| Subject Name       | BELAB          | Subject Code | KMBN201     |
|--------------------|----------------|--------------|-------------|
| Session & Semester | 2022-23 (EVEN) | Faculty Name | Dr. Ranchay |
|                    | &II            |              | Bhateja     |

|        | COs with BLs & KCs  |                                    |                               |
|--------|---|------------------------------------|-------------------------------|
| CO No. | Statement of Course Outcome   | Bloom's                            | Knowladge                     |
| Aft    | er completion of the course, the student will be able to  | Cognitive<br>Process Level<br>(BL) | Knowledge<br>Category<br>(KC) |
| CO1    | Examine variegated forces of business environment.  | Apply<br>BL 3                      | Procedural                    |
| CO2    | Assess impact of business environment over organizations<br>using SWOT/Porter's Five Forces model             | Evaluate<br>BL 5                   | Procedural                    |
| CO3    | Examine the provisions of Contract Act & Sales of Goods<br>Act giving rise to mercantile business deals       | Apply<br>BL 3                      | Procedural                    |
| CO4    | Assess the legal framework of Companies Act concerning incorporation and regulation of business organizations | Evaluate<br>BL 5                   | Procedural                    |
| CO5    | Assess case laws facilitating business decisions  | Evaluate<br>BL 5                   | Procedural                    |

#### CO - PO/APO/PSO Matrix

| Course<br>Outco          | Programme Outcomes (POs) |     |     |     | Additional Programme Outcomes<br>APOs |       |       |
|--------------------------|--------------------------|-----|-----|-----|---------------------------------------|-------|-------|
| mes<br>(COs)             | PO1                      | PO2 | PO3 | PO4 | PO5                                   | APO 1 | APO 2 |
| CO1                      | 2                        | 2   | -   | 3   | 2                                     | 2     | 2     |
| CO2                      | 3                        | 3   | -   | 3   | 2                                     | 2     | 3     |
| CO3                      | 1                        | 1   | -   | 1   | 1                                     | -     | 2     |
| CO4                      | 1                        | 1   | -   | 1   | 1                                     | -     | 2     |
| CO5                      | 1                        | 1   | -   | 1   | 1                                     | -     | 2     |
| PO / APO Target<br>(Avg) | 1.6                      | 1.6 | -   | 1.8 | 1.4                                   | 2     | 2.2   |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

| Subject Name       | HRM                            | Subject Code | KMBN 202      |
|--------------------|--------------------------------|--------------|---------------|
| Session & Semester | 2022-23 <b>2</b> <sup>nd</sup> | Faculty Name | Ankita Sharma |
|                    |                                |              | and Tanushree |

|                                    | Cou  | rse Outcome                                     |   |                               |
|------------------------------------|--|---|---|-------------------------------|
| CO No.<br>After comp<br>be able to | Statement of Course Outcome  | Relevant<br>POs/APOs                            | Bloom's<br>Cognitive<br>Process<br>Level (BL) | Knowledge<br>Category<br>(KC) |
| CO1                                | Apply HRM strategies and link it<br>to corporate strategy in order to<br>enhance company's business                            | PO1, PO2,<br>PO4, PO5                           | Applying<br>BL 3                              | Procedural                    |
| CO2                                | Apply the in-depth insight of<br>strategic HRP in order to take hiring<br>decisions  | PO1, PO2,<br>PO4, PO5                           | Applying<br>BL 3                              | Procedural                    |
| CO3                                | Analyze training & need based training program   | PO1, PO2,<br>PO3, PO5,<br>APO1                  | Analyzing<br>BL 4                             | Procedural                    |
| CO4                                | Compare the different tools of<br>compensation management for<br>assessing conducive environment<br>for better human relations | PO1, PO2,<br>PO3, PO4,<br>PO5,<br>APO1,<br>APO2 | Evaluate BL 5                                 | Meta-<br>Cognitive            |
| CO5                                | Summarize global culture and various international HR practices.   | PO1, PO2,<br>PO4, PO5,<br>APO2                  | Evaluate BL 5                                 | Meta-<br>Cognitive            |

