Criterion-II Teaching Learning & Evaluation

2.6 Students Performance & Learning Outcomes

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The Institute employs a number of direct and indirect assessment techniques to assess the attainment of programme outcome and course outcome.

	Assessment Tools(AT)/Process	Programme Outcomes(PO)							
		PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
Direct Assessment Tools	AT-1 Mid-term evaluation	√	√	√	√	√	√	√	√
	AT-2 End-term evaluation	√	√	√	√	√	√	√	√
	AT-3 Class work evaluation/ Quiz/Assignment/Presentation	√	√	√	√	√	√	√	√
Indirect Assessment Tools	AT-4 Employer Survey	√	√	√	√	√	√	√	√
	AT-5 Alumni Survey	√	√	√	√	√	√	√	√
	AT-6 Student Survey	√	√	√	√	√	√	√	√

Direct Assessment (A) =Average CO Attainment (%) x PO Attainment / Higher Level

Indirect Assessment (B) is evaluated on the basis of surveys conducted through Employer Survey, Alumni Survey and Student Feedback.

The Total Attainment is computed using the formula:

Total Attainment= 0.9*A + 0.1 *B

Description of various assessment tools given above are as follows:

AT-1 Mid-term evaluation: Mid-term evaluation is carried out throughout mid-term tests at equal intervals in each semester. The test is evaluated after conducting it and results are communicated to and discussed with students.

AT-2 End-term evaluation: End term evaluation is carried out at the end of the semester. The answer sheets are evaluated after the exam and results are communicated to the students.

AT-3 Classwork evaluation/ Quiz's/ Assignments/ Presentations: Class performance evaluation of students is carried out at continuous basis through out the semester. Performance assessment of students through quiz/ assignment/ presentation is carried out at regular intervals during the semester.

AT-4 Employer Survey: Survey about the course content and programme outcome is taken from the employers who visit the campus for the placement drive purpose.

AT-5 Alumni Survey: Survey about the course content and programme outcome is taken from the alumni of the Institute.

AT-6 Student Survey: Students feedback is taken compulsorily at the end of each semester.

The frequency with which these assessment processes are carried out:

AT-1: Twice in a semester

AT-2: Once in a semester AT-3: During entire semester

      AT-4: Once in an academic Year

      AT-5: Once in an academic year

      AT-6: Once in each semester

Direct assessment scheme for each course is as follows.

* Mid-term1-   10 marks
* Mid-term2-   10 marks
* Assignment/Presentation: 10 Marks
* Class participation   05 marks
* Attendance -   05 marks

- End term -   60 marks

For seminar and dissertation, the assessment is done on hundred marks

The class participation marks are decided based on the various activities conducted by the

Sr.No	Semester	Internal assessment	Endterm examination	Total Marks	Credit
1	Semester 1	320	480	800	32
2	Semester 2	320	480	800	32
3	Semester 3	360	540	900	36
4	Semester 4	240	360	600	20
Total					**120**

faculties such as quiz, role play, games, case study, assignments, presentation etc.

The class participation marks are solely decided by the teacher or the person in charge on the basis of different activities like presentation, quiz, class tests, games etc.

The project work and dissertation:

The project work and dissertation are a part of the curriculum. The evaluation of the project work and dissertation is done based on multiple parameters targeted towards assessment of attainment of indirect programme outcome. Project work and dissertation are of 100 marks for Summer Internship Project at the end of Second Semester at the end of the First year of MMS.   In the Second year, in Forth Semester, Project work and dissertations are of 300 marks which include General Management, Social Relevance and Specilization Project work.

 Procedure:
The course co-ordinator prepares a list of Project Guides and puts it on the notice board at the

beginning of the fourth semester. Guest lectures are scheduled and information, method and black book process is informed to students in advance. Concerned guide prepared the schedule and method of work and guides students frequently. Then the course co-ordinator prepares the

pre-submission viva and informs the deadlines of project report submission and schedule. Accordingly a 3 member viva-voce panel is constituted with external refree and viva voce is conducted as per project report rubrics.

The Institute has implemented complete Outcome Based Education (OBE). The assessment of the course outcome is based on the various assessment techniques implemented in the department. The faculties regularly monitor the attainment of each student and in case the attainment of any course is less than the target attainment, supplementary activities such as assignments, role plays, case studies, activities-based games, group discussion etc. are conducted.

The attainment is calculated based on direct assessment, consisting of internal assessment and external assessment.

Internal assessment is mapped with Mid1, Mid2, Class Participation and attendance. External assessment is mapped with End-term assessment. The internal assessment and external assessment questions are mapped with multiple COs. The marks of every student are tabulated and the final attainment is calculated in the score card.

The mid-term 1 is of 10 marks, Mid-term 2 is of 10 marks, Clas Presentations/Assignments or Case Study is of 10 Marks & Class Participation is of 05 marks, Attendance is of 05 marks and external is of 60 marks.

