

ACADEMIC CURRICULA

POST GRADUATE DEGREE PROGRAMMES

(Deemed to be University)

Mesra, Ranchi, Jharkhand, 835215, India

Master of Business Administration

(NEP based Flexible Credit System)

Syllabi for MBA Programme

Core Courses

BIRLA INSTITUTE OF TECHNOLOGY, MESRA

Department of Management Studies

Birla Institute of Technology, Mesra, Ranchi - 835215 (India)

Institute Vision

- To become a Globally Recognized Academic Institution in consonance with the social, economic and ecological environment, striving continuously for excellence in education, research and technological service to the National needs.

Institute Mission

- To educate students at Undergraduate, Post Graduate Doctoral and Post-Doctoral levels to perform challenging engineering and managerial jobs in industry.
- To provide excellent research and development facilities to take up PhD programmes and research projects.
- To develop effective teaching and learning skills and state of art research potential of the faculty.
- To build national capabilities in technology, education and research in emerging areas.
- To provide excellent technological services to satisfy the requirements of the industry and overall academic needs of society.

Department Vision

- To be recognized as a front runner in Management education in the country in consonance with the social, economic, and ecological environment while striving to contribute to nation-building through excellence in research and development activities

Department Mission

- To educate students at Post Graduate and Doctoral level to perform challenging managerial jobs in the industry as a leader and achieve excellence as Entrepreneurs and Researchers.
- To provide excellent research and development facilities for faculty and students to undertake path breaking theoretical and applied research.
- To build national capabilities in management education and research in emerging areas.
- To uphold the values of Personal Integrity and Social Responsibility in all our decisions

PEOs and POs for MBA (Management Studies)

Programme Educational Objectives (PEOs)

PEO1: To impart knowledge of the fundamentals of Management theory and its application in problem solving.

PEO2: To develop capabilities to select and apply appropriate tools for decision making required for solving complex managerial problems.

PEO3: To develop capabilities in students to independently conduct theoretical as well as applied research.

PEO4: To develop sound knowledge of the entrepreneurial process and inculcate creativity and innovation among students.

PEO5: To produce industry ready graduates having highest regard for Personal & Institutional Integrity, Social Responsibility, Teamwork and Continuous Learning.

PROGRAMME OUTCOMES (POs)

PO1: Demonstrate the knowledge of management science to solve complex corporate problems using limited resources.

PO2: Review literature, define and analyze management research problems.

PO3: Identify business opportunities, design and implement innovations in workspace.

PO4: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to management practice.

PO5: Apply ethical principles for making judicious managerial decisions.

PO6: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO7: Communicate effectively with various stakeholders.

PO8: Engage in independent and life-long learning.



**Department of Civil and Environmental Engineering
Birla Institute of Technology Mesra, Ranchi - 835215, India**

M.Sc. Environmental Science and Technology

Course Structure

Semester I

Semester I	Course Level	Course Code	Course Name	Delivery Method Lecture – L; Tutorial – T; Practical – P			Credits
				L	T	P	
	Program Core	MT26 401	Financial Accounting and Management	3	0	0	3
	Program Core	MT26 403	Organisational Behaviour	3	0	0	3
	Program Core	MT26 405	IT enabled Business Intelligence	3	0	0	3
	Program Core	MT26 407	Managerial Economics	2	0	0	2
	Program Core	MT26 409	Business Research	3	0	0	3
	Program Core	MT26 411	Marketing Management- I	3	0	0	3
	Program Core	MT26 413	Data Analysis & Decision Tools	4	0	0	4
	Program Core	MT26 415	Legal Aspects of Business	2	0	0	2
	Skill Development Course	HS24 131	Communication Skills- 1	0	0	3	1.5
Total Credits							24.5

Semester II	Course Level	Course Code	Course Name	Delivery Method Lecture – L; Tutorial – T; Practical – P			Credits
				L	T	P	
	Program Core	MT26 417	Management of Manufacturing Systems	2	0	0	2

	Program Core	MT26 419	Human Resource Management	3	0	0	3
	Program Core	MT26 421	Operations Research	3	0	0	3
	Program Core	MT26 423	Entrepreneurship	2	0	0	2
	Program Core	MT26 425	Strategic Management	2	0	0	2
	Program Core	MT26 427	Cost Management	3	0	0	3
	Skill Development Course	HS 417/HS 419	French /German	2	0	0	2
	Program Core	MT26 429	Marketing Management- II	2	0	0	2
	Program Core	MT26 431	Business Ethics and Sustainability	2	0	0	2
	Skill development Course	HS24 133	Communication Skills II	0	0	3	1.5
	Open Elective		Open Elective/MOO C	3	0	0	3
	Total Credits						25.5

Semester III	Course Level	Course Code	Course Name	Delivery Method Lecture – L; Tutorial – T; Practical - P			Credits
				L	T	P	
		MT26 560	SUMMER INTERNSHIP	0	0	0	2
	Programme Elective (Area I)	* 5 courses of 3 Credits each	**	**	**	**	15
	Programme Elective (Area II)	* 4 courses of 3 Credits each	**	**	**	**	12
	Total Credits						29

Semester IV	Course Level	Course Code	Course Name	Delivery MET26- hod Lecture – L; Tutorial – T; Practical - P			Credits
				L	T	P	
	Program Core	MT26 503	PROJECT	0	0	0	4
	Programme Elective (Area I)	*1 Paper of 3 Credits	Program Electives	**	**	**	3
	Programme Elective (Area II)	* 2 Papers of 3 Credits	Program Electives	**	**	**	6
Total Credits							13

Grand Total of Credits: (24.5+25.5+29+13=92)

Teaching and Learning Scheme

As per the new **National Credit Framework**, an account of 30 hours of learning is equivalent to 01 credit. It comprises of Classroom instructions (CI), Lab instructions (LI), Term work + Self Learning (TW + SL) in hours per semester. The division of the components mentioned will be as per the following teaching and learning schemes.

Sl. No.	Total credits	Classroom Instructions (CI) in hours per semester		Lab Instructions (LI) in hours per semester	Term work (TW) and Self Learning (SL) (TW + SL) in hours per semester	Total no. of Hours per semester
		Lectures	Tutorials			
1	04 (Four) Theory	42	14	0	64	120
2	03 (Three) Theory	28	14	0	48	90
3	03 (Three) Theory	42	0	0	48	90
4	02 (Two) Theory	28	0	0	32	60
5	02 (Two) Lab	0	0	56	4	60
6	1.5 (One and half) Lab	0	0	42	3	45
7	01 (One) Lab	0	0	28	2	30
8	02 (Two) Project	0	0	0	60	60
9	03 (Three) Project	0	0	0	90	90
10	06 (Six) Project	0	0	0	180	180
11	03 (Three) Vocational	14	0	56	20	90

Legend:

- CI Classroom Instruction (includes different instructional/ implementation strategies i.e. Lecture (L), Tutorial (T), case method, Demonstrations, video demonstration, problem-based learning etc. to deliver theoretical concepts)
- LI Laboratory Instruction (includes experiments/ practical performances, problem-based experiences in laboratory, workshop, field or other locations using different instructional/ implementation strategies)
- TW Term Work (includes assignments, seminar micro projects, industrial visits, any other student activities etc.)
- SL Self Learning, MOOCs, spoken tutorials, online educational resources etc. (if provided in curriculum structure)