

**DEPARTMENT OF MANAGEMENT STUDIES
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

Program Code : **XXX Executive Master of Business Administration**
 Department : **Department of Management Studies**
 Year : **I**

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Term-I									
1.	BMC-501E	Principles and Practice of Management	PCC	1.5	3	0	0	2	0
2.	BMC-503E	Financial Accounting	PCC	2.0	3	1	0	3	0
3.	BMC-504E	Marketing Management-1	PCC	1.5	3	0	0	2	0
4.	BMC-505E	Business Statistics	PCC	2.0	2	0	2	2	0
5.	BMC-506E	IT and Organisation	PCC	1.5	3	0	0	2	0
6.	BMC-515E	Operations Research	PCC	1.5	2	1	0	2	0
		Total		10.0					
Term-II									
1.	BMC-502E	Managerial Economics	PCC	2.0	4	0	0	3	0
2.	BMC-508E	Marketing Management-2	PCC	1.5	3	0	0	2	0
3.	BMC-509E	Organisational Behaviour	PCC	1.5	3	0	0	2	0
4.	BMC-510E	Management Accounting	PCC	2.0	3	1	0	3	0
5.	BMC-511E	Production and Operations Management-1	PCC	1.5	3	0	0	2	0
6.	BMC-524E	Innovation and Entrepreneurship	PCC	1.5	3	0	0	2	0
		Total		10.0					

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Term-III									
1.	BMC-512E	Business Environment	PCC	1.5	2	1	0	2	0
2.	BMC-513E	Production and Operations Management-2	PCC	1.5	3	0	0	2	0
3.	BMC-514E	Financial Management	PCC	2.0	3	1	0	3	0
4.	BMC-516E	Digital Transformation	PCC	1.5	3	0	0	2	0
5.	BMC-517E	Strategic Management-1	PCC	2.0	4	0	0	3	0
6.	BMC-520E	Business Research Methods	PCC	1.5	2	1	0	2	0
		Total		10.0					
Term-IV									
1.	BMC-518E	Strategic Management-2	PCC	1.5	3	0	0	2	0
2.	BMC-519E	Human Resource Management	PCC	1.5	3	0	0	2	0
3.	BMC-521E	Data Science for Managers	PCC	1.5	0	0	3	0	2
4.	BMC-525E	Sustainable Development Goals	PCC	1.5	3	0	0	2	0
5.	BMC-526E	Product Management Strategies	PCC	1.5	3	0	0	2	0
6.		Program Elective-I*	PEC	1.5	-	-	-	-	-
		Total		9.0					

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S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Term-V									
1.	BMC-527E	Capstone Project	Project	2.0	0	0	6	-	-
2.	BMC-700E	Seminar	SEM	2.0	-	-	-	-	-
3.		Program Elective-II*	PPI	1.5	-	-	-	-	-
4.		Program Elective-III*	PPI	1.5	-	-	-	-	-
5.		Program Elective-IV*	PPI	1.5	-	-	-	-	-
6.		Program Elective-V*	PPI	1.5	-	-	-	-	-
		Total		10.0					
Term-VI									
1.		Program Elective-VI	PPI	1.5	-	-	-	-	-
2.		Program Elective-VII	PPI	1.5	-	-	-	-	-
3.		Program Elective-VIII	PPI	1.5	-	-	-	-	-
4.		Program Elective-IX	PPI	1.5	-	-	-	-	-
5.		Program Elective-X	PPI	1.5	-	-	-	-	-
6.		Program Elective-XI	PPI	1.5	-	-	-	-	-
		Total		9.0					

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S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Term-VII									
1.		Program Elective-XII	PEC	1.5	-	-	-	-	-
2.		Program Elective-XIII	PEC	1.5	-	-	-	-	-
3.		Program Elective-XIV	PEC	1.5	-	-	-	-	-
4.		Program Elective-XV	PEC	1.5	-	-	-	-	-
5.		Program Elective-XVI	PEC	1.5	-	-	-	-	-
6.		Program Elective-XVII	PEC	1.5	-	-	-	-	-
		Total		9.0					
Term-VIII									
1.	BMC-601E	Project	Project	6.0	-	-	-	-	-
		Total		6.0					
		Grand Total		73.0					

***Students can register a PEC only if they have passed or registered for all the PCCs offered in that current term.**

- Award of specialisation: A student must earn 10 credits for a specialisation.
- Credit requirements for the specialisation will be completed using PECs/ **Seminar**/ 8th term Project.

All the electives available in regular MBA basket will also be available in EMBA.

Delivery of subjects will be a mix of recorded Videos and Live Classes. The total content of the subject will be recorded and live classes will be held during the term.

