial Markets	✓	✓	✓
LLM 204- A	Banking and Insurance Law	✓	✓	✓
LLM 205- A	Dissertation including viva-voce			✓
LLM 201- B	Victimology		✓	
LLM 203- B	Administration	✓	✓	
LLM 204- B	Police Law and Administration			✓
LLM 205- B	Dissertation including viva-voce			✓




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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2016-2017				
MTCSCS 101	Advanced Computer Architecture	√		√
MTCSCS 102	Advanced Communication Networks	√		√
MTCSCS103	Data Mining & Data Warehousing	√	√	√
MTCSCS104A	Distributed Computing	√	√	√
MTCSCS104B	Advanced Topics In Algorithms	√		√
MTCSCS 105	Advanced Commnication Networks Lab	√		√
MTCSCS 201	Distributed Algorithms	√	√	√
MTCSCS 202	Cloud Computing	√		√
MTCSCS203	Real Time Systems	√	√	√
MTCSCS204A	Artificial Intelligence	√		√
MTCSCS204B	Advanced Database Systems	√		√
MTCSCS 205	Cloud Computing Lab	√		√
MTCSCS301	E-Business Systems	√	√	√
MTCSCS 302	Soft computing	√	√	√
MTCSCS 303	Information System Security	√	√	√
MTCSCS304A	Grid Computing	√	√	√
MTCSCS304B	Parallel Computing	√		√
MTCSCS304C	Object Oriented Analysis and Design	√		√
MTCSCS305	Seminar	√	√	√
MTCSCS 401	Dissertation	√	√	√



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Course code	Course	Employability	Entrepreneurship	Skill development
2016-17				
MTCEEV/TE/SE10 1	Energy & Environment / Traffic Engineering-I / Theory Of Elasticity And Plasticity	✓		✓
MTCEEV/TE/SE10 2	Advanced Water Treatment Technology / Highway Materials / Aseismic Design	✓	✓	✓
MTCEEV/TE/SE10 3	Advanced Waste Water Treatment Technology / Pavement analysis and Design / Prestressed Concrete	✓	✓	✓
MTCEEV/TE/SE10 4A	Statistical and Mathematical Techniques /	✓		✓
MTCEEV/TE/SE10 4B	Noise and Thermal Pollution / Ground Improvement Techniques / Ground Improvement Techniques	✓		✓
MTCEEV/TE/SE10 4C	Environmental Geo technology / Intelligent Transportation system / Structural Dynamics	✓		✓
MTCEEV/TE/SE10 5	Advanced Water Treatment Lab / Ground Improvement Techniques Lab	✓	✓	✓
MTCEEV/TE/SE20 1	Environmental Policies & Legislation / Traffic Engineering II / Advanced Concrete Design	✓		✓
MTCEEV/TE/SE20 2	Industrial Waste Treatment / Urban Transportation Planning I / Advanced Steel Structures	✓	✓	
MTCEEV/TE/SE20 3	Environment Impact Assessment & Auditing / Highway Geometric Design / Design Of Bridges		✓	
MTCEEV/TE/SE20 4A	Solid Waste Management / Bridge Engineering / Maintenance And Rehabilitation Of Structures	✓		✓
MTCEEV/TE/SE20 4B	Hydrology And Applied Hydraulics / Transportation Planning / Advanced Theory Of Concrete Structures	✓		✓
MTCEEV/TE/SE20 4C	Environmental Chemistry & Microbiology / Highway Construction / Design Of Substructures	✓		✓
MTCEEV/TE/SE20 5	Industrial Waste Treatment Lab / Highway Material Testing Lab / Non-destructive testing Lab	✓	✓	
MTCEEV/TE/SE30 1	Air Pollution & Its Control / Pavement Management System / Disaster Mitigation And Management	✓		
MTCEEV/TE/SE30 2	Hazardous Waste Treatment / Urban Transportation Planning II / Construction Techniques And Management	✓		✓



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MTCEEV/TE/SE30 3	Environment & Health / Traffic Flow Theory / Advanced Concrete Technology		✓	✓
MTCEEV/TE/SE30 4A	Ground Water Pollution / GIS Application in Transportation Engineering / High Rise Structures	✓		✓
MTCEEV/TE/SE30 4C	Indoor Air Quality / Intelligent Transport System / Advanced Foundation Engineering	✓		✓
MTCEEV/TE/SE30 5	Seminar			✓
MTCEEV/TE/SE40 1	Dissertation			✓



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Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2016-17				
MTMEPE101	Computer aided process planning	✓		✓
MTMEPE102	Quality Management Systems		✓	
MTMEPE103	Ergonomics and Work System Design		✓	✓
MTMEPE104.A	Energy Management	✓	✓	
MTMEPE104.C	Lean Manufacturing,	✓	✓	✓
MTMEPE105	Work System Design Lab	✓		✓
MTMEPE201	Enterprise Resource Planning	✓	✓	✓
MTMEPE202	CNC Technology & Programming	✓	✓	
MTMEPE204.A	Product Engineering	✓		
MTMEPE204.B	Mechatronics		✓	✓
MTMEPE204.C	Cryogenic Systems			✓
MTMEPE 205	CNC Technology & Programming Lab	✓		✓
MTMEPE301	Automated material handling systems	✓	✓	✓
MTMEPE302	Supply chain practice & procedure			✓
MTMEPE303	Robotics	✓	✓	✓
MTMEPE304.A	Inventory management	✓	✓	
MTMEPE304.C	Concurrent Engineering	✓		✓
MTMEPE305	Seminar		✓	✓
MTMEPE401	Dissertation	✓	✓	✓
		✓	✓	✓