#### **CO - PO/APO Mapping**

| Course Outcomes       | Program Outcomes (POs) |     |      |      |     | AP    | APOs  |  |
|-----------------------|------------------------|-----|------|------|-----|-------|-------|--|
| (COs)                 | PO1                    | PO2 | PO3  | PO4  | PO5 | APO 1 | APO 2 |  |
| CO1                   | 2                      | 1   |      | 2    | 2   |       |       |  |
| CO2                   | 1                      | 1   |      | 1    | 2   |       |       |  |
| CO3                   | 1                      | 2   | 1    |      | 2   | 1     |       |  |
| CO4                   | 1                      | 1   | 1    | 2    | 2   | 1     | 1     |  |
| CO5                   | 2                      | 1   | 3    | 2    | 2   |       | 2     |  |
| PO / APO Target (Avg) | 1.4                    | 1.2 | 1.67 | 1.75 | 2   | 1     | 1.5   |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | Business Research<br>Methods | Subject Code | KMBN203                           |
|--------------------|------------------------------|--------------|-----------------------------------|
| Session & Semester | 2022-23 & П                  | Faculty Name | Dr. Puja Roshani /<br>Sapna Yadav |

## COs with BLs & KCs

| CO No.  | Statement of Course Outcome  | Bloom's                        | Knowled                         |
|---------|--|--------------------------------|---------------------------------|
| After c | ompletion of the course, the student will be able to                       | Cognitive                      | ge                              |
|         |  | Process<br>Level (BL)          | Category<br>(KC)                |
| CO1     | Apply the the skills for conducting research to solve<br>business problems | Apply (BL 3:<br>Apply)         | Conceptual<br>and<br>Procedural |
| CO2     | Apply Critical thinking abilities for databased research process           | Apply<br>(BL 3: Apply)         | Conceptual<br>and<br>Procedural |
| CO3     | Apply the various tools and strategies of business process                 | Apply<br>(BL 3:<br>Apply)      | Conceptual<br>and<br>Procedural |
| C04     | Analyze the use of tools in the achievement of organization goals          | Analyze (BL4 :<br>Analyze)     | Conceptual<br>and<br>Procedural |
| C05     | Evaluate the research report used in academic-<br>industry interface       | Evaluate<br>(BL5<br>:Evaluate) | Conceptual<br>and<br>Procedural |

#### CO - PO/APO/PSO Matrix

| Course<br>Outcomes    |     | Programme Outcomes (POs) |      |     |      | Additional Programme<br>Outcomes APOs |       |  |
|-----------------------|-----|--------------------------|------|-----|------|---------------------------------------|-------|--|
| (COs)                 | PO1 | PO2                      | PO3  | PO4 | PO5  | APO 1                                 | APO 2 |  |
| CO1                   | 3   | 3                        |      | 3   |      | 1                                     | 3     |  |
| CO2                   | 3   | 3                        | 1    | 3   | 1    | 1                                     | 3     |  |
| CO3                   | 3   | 3                        | 1    | 2   |      | 1                                     | 3     |  |
| CO4                   | 3   | 3                        | 2    | 1   | 3    | 1                                     | 3     |  |
| CO5                   | 2   | 2                        | 1    | 1   | 1    | 1                                     | 3     |  |
| PO / APO Target (Avg) | 2.8 | 2.8                      | 1.25 | 2   | 1.67 | 1                                     | 3     |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

| Subject Name       | FMCF         | Subject Code | KMBN204            |
|--------------------|--------------|--------------|--------------------|
| Session & Semester | 2022-23 & II | Faculty Name | Dr. Amit Kr. Arora |

| CO<br>No.<br>Afte | Statement of Course Outcome<br>r completion of the course, the student will be able to | Bloom's<br>Cognitive<br>Process<br>Level (BL) | Knowledge<br>Category<br>(KC)          |
|-------------------|--|---|--|
| CO1               | Apply Models of Corporate Finance and Governance and time value of money.              | Appl<br>y<br>(BL:3<br>Apply)                  | Conceptual<br>(KC:C,P)                 |
| CO2               | Analyze long term investment decisions on the basis of cost of capital.                | Analyz<br>e (BL:4<br>Analyze)                 | Conceptual<br>& Procedural<br>(KC:C,P) |
| CO3               | Analyze the best source of capital structure and leverage.                             | Analyz<br>e (BL:4<br>Analyze)                 | Conceptual<br>& Procedural<br>(KC:C,P) |
| CO4               | Evaluate different models for firm's optimum dividend pay-out.                         | Evaluat<br>e (BL:5<br>Evaluate)               | Procedura<br>l<br>(KC:C,P)             |
| CO5               | Appraise the recent trends of mergers and acquisition and its valuation.               | Appraise<br>(BL:5<br>Evaluate)                | Procedura<br>l<br>(KC:C,P)             |