Methodology to define Course Outcome, attainment levels, Methodology to Calculate CO, PO Attainment:

a. Define COs for a course with reference to Course objectives of respective Course and check their quality

b. Do mapping of CO with POs of each course in the Course File (On a scale of 1, 2 & 3).

c. Align COs with questions of class tests, assignments and end semester exam

d. Prepare CO alignment sheet and decide Grade scale as follows:

Grade scale

Marks	Score
≤ 50%	1
>50% and ≤ 70%	2
>70%	3

e. Prepare Faculty Course Assessment Record (FCAR) of each faculty.

f. Align or distribute result of CO attainment (in %) over POs as per already done CO-POmapping.

g.   PO attainment sheet (in %) is prepared based on weighted average of exit survey, Employer Survey and Almuni Students survey.

Record the attainment of Course Outcomes of all courses with respect to set at attainment level (40)

Program has set Course Outcome attainment levels for all courses. The attainment levels are set considering average performance levels in the university examination or anyhigher value set as target for the assessment years. Attainment level is measured in termsof student performance in internal assessments with respect to the Course Outcomes in addition to the performance in the examination.

Process Used for revising / redefining the POs:

We have defined the Institute's vision, mission and program educational objectives. In accordance with these and the Post Graduate Attributes prescribed by NBA, the Program Outcomes are defined. The actual program results are compared with the program outcomes (POs) and the reasons for the inconsistencies, if any, are assessed and considered while redefining POs.

The POs are redefined on the following bases:

1. Interaction with senior student/alumni.

2. Discussion with the senior staff members.

3. According to revision of syllabus by institute.

4. Interaction with industry experts on their expectation.

5. Training and Placement Committee

6. APRC, CDC and CGC of the Institute.

Attainment of Course Outcome based on Mid- term assessment and End Term Assessment.

PO ATTAINMENT TABLE – BATCH -2020-22 (AY-2020 -21 & AY-2021-22)

COURSES	CODE	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
SEMESTER –I									
Perspective Management	MMS01-101	100%	100%	100%	100%	100%	100%	100%	100%
Financial Accounting	MMS01-102	91.84%	92.92%	94.3%	-	94.3%	91.84%	89.4%	89.4%
Business Statistics	MMS01-103	91.33%	91.25%	90.5%	91%	91.5%	-	-	-
Operations Management	MMS01-104	75.5%	75.5%	71.25%	71.25%	50%	50%	50%	-
Managerial Economics	MMS01-105	100%	100%	100%	100%	100%	100%	-	-
E-commerce	MMS01-106	99.25%	98.5%	98.5%	98.5%	100%	100%	-	-
Information Technology for Management	MMS01-107	82.67%	94.75%	84.33%	96%	96%	89.33%	94.33%	90.37%
Personal Grooming	MMS01-108	97.31%	95.96%	95.96%	97.31%	-	96.5%	-	-
SEMESTER –II									
Marketing Management	MMS02-201	98.74%	98.74%	98.64%	98.64%	79.12%	98.82%	98.74%	98.82%

Subject	Code								
Financial Management	MMS02-202	82.97%	82.97%	76.86%	76.86%	87.76%	76.86%	73.40%	73.40%
Operations Research	MMS02-203	94.5%	93%	93%	94.5%-	95.75%	94%	94%	94%
Human Resources Management	MMS02-204	79.40%	72.74%	68.90%	84.17%	77.05%	77.17%	70.44%	70.44%
Business Research Methods	MMS02-205	96.5%	96.5%	96.5%	96.5%	96.5%	96.5%	96.5%	96.5%
Entrepreneurship Management	MMS02-206	97.31%	98.03%	98.75%	98.39%	99.46%	99.46%	99.4%6	97.31%
Cost and Management Accounting	MMS02-207	91.9%	94.6%	89.3%	94.6%	89.3%	91.0%	91.9%	91.9%
Developing Teams and Effective Leadership	MMS 02-208	94.6%	93.6%	93.6%	94.6%	90.2%	90.2%	90.2%	90.2%
SEMESTER-III- Compulsory Subject									
International Business (Common Subject)	MMS03-C302	88.2%	85.4%	57.0%	89.4%	-	89.7%	88.2%	85.4%
STRATEGIC MANAGEMENT (UA)	MMS03-C301	100%	100%	100%	100%	100%	100%	100%	-
FINANCE SPECIALIZATION:									
Financial Markets and Institutions	MMS03-F302	93.65%	93.45%	93.65%	93.45%	98.81%	91.7%	88.09%	88.09%
Corporate Valuation and Mergers & Acquisitions	MMS03-F304	88.1%	91.7%	77.4%	98.8%	-	88.1%	77.4%	77.4%
Security Analysis and Portfolio Management	MMS03-F306	88.1%	90.9%	79.8%	90.9%	79.8%	88.1%	79.8%	79.8%
Financial Regulations	MMS03-F301	92.5%	92.5%	92.5%	93.5%	96.4%	92.5%	90.5%	90.5%

