

Mapping of courses to employability/ entrepreneurship/ skill development

2019-20

Course Code	Course	Employability	Entrepreneurship	Skill Development
BTBSC 101	Engineering Mathematics-I	√	√	√
BTBSC 102	Engineering Physics	√	√	√
BTHSMC 103	Communication Skills			√
BTESC 104	Programming for Problem Solving	√		√
BTESC 105A	Basic Electrical Engineering	√		√
BTESC 105B	Basic Civil Engineering	√		√
BTBSC 106	Engineering Physics Lab	√		√
BTHSMC 107	Language Lab	√		√
BTESC 108	Computer Programming Lab	√	√	√
BTESC109A	Basic Electrical Engineering Lab	√	√	
BTESC109B	Basic Civil Engineering Lab	√	√	
BTBSC 201	Engineering Mathematics-II	√	√	
BTBSC 202	Engineering Chemistry	√	√	
BTHSMC 203	Human Values			√
BTESC 204	Basic Mechanical Engineering	√	√	
BTESC205A	Basic Electrical Engineering	√		√
BTESC205B	Basic Civil Engineering	√		√
BTHSMC 206	Advanced English			√
BTBSC 207	Engineering Chemistry Lab	√	√	√
BTHSMC 208	Human Values Activities			√
BTESC 209	Manufacturing Practices Workshop	√	√	
BTESC210A	Basic Electrical Engineering Lab	√	√	
BTESC 210B	Basic Civil Engineering Lab	√	√	
BTCSESC 301	Advanced Engineering Mathematics		√	
BTCSESC302	Managerial Economics and Financial Accounting		√	
BTCSESC 303	Digital Electronics	√		
BTCSPCC 304	Data Structures and Algorithms			√
BTCSPCC305	Object Oriented Programming	√		√
BTCSPCC306	Software Engineering	√	√	√
BTCSPCC 307	Data Structures and Algorithms Lab			√
BTCSPCC 308	Object Oriented Programming Lab	√		√
BTCSPCC 309	Software Engineering Lab	√	√	√
BTCSPCC 310	Digital Electronics Lab	√		
BTCSPSIT 311	Industrial Training/ Seminar	√	√	√
BTCSESC 401	Discrete Mathematics Structure	√		
BTCSESC402	Technical Communication			√
BTCSESC 403	Microprocessor & Interfaces	√		
BTCSPCC 404	Database Management System	√		√
BTCSPCC 405	Theory of Computation	√	√	
BTCSPCC 406	Data Communication and Computer Networks	√		
BTCSPCC 407	Microprocessor & Interfaces Lab	√		



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BTCSPCC 408	Database Management System Lab	√		√
BTCSPCC 409	Network Programming Lab	√		√
BTCSPCC 410	Linux Shell Programming Lab	√		√
BTCSPCC 411	Java Lab	√	√	√
BTCSESC 501	Information Theory & Coding		√	√
BT CSPCC 502	Compiler Design	√		√
BT CSPCC 503	Operating System	√		
BTCSPCC 504	Computer Graphics & Multimedia	√		
BTCSPEC 506A	Wireless Communication	√	√	√
BTCSPEC 506B	Human-Computer Interaction	√		
BTCSPEC 506C	Bioinformatics	√		
BTCSPCC 507	Computer Graphics & Multimedia Lab	√	√	√
BTCSPCC 508	Compiler Design Lab	√		
BTCSPCC 510	Advance Java Lab	√	√	√
BTCSPSIT 511	Industrial Training	√	√	√
BTCSPCC 602	Machine Learning	√	√	√
BTCSPCC 603	Information Security System			√
BTCSPCC 604	Computer Architecture and Organization			√
BTCSPCC 605	Artificial Intelligence	√	√	√
BTCSPCC 606	Cloud Computing	√	√	√
BTCSPEC 607A	Distributed System	√		√
BTCSPEC 607B	Software Defined Network	√		√
BTCSPEC 607C	Ecommerce & ERP	√		√
BTCSPCC 609	Machine Learning Lab	√		√
BTCSPCC 610	Python Lab	√	√	√
BTCSPCC 611	Mobile Application Development Lab	√	√	√
BTCSPCC 701	Internet of Things	√	√	√
BTCSOE 702A	Principle of Electronic Communication	√	√	√
BTCSOE 702B	Micro and Smart System Technology			
BTCSOE 702C	Optimization Techniques			
BTCSPCC 703	Internet of Things Lab	√	√	√
BTCSPCC 704	Cyber Security Lab	√	√	√
BTCSPSIT 705	Industrial Training	√	√	√
BTCSPSIT 706	Seminar			√
BTCSPCC 801	Big Data Analytics	√	√	√
BTCSOE 802A	Soft Computing	√		√
BTCSOE 802B	Robotics and Control	√		√
BTCSOE 802C	Simulation Modeling and Analysis	√		√
BTCSPCC 803	Big Data Analytics Lab	√	√	√
BTCSPCC 804	Software Testing and Validation Lab	√	√	√
BTCSPSIT 805	Project			