#### COs with BLs & KCs

CO - PO/APO/PSO Matrix

| СО           | PO1        | PO2 | PO3    | PO4    | PO5              | APO 1                                  | APO 2 |
|--------------|------------|-----|--------|--------|------------------|--|-------|
| CO-1         | 2          | 2   | -      | 1      | 1                | -                                      | -     |
| CO-2         | 2          | 3   | -      | 1      | 1                | -                                      | -     |
| CO-3         | 2          | 2   | -      | 1      | 1                | -                                      | 1     |
| <b>CO-4</b>  | 2          | 1   | -      | 1      | 1                | -                                      | 1     |
| CO-5         | 2          | 2   | 1      | 1      | 1                | -                                      | -     |
| Average      | 2          | 2   | 1      | 1      | 1                | -                                      | 1     |
| Mari         |            |     | Jones  | X<br>, |                  | K                                      |       |
| Assoc./ Asst | t. Head Do | DC  | Addk H | oD     | Head<br>KIET Sch | HoD<br>of Department<br>ool of Managen | nent  |

#### Please Note (Reference: OBE Guidelines wef. Session 2021 – 22)

The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.

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• If there is no correlation, then put a "-" (dash).

| Subject Name       | OM           | Subject Code | KMBN205             |
|--------------------|--------------|--------------|---------------------|
| Session & Semester | 2022-23 & II | Faculty Name | Dr. Meenakshi Tyagi |

|           | COs with BLs & KCs   |                       |               |  |  |  |  |  |  |
|-----------|--|-----------------------|---------------|--|--|--|--|--|--|
| CO<br>No. | Statement of Course Outcome  | Bloom's<br>Cognitive  | Knowledge     |  |  |  |  |  |  |
| After c   | completion of the course, the student will be able to                | Process Level<br>(BL) | Category (KC) |  |  |  |  |  |  |
| CO1       | Analyze the factors increasing productivity.                         | Analyze<br>BL 4       | Procedural    |  |  |  |  |  |  |
| CO2       | Analyze the dimensions of quality in services.                       | Analyze<br>BL 4       | Procedural    |  |  |  |  |  |  |
| CO3       | Evaluate various techniques of<br>Inventory Management               | Evaluate<br>BL 5      | Procedural    |  |  |  |  |  |  |
| CO4       | Evaluate supply chain drivers at national and global level.          | Evaluate<br>BL 5      | Procedural    |  |  |  |  |  |  |
| CO5       | Create quality system in organization through various quality tools. | Create<br>BL6         | Procedural    |  |  |  |  |  |  |

| CO - PO/APO/PSO Matrix      |                          |     |     |     |     |  |       |  |
|-----------------------------|--------------------------|-----|-----|-----|-----|--|-------|--|
| Course Outcomes<br>(COs)    | Programme Outcomes (POs) |     |     |     |     | Additional<br>Programme<br>Outcomes (APOs) |       |  |
|                             | <b>PO1</b>               | PO2 | PO3 | PO4 | PO5 | APO 1                                      | APO 2 |  |
| CO1                         | 2                        | 3   | 1   | 1   | 3   | 1  | 2     |  |
| CO2                         | 2                        | 2   | 1   | 1   | 2   | 1  | 2     |  |
| CO3                         | 2                        | 2   | 1   | 1   | 2   | 1  | 1     |  |
| CO4                         | 3                        | 2   | 1   | 2   | 2   | 1  | 1     |  |
| CO5                         | 2                        | 2   | 2   | 2   | 3   | 1  | 1     |  |
| PO / APO<br>Target<br>(Avg) | 2.2                      | 2.2 | 1.2 | 1.4 | 2.4 | 1.0  | 1.4   |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash). \$

| ect Name           | Quantitative Techniques For<br>Managers | Subject Code | KMBN206        |
|--------------------|---|--------------|----------------|
| Session & Semester | 2022-23 & II                            | Faculty Name | Dr. Mani Tyagi |