1.5 credit - Recorded Video 6 hrs +4 live sessions of 1.5 hrs each

2.0 Credit - Recorded video of 7 hrs + 6 live sessions of 1.5 hrs each

Executive Master of Business Administration
Program Elective Courses

Open Electives

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-501E	Knowledge Management	PEC	1.5	3	0	0	2	-
2.	BML-502E	Entrepreneurship Development	PEC	1.5	3	0	0	2	-
3.	BML-503E	Industrial Waste Management	PEC	1.5	3	0	0	2	-
4.	BML-504E	Management of Large Systems	PEC	1.5	3	0	0	2	-
5.	BML-505E	Environment Management	PEC	1.5	3	0	0	2	-
6.	BML-506E	Advanced Optimization Techniques for Management	PEC	1.5	3	0	0	2	-
7.	BML-507E	Basics of Management of Information	PEC	1.5	3	0	0	2	-
8.	BML-508E	Soft Computing Techniques for Management	PEC	1.5	3	0	0	2	-
9.	BML-509E	Technology Management	PEC	1.5	3	0	0	2	-

Executive Master of Business Administration
Program Elective Courses

Specialization Electives

(1) Human Resource Management

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-511E	Human Resource Planning and Development	PEC	1.5	3	0	0	2	-
2.	BML-512E	Organisational Development	PEC	1.5	3	0	0	2	-
3.	BML-513E	Labour Legislation and Industrial Relations	PEC	1.5	3	0	0	2	-
4.	BML-514E	Career Planning and Performance Management	PEC	1.5	3	0	0	2	-
5.	BML-515E	Training and Talent Development	PEC	1.5	3	0	0	2	-
6.	BML-516E	Competency Management	PEC	1.5	3	0	0	2	-
7.	BML-517E	Management of Change	PEC	1.5	3	0	0	2	-
8.	BML-518E	Managing Innovation and Creativity	PEC	1.5	3	0	0	2	-
9.	BML-519E	Management of Self and Interpersonal Dynamics	PEC	1.5	3	0	0	2	-
10.	BML-520E	Strategic Human Resource Management	PEC	1.5	3	0	0	2	-
11.	BML-521E	Human Resource Analytics	PEC	1.5	3	0	0	2	-
12.	BML-522E	Training of Trainers	PEC	1.5	3	0	0	2	-
13.	BML-523E	Leadership and Team Management	PEC	1.5	3	0	0	2	-
14.	BML-524E	Talent Acquisition and Management	PEC	1.5	3	0	0	2	-
15.	BML-525E	Future of Work	PEC	1.5	3	0	0	2	-
16.	BML-526E	Managing Workforce Diversity	PEC	1.5	3	0	0	2	-

Executive Master of Business Administration
Program Elective Courses

(2) Operations

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-527E	Manufacturing Strategy	PEC	1.5	3	0	0	2	-
2.	BML-528E	Service Operations Management	PEC	1.5	3	0	0	2	-
3.	BML-529E	Supply Chain Management	PEC	1.5	3	0	0	2	-
4.	BML-530E	Supply Chain Analytics	PEC	1.5	3	0	0	2	-
5.	BML-531E	Operations Analytics	PEC	1.5	3	0	0	2	-
6.	BML-532E	Project Management	PEC	1.5	3	0	0	2	-
7.	BML-533E	Essential AI for Managers	PEC	1.5	3	0	0	2	-
8.	BML-534E	Advanced AI for Managers	PEC	1.5	3	0	0	2	-
9.	BML-535E	Game Theory for Strategic Advantage	PEC	1.5	3	0	0	2	-
10.	BML-536E	Quality Management	PEC	1.5	3	0	0	2	-
11.	BML-537E	Queuing Systems and Simulation	PEC	1.5	3	0	0	2	-
12.	BML-538E	Advanced Quality Management	PEC	1.5	3	0	0	2	-
13.	BML-539E	Case Studies in Application of Decision Models	PEC	1.5	3	0	0	2	-
14.	BML-540E	Circular Supply Chain for Sustainability	PEC	1.5	3	0	0	2	-
15.	BML-541E	Industrial Internet of Things for Managers	PEC	1.5	3	0	0	2	-
16.	BML-542E	Spreadsheet Modelling	PEC	1.5	3	0	0	2	-
17.	BML-543E	Business Analytics	PEC	1.5	3	0	0	2	-
18.	BML-544E	Logistics Management	PEC	1.5	3	0	0	2	-
19.	BML-545E	Logistics Analytics	PEC	1.5	3	0	0	2	-