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2019-20				
BTBSC 101	Engineering Mathematics-I	✓	✓	✓
BTBSC 102	Engineering Physics	✓	✓	✓
BTHSMC 103	Communication Skills	✓	✓	✓
BTESC 104	Programming for Problem Solving	✓	✓	✓
BTESC 105A	Basic Electrical Engineering	✓		✓
BTESC 105B	Basic Civil Engineering	✓		✓
BTBSC 106	Engineering Physics Lab	✓		✓
BTHSMC 107	Language Lab	✓		✓
BTESC 108	Computer Programming Lab	✓	✓	✓
BTESC109A	Basic Electrical Engineering Lab	✓	✓	✓
BTESC109B	Basic Civil Engineering Lab	✓	✓	✓
BTBSC 201	Engineering Mathematics-II		✓	✓
BTBSC 202	Engineering Chemistry			✓
BTHSMC 203	Human Values		✓	✓
BTESC 204	Basic Mechanical Engineering			✓
BTESC205A	Basic Electrical Engineering	✓	✓	✓
BTESC205B	Basic Civil Engineering	✓		✓
BTHSMC 206	Advanced English	✓		✓
BTBSC 207	Engineering Chemistry Lab			✓
BTHSMC 208	Human Values Activities		✓	✓
BTESC 209	Manufacturing Practices Workshop			✓
BTESC210A	Basic Electrical Engineering Lab		✓	✓
BTESC 210B	Basic Civil Engineering Lab			✓
BTCEBSC 301	Advance Engineering Mathematics-I	✓		✓
BTCEHSMC 302	Technical Communication	✓		✓
BTCEESC 303	Engineering Mechanics	✓		✓
BTCEPCC 304	Surveying	✓		✓
BTCEPCC 305	Fluid Mechanics	✓		✓
BTCEPCC 306	Building Materials and Construction			✓
BTCEPCC 307	Engineering Geology		✓	✓
BTCEPCC 308	Surveying Lab	✓		✓
BTCEPCC 309	Fluid Mechanics Lab	✓		✓
BTCEPCC 310	Computer Aided Civil Engineering Drawing	✓		✓
BTCEPCC 311	Civil Engineering Materials Lab	✓	✓	✓
BTCEPCC 312	Geology Lab	✓	✓	✓
BTCEBSC401	Advance Engineering Mathematics-II	✓		✓
BTCEHSMC402	Managerial Economics & Financial Accounting		✓	✓
BTCEESC403	Basic Electronics for Civil Engineering Applications	✓		✓
BTCEPCC404	Strength Of Materials	✓		✓
BTCEPCC405	Hydraulics Engineering	✓		✓
BTCEPCC406	Building Planning	✓		✓
BTCEPCC407	Concrete Technology	✓	✓	✓
BTCEPCC 408	Material Testing Lab	✓	✓	✓
BTCEPCC 409	Hydraulics Engineering Lab	✓	✓	✓
BTCEPCC 410	Building Drawing	✓		✓
BTCEPCC 411	Advanced Surveying Lab	✓	✓	✓
BTCEPCC 412	Concrete Lab	✓	✓	✓
BTCEESC 501	Construction Technology and Equipment		✓	✓
BTCEPCC 502	Structure Analysis-I	✓		✓
BTCEPCC 503	Design of Concrete Structures	✓		✓
BTCEPCC 504	Geotechnical Engineering	✓	✓	✓
BTCEPCC 505	Water Resource Engineering	✓	✓	✓
BTCEPEC 506A	Air & Noise Pollution and Control	✓		✓



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BTCEPEC 506C	Town Planning	✓		✓
BTCEPEC 507A	Repair and Rehabilitation of Structures	✓		✓
BTCEPEC 507B	Ground Improvement Techniques	✓		✓
BTCEPCC 508	Concrete Structures Design Lab	✓		✓
BTCEPCC509	Geotechnical Engineering Lab	✓	✓	✓
BTCEPCC 510	Water Resources Engineering Design Lab	✓	✓	✓
BTCEPSIT 511	Industrial Training	✓		✓
BTCEESC 601	Wind & Seismic Analysis	✓		✓
BTCEPCC 602	Structural Analysis-II	✓	✓	✓
BTCEPCC 603	Environmental Engineering	✓	✓	✓
BTCEPCC 604	Design of Steel Structures	✓		✓
BTCEPCC 605	Estimating & Costing	✓	✓	✓
BTCEPEC 606B	Solid and Hazardous Waste Management	✓		✓
BTCEPEC 607A	Bridge Engineering	✓		✓
BTCEPCC 608	Environmental Engineering Design and Lab	✓		✓
BTCEPCC 609	Steel Structure Design Lab	✓		✓
BTCEPCC 610	Quantity Surveying and Valuation Lab	✓		✓
BTCEPCC 611	Water and Earth Retaining Structures Design Lab	✓		✓
BTCEPCC 612	Foundation Design Lab	✓		✓
BTCEPCC701	Transportation Engineering	✓		✓
BTCEPEC702B	Environmental Engineering and Disaster Management	✓		✓
BTCEPEC702C	Non Destructive Testing	✓		✓
BTCEPCC703	Road Material Testing Lab	✓		✓
BTCEPCC704	Professional Practices & Field Engineering Lab		✓	✓
BTCEPCC705	Soft Skill Lab			✓
BTCEPCC706	Environmental Monitoring And Design Lab			✓
BTCEPSIT707	Practical Training	✓		✓
BTCEPCC708	Seminar	✓		✓
BTCEPCC801	Project Planning and Construction Management	✓		✓
BTCEPEC802B	Waste And By Product Utilization	✓		✓
BTCEPCC803	Project Planning and Construction Management lab	✓		✓
BTCEPCC804	Pavement Design	✓		✓
BTCEPSIT805	Project			✓
				✓



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<b>2019-20</b>				
BTBSC 101	Engineering Mathematics-I	✓	✓	✓
BTBSC 102	Engineering Physics	✓	✓	✓
BTHSMC 103	Communication Skills	✓	✓	✓
BTESC 104	Programming for Problem Solving	✓		✓
BTESC 105A	Basic Electrical Engineering	✓		✓
BTESC 105B	Basic Civil Engineering	✓		✓
BTBSC 106	Engineering Physics Lab	✓		✓
BTHSMC 107	Language Lab	✓	✓	✓
BTESC 108	Computer Programming Lab	✓	✓	✓
BTESC109A	Basic Electrical Engineering Lab	✓	✓	✓
BTESC109B	Basic Civil Engineering Lab	✓	✓	✓
BTBSC 201	Engineering Mathematics-II			✓
BTBSC 202	Engineering Chemistry		✓	✓
BTHSMC 203	Human Values			✓
BTESC 204	Basic Mechanical Engineering	✓	✓	✓
BTESC205A	Basic Electrical Engineering	✓		✓
BTESC205B	Basic Civil Engineering	✓		✓
BTHSMC 206	Advanced English			✓
BTBSC 207	Engineering Chemistry Lab	✓	✓	✓
BTHSMC 208	Human Values Activities			✓
BTESC 209	Manufacturing Practices Workshop		✓	✓
BTESC210A	Basic Electrical Engineering Lab	✓		✓
BTESC 210B	Basic Civil Engineering Lab	✓		✓
BTMEESC303	Engineering Mechanics		✓	✓
BTMEPCC304	Engineering Thermodynamics	✓		✓
BTMEPCC305	Materials Science and Engineering	✓		
BTMEPCC306	Mechanics of Solids	✓		✓
BTMEPCC307	Machine drawing practice	✓		✓
BTMEPCC308	Materials Testing Lab	✓		✓
BTMEPCC309	Basic Mechanical Engineering Lab			✓
BTMEPSIT311	Industrial Training/ Seminar	✓	✓	✓
BTMEPCC404	Fluid Mechanics & Fluid Machines	✓	✓	✓
BTMEPCC405	Manufacturing Processes	✓	✓	✓
BTMEPCC406	Theory Of Machines			✓
BTMEPCC407	Digital Electronics Lab	✓		
BTMEPCC408	Fluid Mechanics Lab	✓	✓	✓
BTMEPCC409	Production Practice Lab	✓	✓	✓
BTMEPCC410	Theory Of Machine Lab			✓
BTMEPCC502	Heat Transfer	✓	✓	
BTMEPCC503	Manufacturing Technology	✓	✓	✓
BTMEPCC505	Principles Of Management			✓
BTMEPCC506.A	Steam Engineering	✓		✓