## COs

| CO<br>No. | Course Outcome (CO)  | Revised<br>Bloom's<br>Cognitive<br>Process<br>Level<br>(BL) | Knowledge<br>Category (KC) |
|-----------|--|---|----------------------------|
| CO1       | Analyze the decision-making environments by using decision making approaches and tools | (BL4:<br>Analyze)   | (KC: F,C,P)                |
| CO2       | Analyze various quantitative problems using Assignment model and Game theory model     | (BL4:<br>Analyze)   | (KC: C,P)                  |
| CO3       | Assess various quantitative problems the Sequencing and Queuing Methods                | (BL4:<br>Analyze)   | (KC: C,P)                  |
| CO4       | Evaluate Replacement strategies and Project<br>Management Techniques                   | (BL5:<br>Evaluate)  | (KC: C,P)                  |
| CO5       | Formulate LPP and find optimal solution  | (BL5:<br>Evaluate)  | (KC: C,P)                  |

#### CO - PO/APO/PSO Matrix

| Course<br>Outcomes       | I                   | Program | me Out | Additional Programme<br>Outcomes<br>APOs |       |       |      |
|--------------------------|---------------------|---------|--------|--|-------|-------|------|
| (COs)                    | PO1 PO2 PO3 PO4 PO5 |         |        |  | APO 1 | APO 2 |      |
| CO1                      | 2                   | 3       |        |  | 1     |       | 2    |
| CO2                      | 1                   | 3       | 1      | 1  |       | 1     | 1    |
| CO3                      | 1                   | 3       | 1      |  |       | 1     | 1    |
| CO4                      | 1                   | 2       | 2      | 1  |       | 1     | 1    |
| CO5                      | 1                   | 3       |        | 1  | 1     | 1     | 1    |
| PO / APO Target<br>(Avg) | 1.20                | 2.8     | 1.33   | 1.00                                     | 1.00  | 1.00  | 1.20 |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | Subject Name DMEC |              | KMBN207   |
|--------------------|-------------------|--------------|-----------|
| Session & Semester | 2022-23 & II      | Faculty Name | Dr. Deepa |

|           | Table 8 Tagging COS with DLS  |                      |                               |
|-----------|---|----------------------|-------------------------------|
| CO<br>No. | Statement of Course Outcome   | Bloom's<br>Cognitive | Knowledge<br>Catego           |
| Afte      | r completion of the course, the student will be able to   | Process Level        | ry                            |
|           |   | ( <b>BL</b> )        | (KC)                          |
| CO1       | Acquire a sound understanding of the legal aspects<br>of<br>the laws affecting businesses' contracts.                                   | Understand (BL2)     | Conceptual &<br>Procedural    |
| CO2       | Analyze requirements of Negotiable Instruments<br>Act<br>and Law of Partnership for the purpose of<br>conducting business               | Analysing<br>(BL4)   | Conceptual<br>&<br>Procedural |
| CO3       | Analyze provisions of Companies Act concerning<br>incorporation and regulation of business<br>organizations                             | Analysing<br>(BL4)   | Conceptual<br>&<br>Procedural |
| CO4       | Evaluate legal impact of business decisions of Sales<br>and consumer related matters  | Evaluating<br>(BL5)  | Conceptual &<br>Procedural    |
| CO5       | Appraise the leading practical application-oriented<br>case studies and case laws in arriving at conclusions<br>for business decisions. | Evaluating<br>(BL5)  | Conceptual<br>&<br>Procedural |

