

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI.**



**Scheme of Teaching, Examinations, and Syllabus  
MASTER OF BUSINESS ADMINISTRATION (MBA) IN  
TECHNOLOGY MANAGEMENT  
(Effective from Academic year 2026 - 27)**

# SCHEME OF TEACHING AND EXAMINATION

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

**Scheme of Teaching and Examinations: 2026- 27**

**MASTER OF BUSINESS ADMINISTRATION (MBA) IN TECHNOLOGY MANAGEMENT**

**Choice-Based Credit System (CBCS) and Outcome-Based Education (OBE)**

## I SEMESTER

Sl. No	Course	Course Code	Course Title	Teaching Learning Scheme				Examination				Credits
				Teaching Hours		Team Work & Self	TH / S	Duration in hours	CIE Marks	SEE Marks	Total Marks	
				Theory	Practical compo							
1	PCC	3MTM101	Management and Organizational Behaviour	56	00	64	120	03	50	50	100	04
2	PCC	3MTM102	Accounting for Managers	56	00	64	120	03	50	50	100	04
3	PCC	3MTM103	Managerial Economics	56	00	64	120	03	50	50	100	04
4	PCC	3MTM104	Quantitative Methods	56	00	64	120	03	50	50	100	04
5	PCC	3MTM105	Marketing Management	56	00	64	120	03	50	50	100	04
6	PCC	3MTM106	Managerial Communication	42	00	48	90	03	50	50	100	03
7	AEC	3MTM107	Employability Skills	-	30		30	02	50	-	50	01
8	SEC	3MTM108	Application of Business Tools - I	-	60		60		-	-	-	-
<b>TOTAL</b>							<b>780</b>	<b>20</b>	<b>350</b>	<b>300</b>	<b>650</b>	<b>24</b>

**Note:**

- PCC: Professional Core Course
- PEC: Professional Elective Course
- AEC: Ability Enhancement Course
- SEC: Skill Enhancement Course (Mandatory, Non-Credit Course)

TW&SL –Team Work & Self Learning, TH/S – Total hours per semester

Practical work, field activities, and assignments are part of the contact hours for faculty and must be included in the workload. All four-credit courses are designed for 56 hours of teaching–learning engagement.

The teaching pedagogy may include a combination of:

Case studies, experiential learning, presentations, interactive lectures, role-plays, business games, blended learning, simulation exercises, hands-on experience, ICT-based tools, flipped classroom techniques, field experiments, business quizzes/exercises, group discussions, lectures, and team-based activities.

**Note:**

1. Each Course has a theory component of 04 hrs (04 credits). Practical and real-life corporate results/events, cases and occurrences must be used to demonstrate the concepts in the classroom. The Time-Table allotment for each course should be 04 hrs. Practical component must be embedded in the theory classes and it is mandatory to maintain a record of all tools and cases used in teaching – learning process.

2. 20% of marks should be allocated for application-oriented questions in the SEE Question Paper, based on practical component.

3. Each course content has indicative case studies which can be dealt in the class by the course instructor. In addition to this the course instructor may use an extra case from Harvard, Sage business cases/Case Centre.

4. One Industrial Visit per Semester is Mandatory. The Department shall insist on report submission by each student and shall maintain this as a documentary proof preferably with Geo-tagged photos. The format of the report shall be prescribed by the department.

5. The Students and course instructor/s should involve either individually or in groups to interact together to enhance the learning and application skills.

**6. Practical component**

Students should interact with industry after regular contact hours (small, medium and large) to understand their problems and study in the form of research/testing/projects and for creative and innovative methods for guidance and to solve the identified problem.

7. **The students shall**

- (a) Gain confidence in modeling of management systems.
- (b) Work on different software/s (tools) to Simulate, analyze and authenticate the output to interpret and conclude.
- (c) Involve in case studies and field visits/ field work.
- (d) Accustom with the use of standards/codes etc., to narrow the gap between academia and industry.

All activities should lead to enhancement of students' abilities/skills for employment and/or self-employment opportunity, management skills, statistical analysis, fiscal expertise, etc.

8. Social Immersion Program through Seminar (one week) is mandatory for all the students and this has to be carried out after the first semester during vacation and the report should be submitted by the students should be assessed internally through seminars during the second semester and it is a credit based mandatory course.
9. Term work and self learning can include :Case Study Analysis, Leadership & Team Building Lab, Group Dynamics Exercises, Role Plays, MOOCs/NPTEL Courses, Industrial Visit, Simulation Exercises, Economic Insight Report, Data-Driven Capstone Projects, Seminars & Guest Lectures, Industry Interaction etc.,

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

## Scheme of Teaching and Examinations: 2026- 27

### MASTER OF BUSINESS ADMINISTRATION (MBA) IN TECHNOLOGY MANAGEMENT Choice-Based Credit System (CBCS) and Outcome-Based Education (OBE)