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BTMEPCC506.B	Automobile Engineering	✓	✓	✓
BTMEPCC506.C	Non Destructive Evaluation & Testing		✓	
BTMEPCC507	Mechatronics Lab	✓	✓	
BTMEPCC508	Heat Transfer Lab	✓	✓	✓
BTMEPCC509	Production Engineering Lab	✓	✓	✓
BTMEPSIT511	Industrial Training/ Seminar	✓		✓
BTMEPCC601	Measurement & Metrology			✓
BTMEPCC602	Computer Integrated Manufacturing Systems		✓	✓
BTMEPCC603	Mechanical Vibrations			✓
BTMEPCC605	Quality Management		✓	✓
BTMPCCE606.A	Refrigeration & Air Conditioning	✓	✓	✓
BTMEPCC606.B	Non Conventional Machining Methods	✓		
BTMEPCC607	CIMS Lab		✓	✓
BTMEPCC608	Vibration Lab			✓
BTMEPCC610	Thermal Engineering Lab			✓
BTMEPSIT611	Industrial Training/ Seminar	✓	✓	✓
BTMEPEC701.A	I.C. Engines	✓		✓
BTMEPEC701.B	Operation Research		✓	✓
BTMEPEC701.C	Turbomachines			✓
BTMEOEC702.A	Non Destructive System		✓	
BTMEOEC702.B	Environmental Engineering and Disaster Management	✓		✓
BTMEOEC702.C	Power Generation Sources	✓	✓	✓
BTMEPCC703	FEA Lab		✓	✓
BTMEPCC704	Thermal Engineering Lab-II			✓
BTMEPCC705	Quality Control Lab		✓	✓
BTMEPSIT706	Industrial Training	✓		✓
BTMEPSIT707	Seminar			✓
BTMEPEC801.A	Additive Manufacturing	✓	✓	✓
BTMEPEC801.B	Supply and Operations Management	✓		✓
BTMEOEC802.A	Finite Elements Methods			✓
BTMEOEC802.B	Energy Management	✓	✓	
BTMEOEC802.C	Waste and By-product Utilization	✓		✓
BTMEPCC803	Industrial Engineering Lab		✓	✓
BTMEPSIT805	Project	✓	✓	✓



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Course Code	Course	Employability	Entrepreneurship	Skill Development
<b>2019-20</b>				
BTBSC 101	Engineering Mathematics-I	✓	✓	✓
BTBSC 102	Engineering Physics	✓	✓	✓
BTHSMC 103	Communication Skills	✓	✓	✓
BTESC 104	Programming for Problem Solving	✓		✓
BTESC 105A	Basic Electrical Engineering	✓		✓
BTESC 105B	Basic Civil Engineering	✓		✓
BTBSC 106	Engineering Physics Lab	✓		✓
BTHSMC 107	Language Lab	✓	✓	✓
BTESC 108	Computer Programming Lab	✓	✓	✓
BTESC109A	Basic Electrical Engineering Lab	✓	✓	✓
BTESC109B	Basic Civil Engineering Lab	✓	✓	✓
BTBSC 201	Engineering Mathematics-II			✓
BTBSC 202	Engineering Chemistry		✓	✓
BTHSMC 203	Human Values			✓
BTESC 204	Basic Mechanical Engineering	✓	✓	✓
BTESC205A	Basic Electrical Engineering	✓		✓
BTESC205B	Basic Civil Engineering	✓		✓
BTHSMC 206	Advanced English			✓
BTBSC 207	Engineering Chemistry Lab	✓	✓	✓
BTHSMC 208	Human Values Activities			✓
BTESC 209	Manufacturing Practices Workshop		✓	✓
BTESC210A	Basic Electrical Engineering Lab	✓		✓
BTESC 210B	Basic Civil Engineering Lab	✓		✓
BTEEBSC301	Advance Mathematics	✓		
BTEEHSMC302	Managerial Economics and Financial Accounting	✓	✓	✓
BTEEESC303	Power generation Process	✓	✓	✓
BTEEPCC304	Electrical Circuit Analysis	✓		
BTEEPCC306	Electrical Machine-I	✓		
BTEEPCC 307	Electromagnetic Field	✓	✓	✓
BTEEPCC308	Analog Electronics Lab	✓	✓	✓
BTEEPCC309	Electrical Machine-I Lab	✓	✓	✓
BTEEPCC310	Electrical Circuit Design Lab	✓	✓	✓
BTEEPSIT311	Industrial Training / Seminar	✓	✓	✓
BTEEHSMC402	Technical Communication			✓
BTEE ESC 403	Electronic Measurement & Instrumentation	✓	✓	
BTEE PCC 404	Electrical Machine-II	✓		
BTEE PCC 405	Power Electronics	✓		
BTEE PCC 406	Signals & Systems	✓		
BTEE PCC 407	Digital Electronics	✓		
BTEE PCC 408	Electrical Machine-II Lab	✓	✓	✓
BTEE PCC 409	Power Electronics Lab	✓	✓	✓