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Course Code	Course	Employability	Entrepreneurship	Skill Development
2016-2017				
MTEEPS102	Advanced Power Electronics	√		√
MTEEPS104A	EHV AC/DC Transmission	√		
MTEEPS104B	Advanced Power Electronics Drives	√		
MTEEPS104C	Reactive Power Compensation and Management	√		
MTEEPS105	Power System Simulation Lab	√	√	
MTEEPS202	Flexible AC Transmission System	√		√
MTEEPS203	Advanced Circuit Analysis and Design	√		√
MTEEPS204A	Advanced Relaying & Protection System	√	√	√
MTEEPS204B	Power Generation Sources	√	√	√
MTEEPS204C	Demand Side Energy Management	√	√	√
MTEEPS205	Advance Power System design Lab	√	√	
MTEEPS301	Power System Networking and Management	√		
MTEEPS302	Modeling and analysis Electrical Machines	√	√	√
MTEEPS303	Power system operational and control	√		
MTEEPS304A	Power system planning and reliability	√		√
MTEEPS304B	Power Quality	√		√
MTEEPS304C	Power System Deregulation	√		√
MTEEPS305	Seminar			√
MTEEPS 401	Dissertation		√	

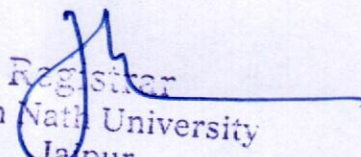


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2016-17				
RCW - I	RESEARCH METHODOLOGY	✓	✓	✓
RCWDMCS1	CS-I	✓	✓	✓
RCWCCCS2	CS-II	✓	✓	✓
RCWSCCS3	CS-III	✓	✓	✓
RCWME1	MECH-I	✓	✓	✓
RCWCE1	CE-I	✓	✓	✓
RCWEE1	EE-I	✓	✓	✓
RCWMGFN1	MANAGEMENT-I	✓	✓	✓
RCWMGHRM2	MANAGEMENT-II	✓	✓	✓
RCWMGMKT3	MANAGEMENT-III	✓	✓	✓
RCWLAW	LAW	✓	✓	✓




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Course Code	Course	Employability	Entrepreneurship	Skill Development
2016-17				
MCA 102	Computer Organization			√
MCA 103	Programming in C	√		√
MCA 104	Management of Information system	√		√
MCA 105	System Analysis & Design	√		√
MCA 106	Communication Skills - Scientific & Technical Writing	√		√
MCA 107	IT and its Application Lab (Microsoft Word/ Excel and Power Point)	√		√
MCA 108	Programming in C Lab	√		√
MCA 109	System Analysis & Design Lab	√		√
MCA 201	E-Commerce			√
MCA 202	Object Oriented Programming in C++	√		√
MCA 203	Operating Systems	√		√
MCA 204	Web Technology	√	√	√
MCA 205	Software Engineering	√	√	√
MCA 207	Operating Systems Lab	√		√
MCA 208	Object Oriented Programming in C++ Lab	√		√
MCA 209	Web Technology Lab	√	√	√
MCA 301	Database Management System	√		√
MCA 302	Data Structure & Algorithms			√
MCA 303	Java Programming	√	√	√
MCA 304	Data Communications and Networking	√		√
MCA 305	C# Programming	√	√	√
MCA 307	Java Programming Lab	√	√	√
MCA 308	C# Programming Lab	√	√	√
MCA 309	Data Structure & Algorithms Lab			√
MCA 401	Design and Analysis of Algorithms			√
MCA 402	Advance Database Management System	√		√
MCA 403	Artificial Intelligence	√		√
MCA 404	Object Oriented Analysis and Design	√	√	√
MCA 405	Data Warehousing and Data Mining	√		√
MCA 406	Information Security Systems	√		√
MCA 407	Advance Database Management System Lab using Oracle 10g	√		√
MCA 408	Object Oriented Analysis and Design Lab	√		√
MCA 409	Design and Analysis of Algorithms Lab	√		√
MCA 501	Linux Programming	√	√	√
MCA 503	Enterprise Computing with Java	√	√	√
MCA 504	Theory of Computation	√		√
MCA 505	Core PHP	√	√	√
MCA 506.b	Advance Computer Network	√	√	√
MCA 506.c	Computer Graphics	√		√



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MCA 506.d	Advanced Software Engineering	√	√	√
MCA 507	Linux Programming Lab	√		√
MCA 508	Enterprise Computing with Java Lab	√	√	√
MCA 509	PHP Lab	√	√	√
MCA 601	Major Project	√	√	√



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