#### II SEMESTER

Sl. No.	Course	Course Code	Course Title	Teaching Learning Scheme				Examination				Credits
				Teaching Hours		Tw/SL	TH / S	Duration in hours	CIE Marks	SEE Marks	Total Marks	
				Theory	Practical component							
1	PCC	3MTM201	Human Resource Management	56	00	64	120	03	50	50	100	4
2	PCC	3MTM202	Financial Management	56	00	64	120	03	50	50	100	4
3	PCC	3MTM203	Research Methodology and IPR	56	00	64	120	03	50	50	100	4
4	PCC	3MTM204	Fundamentals of Technology Management	56	00	64	120	03	50	50	100	4
5	PCC	3MTM205	Strategic Management	56	00	64	120	03	50	50	100	4
6	PCC	3MTM206	Entrepreneurship Development	42	28	20	90	03	50	50	100	3
7	AEC	3MTM207	Social Immersion Program through Seminar				30	02	50	-	50	1
8	SEC	3MTM208	Application of Business - II	-			60		-	-	-	-
<b>TOTAL</b>							<b>780</b>	<b>20</b>	<b>350</b>	<b>300</b>	<b>650</b>	<b>24</b>

**Note:**  
PCC\*: Professional Core Course, PEC: Professional Elective Course.  
AEC: Ability Enhancement Course, SEC: Skill Enhancement Course. Practical /Field Work / Assignment are part of contact hours for the faculty and must be considered in the workload. Four credit courses are designed for 56 hours Teaching – Learning process. The teaching pedagogy may involve Case study method, Experiential learning, Presentations, Interactive lectures, Role-plays, Business games, Blended Learning, Simulations games/Hands-on experience, ICT tools, Flipped Class, Field experiments, Business Quiz/Exercises, Group discussion, Lectures, team activities, etc. TW&SL –Team Work & Self Learning, TH/S – Total hours per semester

- Note:**
1. Each Course has a theory component of 04 hrs (04credits). Practical and real-life corporate results/events, cases and occurrences must be used to demonstrate the concepts in the classroom. The Time-Table allotment for each course should be 04 hrs. Practical component must be embedded in the theory classes and it is mandatory to maintain a record of all tools and cases used in teaching-learning process
  2. 20% of marks should be allocated for application-oriented questions in the SEE Question Paper, based on practical component.
  3. Each course content has indicative case studies which can be dealt in the class by the course instructor. In addition to this the course instructor may use an extra case from Harvard, Sage business cases /Case Centre.
  4. One Industrial Visit per Semester is Mandatory. The Department shall insist on report submission by each student and shall maintain this as a documentary proof preferably with Geo-tagged photos. The format of the report shall be prescribed by the department.
  5. Practical component: Students should interact with industry after regular contact hours or during holidays and vacations (small, medium and large) to understand their problems and study in the form of research/ testing / projects and for creative and innovative methods for guidance and to solve the identified problem.
  6. Internship (four weeks) to be carried out by the students after second semester during vacation and the report should be submitted by

the students and is to be assessed internally during the third semester.

7. Term work and self learning can include :

: Case Study Analysis, Leadership & Team Building Lab, Group Dynamics Exercises, Role Plays, MOOCs/NPTEL Courses, Industrial Visit, Simulation Exercises, Economic Insight Report, Data-Driven Capstone Projects, Seminars & Guest Lectures, Industry Interaction

# VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI

## Scheme of Teaching and Examinations: 2026- 27

### MASTER OF BUSINESS ADMINISTRATION (MBA) IN TECHNOLOGY MANAGEMENT Choice Based Credit System (CBCS) and Outcome Based Education (OBE)

#### III SEMESTER

Sl. No.	Course	Course Code	Course Title	Teaching Learning Scheme				Examination				Credits
				Teaching Hours		TW/SL	TH / S	Duration in hours	CIE Marks	SEE Marks	Total Marks	
				Theory	Practical compone							
1	PCC	3MTM301	Logistics and Supply Chain Management	56	00	64	120	03	50	50	100	04
2	PCC	3MTM302	International Business Management	56	00	64	120	03	50	50	100	04
3	PEC	3MTM303	Technology & Innovation in Business	56	00	64	120	03	50	50	100	04
4	PEC	3MTM304	Applied Operations Research	56	00	64	120	03	50	50	100	04
5	PEC	3MTM305	Data Analytics	42	28	50	120	03	50	50	100	04
6	PEC	3MTM306	Digital Infrastructure and ERP	56	00	64	120	03	50	50	100	04
7	PCC	3MTM307	Internship (Practical)			-	120	-	50	50	100	04
<b>TOTAL</b>							<b>840</b>	<b>18</b>	<b>350</b>	<b>350</b>	<b>700</b>	<b>28</b>