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BTEE PCC 410	Digital Electronics Lab	✓	✓	✓
BTEE PCC 411	Measurement Lab	✓	✓	✓
BTEEESC 501	Electrical Materials	✓	✓	✓
BTEEPCC502	Power System – I	✓		
BTEEPCC503	Control System	✓		
BTEEPCC 504	Microprocessor	✓		✓
BTEEPCC505	Electrical Machine Design	✓	✓	✓
BTEEPEC506A	Restructured Power System	✓		
BTEEPEC506B	Electromagnetic Wave	✓		
BTEEPEC506C	Digital Control System	✓		
BTEEPCC 507	Power System-I Lab	✓		
BTEEPCC508	Control System Lab	✓		
BTEEPCC509	Microprocessor Lab	✓		✓
BTEEPCC510	System Programming Lab	✓	✓	✓
BTEEPSIT511	Industrial Training	✓	✓	✓
BTEEESC601	Computer Architecture	✓	✓	✓
BTEEPCC602	Power System-II	✓	✓	✓
BTEEPCC603	Power System Protection	✓	✓	
BTEEPCC604	Electrical Energy Conversion and Auditing	✓	✓	✓
BTEEPCC605	Electric Drives	✓		
BTEEPCC607	Power System-II Lab	✓		
BTEEPCC608	Electric Drives Lab	✓		
BTEEPCC609	Power System Protection Lab	✓		
BTEEPCC610	Modelling and Simulation Lab	✓		✓
BTEEPEC701A	Wind & Solar Energy Systems.	✓	✓	
BTEEPEC701B	Power Quality and FACTS	✓	✓	
BTEEPEC701C	Control System Design	✓	✓	
BTEEPCC703	Embedded System Lab	✓	✓	
BTEEPCC704	Advanced Control System Lab			✓
BTEEPSIT705	Industrial Training	✓	✓	✓
BTEEPSIT706	Seminar			✓
BTEEPEC801A	HVDC Transmission System	✓		✓
BTEEPEC801B	Line Commutated & Active Rectifiers	✓		✓
BTEEPEC801C	Advanced Electric Drives.	✓		✓
BTEEOEC802A	Electrical & Electronic Ceramics	✓	✓	✓
BTEEOEC802B	Robotics and Control	✓	✓	✓
BTEEOEC802C	Composite Materials	✓	✓	✓
BTEEPCC803	Energy System Lab	✓	✓	✓
BTEEPSIT804	Project	✓	✓	✓



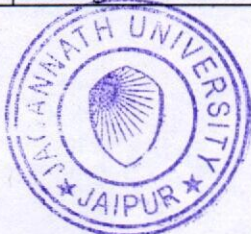
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Mapping of courses to employability/ entrepreneurship/ skill development

2019-20				
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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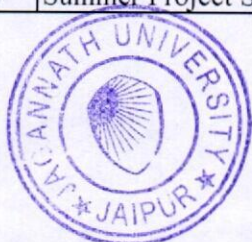
5JAR9	Computer Application in Architecture-III	√	√	√
5JAR10.1	Elective-I - Interior Design	√	√	√
5JAR10.2	Elective-I - History of Rajasthan Art	√	√	√
5JAR12	Landscape and site planning	√	√	√
6JAR1	History of Architecture-IV	√		
6JAR2	Building services-II (Electrical Services)	√	√	√
6JAR3	Construction 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
<b>2019-20</b>				
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	√	√	√



  
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BCA 510	Industrial Visit	√	√	√
BCA 601	Advance Computer Networks			√
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
<b>2019-20</b>				
B.Ed.101	Childhood and Growing up			√
B.Ed.102	Contemporary India and Education	√		
B.Ed.105	Creating an Inclusive school	√		
B.Ed.106	Reading and reflecting on text			√
B.Ed.201	Learning and Teaching			√
B.Ed.203	Pedagogy of school subject (Part-I)	√		
B.Ed.302	Knowledge and curriculum part-2			√
B.ED.303.2	Guidance & Counselling		√	
B.ED.303.4	Health & Physical Education	√		
B.Ed.305	Critical understanding of ICT			√
B.Ed.402	Understanding the self			√
B.ED.403	School internship	√		



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Mapping of courses to employability/ entrepreneurship/ skill development  
(2019-2020)

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
BPT 101	Human Anatomy	√		√
BPT 102	Human Physiology	√		√
BPT 103A	Bio chemistry	√		
BPT 103(B)	Environmental science			√
BPT 104	sociology		√	√
BPT 105	General and clinical psychology	√		√
BPT 106	basic principles in physiotherapy	√	√	√
BPT 107	english communication			√
BPT 201	Pathology & microbiology			√
BPT 202	pharmacology		√	
BPT 203	Bio-Mechanics	√	√	√
BPT 204	Exercise Therapy	√	√	√
BPT 206(A)	Ethics and Law In Physiotherapy			√
BPT 205	Electrotherapy	√	√	√
BPT 206(B)	Computer science			
BPT 301	General medicine		√	√
BPT 302	General Surgery And Obstetrics & Gyanecology			√
BPT 303	Clinical Orthopedics	√		√
BPT 304	Clinical Neurology & Paediatrics	√		√
BPT 305	Research methodology & biostatistics		√	
BPT 306 (A)	Community medicine			√
BPT 306(B)	Bioengineering			√
BPT 307	Supervised Clinical Training	√	√	√
BPT 401	Physiotherapy In Orthopedic Conditions	√	√	√
BPT 402	Physiotherapy In Neurological Conditions	√	√	√
BPT 403	Physiotherapy In General Medicine &Surgery	√	√	√
BPT 404	Physiotherapy In Cardio-Thoracic Conditions	√	√	√
BPT 405(A)	Rationale of Rehabilitation		√	√
BPT 405(B)	first aid		√	√
BPT 406	minor project & clinical training	√	√	√



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2019-20				
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	Fundamentals of Logistics	✓	✓	✓
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

2019-20

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 and Applied Mathematics	✓		✓
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	✓	✓	
BSC606C	Nuclear and Particle Physics Lab	✓	✓	
BSC606D	Medical Physics Lab	✓	✓	



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**Mapping of Courses to Employability/ Entrepreneurship/ Skill Development**