Derivatives and Risk Management	MMS03-F305	88.32%	88.32%	86.73%	88.32%	96.50%	83.47%	76.95%	76.95%
Mutual Funds	MMS03-F303	95.7%	95.7%	94.1%	94.1%	96.5%	93.3%	91.7%	91.7%
IT (SYSTEMS SPECIALIZATION):									
Database Management System & Data Warehousing	MMS03-IT303	100%	100%	100%	100%	100%	100%	100%	-
Enterprise Management System	MMS03-IT306	100%	100%	100%	100%	100%	100%	100%	100%
Big Data and Business Analytics	MMS03-IT301	100%	100%	100%	100%	100%	100%	100%	-
Knowledge Management	MMS03-IT302	90.5%	90.5%	90.5%	90.5%	90.5%	90.5%	90.5%	90.5%
Software Engineering	MMS03-IT304	80.00%	85.00%	90.00%	70.00%	75.00%	85.00%	70.00%	80.00%
Software Project Management	MMS03-IT305	94.00%	82.50%	81.43%	91.67%	82.50%	81.67%	94.00%	82.50%
HUMAN RESOURCE SPECIALIZATION:									
Training & Development	MMS03-HR301	93.25%	93.25%	93.25%	93.25%	100.00%	100.00%	100.00%	100.00%
Compensation and Benefits	MMS03-HR302	91%	91%	91%	91%	89.75%	100%	100%	100%
Competency Based HRM and Performance Management	MMS03-HR-303.	100%	100%	100%	100%	100%	100%	100%	100%
Labour Laws and Implications on Industrial Relations	MMS03-HR304	92.00%	92.00%	90.75%	90.00%	91.00%	-	90.00%	92.00%
HR Planning and Application	MMS03-HR-305	100%	100%	100%	100%	100%	100%	100%	100%

of Technology in HR									
Global HRM	MMS03-HR306	100%	100%	100%	100%	100%	100%	-	-
OPERATIONS SPECIALIZATION:									
Supply Chain Management	MMS03-O301	94.83%	94.83%	94.83%	92.25%	92.25%	93.00%	-	-
Operations Analytics	MMS03-0302	93.3%	92.9%	95.5%	87.6%	95.5%	95.5%	95.5%	95.5%
Service Operations Management	MMS03-0303	86.8%	88.1%	88.1%	88.1%	84.4%	84.4%	84.4%	-
Manufacturing Resource Planning & Control	MMS03-0304	86.2%	86.2%	85.55%	90.62%	85.55%	90.62%	90.62%	-
Materials Management	MMS03-0305	85.7%	86.2%	88.0%	88.5%	88.5%	88.5%	-	-
Total Quality Management	MMS03-0306	82.3%	82.3%	83.0%	83.0%	84.0%	84.0%	-	-
MARKETING SPECIALIZATION:									
Sales Management	MMS03-M301	100%	100%	100%	100%	100%	-	-	-
Marketing Strategy	MMS03-M302	100%	100%	100%	100%	100%	-	-	-
Consumer Behavior	MMS03-M301	100%	100%	100%	100%	100%	100%	100%	100%
Services Marketing	MMS03-M304	98.00%	97.00%	97.00%	97.00%	94.00%	94.00%	94.00%	94.00%
Product & Brand	MMS03-M305	100%	100%	100%	100%	100%	100%	-	-

Management

SEMESTER-IV

Course	Code								
Project Management (UA)	MMS04-CU401	98.54%	95.23%	99.41%	-	98.54%	98.90%	97.81%	98.54%
Commercial Banking	MMS04-402.	83.67%	83.67%	85.29%	72.33%	75.57%	81.40%	83.67%	78.00%
Strategic Information Technology Management	MMS04-SIT405	100%	100%	100%	100%	100%	100%	100%	-
Strategic HRM	MMS04-SHRM04	96.7%	95.0%	95.0%	100.0%	90.0%	90.0%	90.0%	96.7%
International Marketing	MMS04-IMM403	100%	100%	100%	100%	100%	100%	-	-
Operations Applications and Cases	MMS04-OAO406	94%	94%	94.5%	94.5%	98%	98%	98%	-
AVERAGE	-	93.38%	93.33%	91.98%	93.33%	92.60%	92.53%	90.50%	90.60%

PO ATTAINMENTTABLE– BATCH -2020-22 (AY-2020 -21 & AY-2021-22

2020-22 Direct Assessment

Batch	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
2020-22	90%	89%	85%	88%	87%	86%	86%	88%

	Batch	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
Alumni	2020-22	84	86	80	84	85	89	89	80
Employer	2020-22	80	87	76	82	78	79	75	90
Student	2020-22	93	81	79	80	76	75	82	82