Note:  
PCC\*: Professional Core Course, PEC: Professional Elective Course.  
Practical /Field Work / Assignment are part of contact hours for the faculty and must be considered in the workload. Four credit courses are designed for 56 hours Teaching – Learning process. The teaching pedagogy may involve Case study method, Experiential learning, Presentations, Interactive lectures, Role-plays, Business games, Blended Learning, Simulations games/Hands-on experience, ICT tools, Flipped Class, Field experiments, Business Quiz/Exercises, Group discussion, Lectures, team activities, etc., TW&SL –Team Work & Self Learning, TH/S – Total hours per semester

- Note:
- Each Course has a theory component of 04 hrs (04credits). Practical and real life corporate results/events, cases and occurrences must be used to demonstrate the concepts in the classroom. The Time-Table allotment for each course should be 04 hrs. Practical component must be embedded in the theory classes and it is mandatory to maintain a record of all tools and cases used in teaching –learning process
  - 20% of marks should be allocated for application oriented questions in the SEE Question Paper, based on practical component.
  - One Industrial Visit per Semester is Mandatory. The Department shall insist on report submission by each student and shall maintain this as a documentary proof preferably with Geo-tagged photos. The format of the report shall be prescribed by the department.
  - Each course content has indicative case studies which can be dealt in the class by the course instructor. In addition to this the course instructor may use an extra case from Harvard, Sage Business Cases/Case Centre.
  - Project work-3MTM407 (six weeks) to be carried out by students after third semester and the report should be submitted by the students during the fourth semester.

**Term Work and Self-Learning:** Case Study Analysis, Logistics Network Design Exercises, Simulations, Transportation Planning Workshop, Demand Forecasting Exercises, Supply Chain Analytics using Excel, Industry Interaction & Guest

Sessions, Field Visit to Warehouse/Distribution Centre, Reflection Report and MOOCs/NPTEL Courses. Capstone Data-Driven Project, Industry Guest Session (Analytics Expert) Hands-on Software Workshop (Excel Solver/TORA) etc

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**MASTER OF BUSINESS ADMINISTRATION (MBA) IN TECHNOLOGY**  
**MANAGEMENT**  
**Choice Based Credit System (CBCS) and Outcome Based Education (OBE)**

**IV SEMESTER**

Sl. No	Course	Course Code	Course Title	Teaching Hours /Week				Examination				Credits
				Theory	Practical component	TW/SL	TH/S	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	PCC	3MTM401	Emerging Technologies for Business	42	00	48	90	03	50	50	100	03
2	PCC	3MTM402	Corporate Governance and Business Ethics	42	00	48	90	03	50	50	100	03
3	PEC	3MTM403	Cybersecurity & Risk Management	42	00	48	90	03	50	50	100	03
4	PEC	3MTM404	Sustainable Technology & Innovation Management	42	00	48	90	03	50	50	100	03
5	PEC	3MTM405	Technology Forecasting and Assessment	42	00	48	90	03	50	50	100	03
6	PEC	3MTM406	Digital Strategy and Business Transformation	42	00	48	90	03	50	50	100	03
7	PCC	3MTM407	Main Project (Practical)	-			180	-	50	50	100	06
<b>TOTAL</b>							<b>720</b>	<b>18</b>	<b>350</b>	<b>350</b>	<b>700</b>	<b>24</b>

Note:

PCC\*: Professional Core Course, PEC: Professional Elective Course. Practical /Field Work / Assignment are part of contact hours for the faculty and must be considered in the workload. Four credit courses are designed for 56 hours Teaching – Learning process. The teaching pedagogy may involve Case study method, Experiential learning, Presentations, Interactive lectures, Role-plays, Business games, Blended Learning, Simulations games/Hands-on experience, ICT tools, Flipped Class, Field experiments, Business Quiz/Exercises, Group discussion, Lectures, team activities, etc., TW&SL –Team Work & Self Learning, TH/S – Total hours per semester

Note:

- Each Course has a theory component of 2 hrs and Practical Component of 2 hrs (3credits). The Time-Table allotment for each course should be 4 hrs.
- 20% of marks should be allocated for application-oriented questions in the SEE Question Paper, based on practical component.
- One Industrial Visit per Semester is Mandatory. The Department shall insist on report submission by each student and shall maintain this as a documentary proof. The format of the report shall be prescribed by the department.
- Each course content has indicative case studies which can be dealt in the class by the course instructor. In addition to this the course instructor may use an extra case from Harvard, Sage Business Cases/Case Centre.
- Term Work and Self-Learning** Case Study Analysis, Emerging Tech Seminars & Presentations, Reflection Journal and

MOOCs/NPTEL Courses Business Model Innovation Exercises, Green Technology Assessment Workshop etc