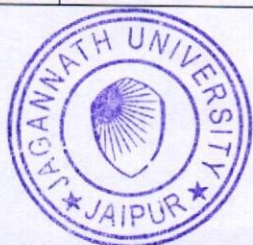
2019-20

course code	Course title	Employability	Entrepreneurship	Skill development
AG 101	Fundamentals of Horticulture	✓		✓
AG 102	Fundamentals of Plant Biochemistry and Biotechnology			✓
AG 103	Fundamentals of Soil Science			✓
AG 104	Introduction to Forestry			✓
AG 105	Comprehension & Communication Skills in English			✓
AG 106	Fundamentals of Agronomy	✓		✓
AG 107B	Elementary Mathematics*			✓
AG 108	Agricultural Heritage	✓		✓
AG 109	Rural Sociology & Educational Psychology		✓	✓
AG 110	Human values and Ethics (Non Gradial)**			✓
AG 111	NSS/NCC/Physical Education & Yoga Practices(Non Gradial)**			✓
AG 201	Fundamentals of Genetics			✓
AG 202	Agricultural Microbiology		✓	✓
AG 203	Introductory Soil and Water Conservation Engineering		✓	✓
AG 205	Fundamentals of Agricultural Economics	✓	✓	✓
AG 206	Fundamentals of Plant Pathology	✓		✓
AG 207	Fundamentals of Entomology	✓	✓	✓
AG 208	Fundamentals of Agricultural Extension Education	✓	✓	✓
AG 209	Communication Skills and Personality Development			✓
AG 301	Crop Production Technology – I (Kharif crops)	✓	✓	✓
AG 302	Fundamentals of Plant Breeding	✓		✓
AG 303	Agricultural Finance and Co-Operation	✓	✓	✓
AG 304	Agricultural Informatics	✓		
AG 305	Farm Machinery and Power	✓	✓	✓
AG 306	Production Technology for		✓	✓



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	Vegetables and Spices			
AG 307	Environmental Studies and Disaster Management		✓	✓
AG 308	Statistical Methods			✓
AG 309	Livestock and Poultry Management	✓	✓	✓
AG 402	Production Technology for Ornamental Crops, MAP and Landscaping		✓	✓
AG 403	Renewable Energy and Green Technology		✓	✓
AG 404	Problematic soils and their Management			✓
AG 405	Production Technology for Fruit and Plantation Crops		✓	✓
AG 406	Principles of Seed Technology	✓	✓	✓
AG 407	Farming System & Sustainable Agriculture			✓
AG 408	Agricultural Marketing, Trade & Prices	✓	✓	✓
AG 409	Introductory Agrometeorology & Climate change			✓
AG 410A	Protected Cultivation	✓		✓
AG 410B	Agribusiness Management	✓	✓	✓
AG 410C	Agrochemicals		✓	✓
AG 410D	Commercial Plant Breeding	✓	✓	✓
AG 501	Principles of Integrated Pest and Disease Management	✓	✓	✓
AG 502	Manures, fertilizers and Soil Fertility Management			✓
AG 503	Pests of Crops and Stored Grains and their Management		✓	✓
AG 504	Diseases of Field and Horticultural Crops and their Management-I			✓
AG 505	Crop Improvement-I ( <i>Kharif</i> crops)			✓
AG 506	Entrepreneurship Development and Business Communication	✓	✓	✓
AG 507	Geoinformatics and Nanotechnology and Precision Farming	✓		
AG 508	Practical Crop Production – I ( <i>Kharif</i> crops)	✓	✓	✓
AG 509	Intellectual Property Rights	✓	✓	✓



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AG 510A	Agricultural Journalism		✓	✓
AG 510B	Landscaping	✓		✓
AG 510C	Food Safety and Standards		✓	✓
AG 510D	Biopesticides & Biofertilizers	✓	✓	✓
AG 601	Rainfed Agriculture & Watershed Management	✓		✓
AG 602	Protected Cultivation and Secondary Agriculture		✓	✓
AG 603	Diseases of Field and Horticultural Crops and their Management-II			✓
AG 604	Post-Harvest Management and Value Addition of Fruits and Vegetables	✓	✓	✓
AG 605	Management of Beneficial Insects	✓	✓	✓
AG 606	Crop Improvement-II ( <i>Rabi crops</i> )			✓
AG 607	Practical Crop Production – II ( <i>Rabi crops</i> )			✓
AG 608	Principles of Organic Farming	✓		✓
AG 609	Farm Management, Production & Resource Economics	✓	✓	✓
AG 610	Principles of Food Science & Nutrition		✓	✓
AG 611A	Weed Management			✓
AG 611B	Micro Propagation Technologies			✓
AG 611C	Hi-Tech Horticulture	✓		✓
AG 701	General Orientation & on campus training by different faculties			✓
AG 702	Village attachment and Swachh Bharat Abhiyan Activities			✓
AG 703	Unit attachment in University/College. KVK/Research Station	✓	✓	✓
AG 704	Plant Clinic	✓	✓	✓
AG 705	Agro-Industrial Attachment	✓	✓	✓
AG 706	Project Report Preparation, Presentation and Evaluation			✓
AG 801	Production Technology for Bioagents and Biofertilizer	✓	✓	✓
AG 802	Seed Production and Technology	✓	✓	✓
AG 803	Mushroom Cultivation Technology	✓	✓	✓
AG 804	Soil, Plant, Water and Seed Testing			✓
AG 805	Commercial Beekeeping	✓	✓	✓
AG 806	Poultry Production Technology	✓	✓	✓



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AG 807	Commercial Horticulture	✓		✓
AG 808	Floriculture and Landscaping			✓
AG 809	Food Processing	✓	✓	✓
AG 810	Agriculture Waste Management	✓	✓	✓
AG 811	Organic Production Technology	✓	✓	✓
AG 812	Commercial Sericulture	✓	✓	✓
AG 813	Agri Business Management			✓
AG 814	Agro-Advisory Services	✓		
AG 815	Nursery Management	✓	✓	✓