Executive Master of Business Administration
Program Elective Courses

(3) Information Technology

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-546E	Management of Information Technology	PEC	1.5	3	0	0	2	-
2.	BML-547E	Enterprise Business Applications	PEC	1.5	3	0	0	2	-
3.*	BML-548E	Information Technology Project Management	PEC	1.5	3	0	0	2	-
4.	BML-549E	Software Engineering and Management of Software Development	PEC	1.5	3	0	0	2	-
5.	BML-550E	Design of On-Line Systems	PEC	1.5	3	0	0	2	-
6.	BML-551E	Decision Support and Experts Systems	PEC	1.5	3	0	0	2	-
7.	BML-552E	Business Process Management	PEC	1.5	3	0	0	2	-
8.*	BML-553E	Electronic Commerce and Applications	PEC	1.5	3	0	0	2	-
*These courses are in PEC basket of EMBA specializations i.e. Information System and Marketing & Information System and Operations.									

Executive Master of Business Administration
Program Elective Courses

(4) Marketing

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-554E	Consumer Behavior Analysis	PEC	1.5	3	0	0	2	-
2.	BML-555E	Brand Management	PEC	1.5	3	0	0	2	-
3.	BML-556E	Integrated Marketing Communications	PEC	1.5	3	0	0	2	-
4.	BML-557E	Sales and Distribution Management	PEC	1.5	3	0	0	2	-
5.	BML-558E	Pricing Strategies	PEC	1.5	3	0	0	2	-
6.	BML-559E	Business to Business Marketing	PEC	1.5	3	0	0	2	-
7.	BML-560E	Services Marketing	PEC	1.5	3	0	0	2	-
8.	BML-561E	Digital Marketing	PEC	1.5	3	0	0	2	-
9.	BML-562E	Global Marketing Management	PEC	1.5	3	0	0	2	-
10.	BML-563E	Retail Management	PEC	1.5	3	0	0	2	-
11.	BML-564E	Rural Marketing	PEC	1.5	3	0	0	2	-
12.	BML-565E	Marketing Strategy	PEC	1.5	3	0	0	2	-
13.	BML-566E	AI in Marketing	PEC	1.5	2	0	1	2	1
14.	BML-567E	International Business	PEC	1.5	3	0	0	2	-
15.	BML-568E	Product Management	PEC	1.5	3	0	0	2	-

Executive Master of Business Administration
Program Elective Courses

(5) Financial

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-569E	Basics of Quantitative Finance	PEC	1.5	3	0	0	2	-
2.	BML-570E	Working Capital Management	PEC	1.5	3	0	0	2	-
3.	BML-571E	Security Analysis and Portfolio Management	PEC	1.5	3	0	0	2	-
4.	BML-572E	Indian Financial System	PEC	1.5	3	0	0	2	-
5.	BML-573E	International Corporate Finance	PEC	1.5	3	0	0	2	-
6.	BML-574E	Financial Engineering	PEC	1.5	3	0	0	2	-
7.	BML-575E	Applications of Quantitative Finance	PEC	1.5	3	0	0	2	-
8.	BML-576E	Financial Risk Management	PEC	1.5	3	0	0	2	-
9.	BML-577E	Financial Modelling	PEC	1.5	3	0	0	2	-
10.	BML-578E	Banking and Bank Finance	PEC	1.5	3	0	0	2	-
11.	BML-579E	Modern Financial Markets and Market Microstructure	PEC	1.5	3	0	0	2	-
12.	BML-580E	Behavioral Finance	PEC	1.5	3	0	0	2	-
13.	BML-581E	Business Valuation	PEC	1.5	3	0	0	2	-
14.	BML-582E	Infrastructure and Project Finance	PEC	1.5	3	0	0	2	-
15.	BML-583E	Money and Central Banking	PEC	1.5	3	0	0	2	-
16.	BML-584E	Fintech	PEC	1.5	3	0	0	2	-
17.	BML-585E	Foreign Exchange Risk Management	PEC	1.5	3	0	0	2	-

Executive Master of Business Administration
Program Elective Courses

(6) Information System

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	BML-533E	Essential AI for Managers	PEC	1.5	3	0	0	2	-
2.	BML-534E	Advanced AI for Managers	PEC	1.5	3	0	0	2	-
3.	BML-535E	Game Theory for Strategic Advantage	PEC	1.5	3	0	0	2	-
4.	BML-539E	Case Studies in Application of Decision Models	PEC	1.5	3	0	0	2	-
5.	BML-541E	Industrial Internet of Things for Managers	PEC	1.5	3	0	0	2	-
6.	BML-542E	Spreadsheet Modelling	PEC	1.5	3	0	0	2	-
7.	BML-543E	Business Analytics	PEC	1.5	3	0	0	2	-