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	Course Name	Employability	Entrepreneurship	Skill Development
2019-20				
BA/BBALLB 101	Legal Method			✓
BA/BBALLB 102	Law of Contract-I	✓	✓	
BA/BBALLB 103	Legal English & Communication Skills		✓	✓
BA/BBALLB 201	Law of Contract-II	✓	✓	
BA/BBALLB 202	Law of Torts and Consumer Protection	✓	✓	
BA/BBALLB 301	Family Law-I	✓	✓	
BA/BBALLB 302	Constitutional Law-I	✓	✓	
BA/BBALLB 303	Law of Crimes- I	✓	✓	
BA/BBALLB 401	Family Law-II	✓	✓	
BA/BBALLB 402	Constitutional Law-II	✓	✓	
BA/BBALLB 403	Law of Crimes- II	✓	✓	
BA/BBALLB 404	Administrative Law	✓	✓	
BA/BBALLB 501	Environmental Studies & Environmental Laws		✓	
BA/BBALLB 502	Law of Evidence	✓	✓	
BA/BBALLB 503	Corporate Law		✓	
BA/BBALLB 504	Code of Civil Procedure	✓	✓	
BA/BBALLB 505	Alternative Dispute Resolution (ADR) (Clinical)		✓	
BA/BBALLB 601	Jurisprudence			✓
BA/BBALLB 602	International Law		✓	
BA/BBALLB 603	The Transfer of Property Act, 1882	✓	✓	
BA/BBALLB 604	Investment and Competition Law		✓	
BA/BBALLB 605	Code of Criminal Procedure	✓	✓	
BA/BBALLB 701	Labour Law-I		✓	
BA/BBALLB 702	Tax Law		✓	
BA/BBALLB 703	Law and Emerging Technologies		✓	
BA/BBALLB 704	Human Rights Law	✓	✓	
	<b>Seminar Paper-I</b>			
BA/BBALLB 705A	Banking and Insurance Law	✓	✓	
BA/BBALLB 705B	Telecommunication Law			✓
BA/BBALLB 705C	Women and Law	✓	✓	
BA/BBALLB 705D	Criminology			✓
BA/BBALLB 801	Intellectual Property Rights		✓	
BA/BBALLB 802	Labour Law-II	✓		
BA/BBALLB 803	Interpretation of Statutes			✓
BA/BBALLB 804	International Trade Law	✓		
	<b>Seminal Paper-II</b>			
BA/BBALLB 805A	International Commercial Law	✓		
BA/BBALLB 805B	Election Law	✓		
BA/BBALLB 805C	International Humanitarian Law			✓
BA/BBALLB 805D	Indirect Taxes		✓	
BA/BBALLB 901	Legal Ethics and Court Crafts (Clinical- II)			✓
BA/BBALLB 902	Drafting, Pleading and Conveyance (Clinical- III)		✓	
BA/BBALLB 903	Land and Real Estate Laws	✓	✓	
	<b>Seminar Paper-III</b>			
BA/BBALLB 904A	International Refugee Law			✓
BA/BBALLB 904B	Socio Economic Offences			✓
BA/BBALLB 904C	International Economic Law			✓
BA/BBALLB 904D	Law of International Organizations			✓
	<b>Seminar Paper-IV</b>			



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BA/BBALLB 905A	Private International Law		✓	
BA/BBALLB 905B	Health Care Law		✓	
BA/BBALLB 905C	Comparative Laws			✓
BA/BBALLB 905D	Socio-Legal Dimensions of Gender		✓	
BA/BBALLB 1001	Dissertation and Presentation on Dissertation****			✓
BA/BBALLB 1002	Moot Court Exercise and Internship* ( Lawyers/Law Firms)			✓



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**Mapping of courses to employability/ entrepreneurship/ skill development**

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
<b>2019-20</b>				
MBA101	Computer Application in Business			✓
MBA102	Management Concepts & Business Communication			✓
MBA103	Financial Reporting, Statements and Analysis	✓	✓	✓
MBA104	Marketing Management		✓	
MBA105	Organizational Behavior	✓		✓
MBA106	Business Statistics			✓
MBA107	Managerial Economics		✓	✓
MBA108	Legal and Business Environment		✓	✓
MBA109	Managerial Skills for Effectiveness - I		✓	
MBA201	Indian Economy and Policy		✓	
MBA202	Corporate Finance		✓	
MBA203	Quantitative Techniques			✓
MBA204	Operations Management	✓	✓	
MBA205	Marketing Research			✓
MBA206	Human Resource Management	✓	✓	
MBA207	Entrepreneurship	✓	✓	
MBA208	Indian Ethos and Business Ethics	✓	✓	
MBA209	Managerial Skills for Effectiveness - II		✓	✓
MBA 301	Strategic Management	✓		
MBA 302	Project Management		✓	
MBA 303	Summer Internship	✓	✓	✓
MBAHR-304	Training & Development	✓	✓	
MBAHR 305	Performance Management	✓	✓	
MBAHR-306	Organizational Change & Development			✓
MBAHR-307	Manpower Planning & Control	✓		
MBAHR 403	International HRM			✓
MBAHR 404	Strategic HRM	✓		
MBAHR-405	Employee Relationship Management		✓	
MBAHR-406	Compensation Management	✓	✓	
MBAFM-304	Investment Analysis and Portfolio Management	✓		
MBAFM-305	Income Tax: Theory & Practice			✓
MBAFM-306	Management of Financial Services	✓		
MBAFM-307	Cost & Management Audit		✓	
MBAFM-403	International Financial Management	✓	✓	
MBAFM-404	Merger, Acquisition and Corporate Restructuring			✓
MBAFM-405	Financial Derivatives Management		✓	✓
MBAFM-406	Financial Strategic Decisions	✓	✓	
MBAMKT-304	Retail & Distribution Management	✓		
MBAMKT-305	Marketing of Services			✓
MBAMKT-306	Consumer Behavior		✓	
MBAMKT-307	Integrated Marketing Communication	✓		



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MBAMKT-403	Product and Brand Management	✓		
MBAMKT-404	Digital and Social Media Marketing	✓	✓	
MBAMKT-405	Customer Relationship Management	✓		✓
MBAMKT-406	International Marketing Management	✓	✓	
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-403	IT Consulting	✓	✓	
MBAIT-404	Managing Digital Platforms	✓	✓	
MBAIT-405	Strategic Management of IT	✓	✓	
MBAIT-406	System Analysis and Design	✓		

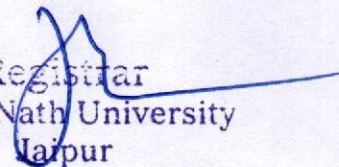


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**Mapping of courses to employability/ entrepreneurship/ skill development  
(2019-2020)**

course code	List of subjects	Employability	Entrepreneurship	Skill Development
MPT 101	Basic medical sciences	√	√	√
MPT 102 (A)	Biomechanics			√
MPT 102 (B)	LASER			√
MPT 103	Physiotherapy Methods	√	√	√
MPT 104	Research methodology & biostatistics			√
MPT 105	basic of exercise physiology & nutrition	√	√	
MPT 106A	Assessment and Evaluation in Neuro-physiotherapy & Physiotherapy in Pediatric Neurology	√	√	√
MPT 106B	Assessment and Evaluation in Musculoskeletal Physiotherapy & Physiotherapy In Non-Traumatic Orthopedic Conditions	√	√	√
MPT 106C	Sports Traumatology1 & Sports Traumatology 2	√	√	√
<b>Specialization in Ortho Physiotherapy</b>				
MPT 203 B	Physiotherapy In Traumatic Orthopedic	√	√	√
MPT 204 B	Physiotherapy In Vertebral Disorders	√	√	√
MPT 205 B	Current Concepts in Ortho Physiotherapy	√	√	√
<b>Specialization in Sports Physiotherapy</b>				
MPT 203 C	Non-Traumatic Medical Conditions of	√	√	√
MPT 204 C	Sports Psychology	√	√	√
MPT 205 C	Current concept of Sports Medicine	√	√	√

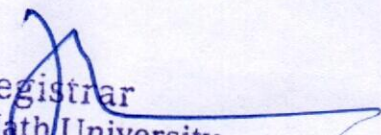


  
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Course Code	Course Name	Employability	Entrepreneurship	Skill Development
2019-20				
LLM 101	Research Methods and Legal Writing			✓
LLM 102	Comparative Public Law			✓
LLM 103	World			✓
LLM 104- A	Company Law	✓	✓	
LLM 105- A	Intellectual Property Law	✓	✓	✓
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	Criminology and Criminal Justice 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
<b>2019-2020</b>				
MTCSCS 101	Mathematical foundations of Computer Science			√
MTCSCS 102	Advanced Data Structures	√		√
MTCSCS 103A	Machine Learning	√	√	√
MTCSCS 103B	Wireless Sensor Networks	√	√	√
MTCSCS 103C	Introduction to Intelligent Systems	√	√	√
MTCSCS 104A	Data Science	√		√
MTCSCS 104B	Distributed Systems	√		√
MTCSCS 104C	Advanced Wireless and Mobile Networks	√		√
MTCSCS 105	Research Methodology and IPR	√	√	√
MTCSCS 107	Advanced Data Structures Lab	√	√	√
MTCSCS 108	Distributed Systems Lab	√	√	√
MTCSCS 201	Information Security System	√	√	√
MTCSCS 202	Soft Computing	√	√	√
MTCSCS 203A	Data Preparation and Analysis	√		√
MTCSCS 203B	Secure Software Design & Enterprise Computing	√		√
MTCSCS 203C	Computer Vision	√		√
MTCSCS 204A	Advanced Communication Network	√		√
MTCSCS 204B	GPU Computing	√		√
MTCSCS 204C	Digital Forensics	√		√
MTCSCS 206	Information Security System Lab	√	√	√
MTCSCS 207	Advanced Communication Network Lab	√	√	√
MTCSCS 208	Mini Project with Seminar	√	√	√
MTCSCS 301A	Mobile Applications and Services	√		√
MTCSCS 301B	Compiler for HPC	√		√
MTCSCS 301C	Optimization Techniques	√		√
MTCSCS 302A	Business Analytics	√	√	√
MTCSCS 302B	Industrial Safety	√	√	√
MTCSCS 302C	Operations Research	√	√	√
MTCSCS 302D	Cost Management of Engineering Projects	√	√	√
MTCSCS 302E	Composite Materials	√	√	√
MTCSCS 302F	Waste to Energy	√	√	√
MTCSCS 303	Dissertation-I /Industrial Project	√	√	√
MTCSCS 401	Dissertation II	√	√	√



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Course code	Course	Employability	Entrepreneurship	Skill development
<b>2019-20</b>				
MTCEEV/TE/SE101	Energy & Environment / Traffic Engineering-I / Advanced Structural Analysis	✓		✓
MTCEEV/TE/SE102	Advanced Waste Water Treatment Technology / Highway Materials / Advanced Solid Mechanics	✓	✓	✓
MTCEEV/TE/SE103A	Advanced Water Treatment Technology / Pavement analysis and Design / Theory of Thin Plates and Shells	✓		✓
MTCEEV/TE/SE103B	Theory and Applications of Cement Composites / Statistical and Mathematical Techniques	✓		✓
MTCEEV/TE/SE103C	Environmental Geo Technology / Transportation Planning / Theory of Structural Stability	✓		✓
MTCEEV/TE/SE104A	Noise and Thermal Pollution / Ground Improvement Techniques / Analytical and Numerical Methods for Structural Engineering	✓	✓	✓
MTCEEV/TE/SE104B	Environmental Hydraulics / Intelligent Transportation system / Structural Health Monitoring	✓		✓
MTCEEV/TE/SE104C	Environmental Chemistry & Microbiology / Pavement Maintenance System / Seismic Design of Structures	✓		✓
MTCEEV/TE/SE107	Advanced Water Treatment Lab / Ground Improvement Techniques Lab / Structural Design Lab		✓	✓
MTCEEV/TE/SE108	Sanitation Engineering lab / Pavement analysis and Design Lab/Advanced Concrete Lab / Advanced Concrete Lab	✓	✓	✓
MTCEEV/TE/SE201	Environmental Policies & Legislation / Traffic Engineering II / FEM in Structural Engineering	✓		✓
MTCEEV/TE/SE202	Environment Impact Assessment & Auditing / Urban Transportation Planning / Structural Dynamics	✓		✓
MTCEEV/TE/SE203A	Solid Waste Management / Highway Geometric Design / Advanced Steel Design	✓	✓	✓
MTCEEV/TE/SE203B	Hydrology And Applied Hydraulics / Highway Construction / Design of Formwork	✓		✓



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MTCEEV/TE /SE203C	Indoor Air Quality / GIS Application in Transportation Engineering / Design of High Rise Structures	✓		✓
MTCEEV/TE /SE203D	Design of Masonry Structures	✓		✓
MTCEEV/TE /SE204A	Industrial Waste Treatment / Bridge Engineering / Design of Advanced Concrete Structures	✓	✓	✓
MTCEEV/TE /SE204B	Hazardous Waste Treatment / Transportation Facility Design / Advanced Design of Foundations	✓		✓
MTCEEV/TE /SE204C	Ground Water Pollution / Quantitative techniques for transportation engineering / Soil Structure Interaction	✓		✓
MTCEEV/TE /SE204D	Design of Industrial Structure	✓		✓
MTCEEV/TE /SE206	Industrial Waste Treatment Lab / Highway Material Testing Lab / Model Testing Lab	✓	✓	✓
MTCEEV/TE /SE207	Air Quality Testing Lab / CAD in Transportation Engineering / Numerical Analysis Lab	✓	✓	✓
MTCEEV/TE /SE208	Mini Project with Seminar			✓
/SE301A	Management System / Design of	✓		✓
MTCEEV/TE /SE301B	Environmental Aspects of Industries / Mass transit system planning / Analysis of Laminated Composite Plates	✓		✓
MTCEEV/TE /SE301C	Environment & Health / Traffic Flow Theory / Fracture Mechanics of Concrete Structures	✓		✓
MTCEEV/TE /SE301D	Design of Plates and Shells	✓		✓
MTCEEV/TE /SE302A	Business Analytics	✓	✓	✓
MTCEEV/TE /SE302B	Industrial Safety	✓		✓
MTCEEV/TE /SE302C	Operations Research	✓		✓
MTCEEV/TE /SE302D	Cost Management of Engineering Projects	✓		✓
MTCEEV/TE /SE302E	Composite Materials	✓		✓
MTCEEV/TE /SE302F	Waste to Energy	✓	✓	✓
MTCEEV/TE /SE303	Dissertation-I /Industrial Project			✓



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MTCEEV/TE /SE401	Dissertation-II			✓
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Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2019-20				
MTMEPE101	Computer aided process planning	✓		✓
MTMEPE102	Quality Management Systems		✓	
MTMEPE103A	Ergonomics and Work System Design		✓	✓
MTMEPE103B	Energy Management	✓	✓	
MTMEPE103C	Machine tool design	✓	✓	✓
MTMEPE104A	Lean Manufacturing	✓		✓
MTMEPE104B	Product Engineering	✓	✓	✓
MTMEPE104C	Mechatronics	✓	✓	
MTMEPE 105	Research Methodology and IPR	✓		
MTMEPE107	Ergonomics and Work System Design Lab		✓	✓
MTMEPE108	Manufacturing Lab		✓	
MTMEPE 201	Enterprise Resource Planning	✓		✓
MTMEPE 202	CNC Technology & Programming	✓	✓	✓
MTMEPE 203A	Reliability, Maintenance Management & Safety			✓
MTMEPE 203B	Cryogenic Systems	✓	✓	✓
MTMEPE 203C	Inventory management	✓	✓	
MTMEPE 204A	Cellular manufacturing systems	✓		✓
MTMEPE 204B	Concurrent Engineering		✓	✓
MTMEPE 204C	Robotics	✓	✓	✓
MTMEPE 206	CNC Technology Lab	✓	✓	✓
MTMEPE 207	Robotics Lab		✓	
MTMEPE 208	Mini Project with Seminar	✓		✓
MTMEPE 301A	Automated material handling systems	✓	✓	✓
MTMEPE 301B	Supply chain practice & procedure			✓
MTMEPE 302A	Business Analytics	✓	✓	✓
MTMEPE 302B	Industrial Safety	✓	✓	
MTMEPE 302C	Operations Research	✓		✓
MTMEPE 302D	Cost Management of Engineering Projects		✓	✓
MTMEPE 302E	Composite Materials	✓	✓	✓
MTMEPE 302F	Waste to Energy	✓	✓	✓
MTMEPE 303	Dissertation-I /Industrial Project	✓	✓	
MTMEPE 401	Dissertation II	✓	✓	✓



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Course Code	Course	Employability	Entrepreneurship	Skill Development
2019-2020				
MTEEPS101	Advanced Power System Analysis	√		
MTEEPS102	Power System Dynamics-I	√		√
MTEEPS103A	Renewable Energy System	√	√	√
MTEEPS103B	Smart Grids	√	√	√
MTEEPS103C	High Power Converters	√	√	√
MTEEPS103D	Wind and Solar Systems	√	√	√
MTEEPS104A	Electrical Power Distribution System	√	√	√
MTEEPS104B	Mathematical Methods for Power Engineering	√	√	√
MTEEPS104C	Pulse Width Modulation for PE Converters	√	√	√
MTEEPS104D	Electric and Hybrid Vehicles	√	√	√
MTEEPS105	Research Methodology and IPR	√	√	√
MTEEPS107	Power System Steady State Analysis Lab	√		
MTEEPS108	Renewable Energy Lab	√		√
MTEEPS201	Digital Protection of Power System	√		√
MTEEPS202	Power System Dynamics-II	√		
MTEEPS203A	Restructured Power Systems	√	√	√
MTEEPS203B	Advanced Digital Signal Processing	√	√	√
MTEEPS203C	Dynamics of Electrical Machines	√	√	√
MTEEPS203D	Power Apparatus Design	√	√	√
MTEEPS204A	Advanced Micro-Controller Based Systems	√	√	√
MTEEPS204B	SCADA System and Applications	√	√	√
MTEEPS204C	Power Quality	√	√	√
MTEEPS203D	AI Techniques	√	√	√
MTEEPS206	Power System Protection Lab	√		
MTEEPS207	Application to Power System Lab	√	√	√
MTEEPS208	Mini Project with Seminar	√	√	√
MTEEPS301A	Power System Transients	√	√	
MTEEPS301B	FACTS and Custom Power Devices	√	√	
MTEEPS301C	Industrial Load Modeling and Control	√	√	



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MTEEPS301D	Dynamics Of Linear Systems	√	√	
MTEEPS 302A	Business Analytics	√	√	√
MTEEPS302B	Industrial Safety	√	√	√
MTEEPS302C	Operations Research	√	√	√
MTEEPS 302D	Cost Management of Engineering Projects	√	√	√
MTEEPS302E	Composite Materials	√	√	√
MTEEPS302F	Waste to Energy	√	√	√
MTEEPS303	Dissertation-I /Industrial Project	√	√	√
MTEEPS 401	Dissertation	√	√	√



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Mapping of courses to employability/ entrepreneurship/ skill development

Course Code	List of Subjects	Employability	Entrepreneurship	Skill Development
2019-20				
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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