## Table 8 Tagging COs with BLs & KCs

#### Table 9 CO - PO/APO/PSO Matrix

| Course<br>Outco<br>mes   |     | Progra | mme Ou | utcome | s (POs) | Additional Programme<br>Outcomes<br>APOs |       |
|--------------------------|-----|--------|--------|--------|---------|--|-------|
| (COs)                    | PO1 | PO2    | PO3    | PO4    | PO5     | APO 1                                    | APO 2 |
| CO1                      | 1   | 1      | 1      |        |         |  | 1     |
| CO2                      | 1   | 1      | 1      |        |         |  | 1     |
| CO3                      | 1   | 2      | 1      |        |         |  | 1     |
| CO4                      | 1   | 2      | 1      |        |         |  | 1     |
| CO5                      | 1   | 1      | 1      |        |         | 1  | 1     |
| PO / APO Target<br>(Avg) | 1   | 1.4    | 1      |        |         | 1  | 1     |
| P                        | ·   |        | $\sim$ | 1.01   |         | $\mathcal{O}$                            | /     |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as the ween cos as the ween cos and POs/ PSOs/APOs should be represented as the ween cos as the ween correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash). \$

| Subject Name       | Management<br>Information System | Subject Code | KMBN-208            |
|--------------------|----------------------------------|--------------|---------------------|
| Session & Semester | 2022-23 <b>IInd</b>              | Faculty Name | Dr. Shivani Agarwal |

| CO No.  | Statement of Course Outcome   | Bloom's<br>Cognitive  | Knowledge<br>Category(KC) |  |
|---|---|-----------------------|---------------------------|--|
| After completion of the course, the student will be able to |   | Process<br>Level (BL) |                           |  |
| CO1   | Understand the importance of information management in business and management. | 2                     | С                         |  |
| CO2   | Understand and formulate different types of information systems in business     | 3                     | С                         |  |
| CO3   | Apply the concepts in SQL Queries with the help of Oracle software              | 4                     | Р                         |  |
| CO4   | Analyze the various security and ethical issues<br>with<br>Information Systems  | 4                     | Р                         |  |
| CO5   | Evaluate SQL Queries on Spread sheet and<br>Database<br>Software                | 4                     | Р                         |  |

## COs with BLs & KCs

#### CO - PO/APO/PSO Matrix

| Course<br>Outcomes(COs)  | Program Outcomes (POs) |     |     |     |     |       | Additional Program<br>Outcomes APOs |  |
|--------------------------|------------------------|-----|-----|-----|-----|-------|-------------------------------------|--|
|                          | PO1                    | PO2 | PO3 | PO4 | PO5 | APO 1 | APO 2                               |  |
| CO1                      | 3                      |     |     | 1   |     |       | 2                                   |  |
| CO2                      | 2                      | 1   |     |     |     |       | 1                                   |  |
| CO3                      | 1                      | 2   | 1   |     | 1   | 2     |                                     |  |
| CO4                      | 1                      |     |     | 3   |     |       | 1                                   |  |
| CO5                      | 1                      | 2   | 2   |     | 2   | 2     |                                     |  |
| PO / APO Target<br>(Avg) | 1.6                    | 1.6 | 1.5 | 2   | 1.5 | 2     | 1.3                                 |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | IT LAB -2  | Subject Code | KMBN251           |
|--------------------|------------|--------------|-------------------|
| Session & Semester | 2022-23&II | Faculty Name | Dr. Prateek Gupta |

## Table 1 Tagging COs with BLs & KCs

| CO No. | Statement of Course Outcome                                | Bloom's<br>Cognitive<br>Process | Knowledge<br>Category |
|--------|--|---------------------------------|-----------------------|
|        | ter completion of the course, the student will be able to  | Level (BL)                      | (KC)                  |
| CO1    | Apply the knowledge of pivot tables.                       | App                             | Conceptual            |
|        | repry the knowledge of prot tubles.                        | ly                              | &                     |
|        |  | BL                              | Procedura             |
|        |  | 3                               | 1                     |
| CO2    | Evaluate the knowledge of validating & auditing techniques | Evalua                          | Conceptual            |
|        |  | te                              | &                     |
|        |  | BL 5                            | Procedura             |
|        |  |                                 | 1                     |
| CO3    | Analyze the different charting techniques in MS Excel      | Analy                           | Conceptual            |
|        |  | ze                              | &                     |
|        |  | BL 4                            | Procedura             |
|        |  |                                 | 1                     |

## Table CO - PO/APO/PSO Matrix

| Course<br>Outcom<br>es (COs) |      | Program Outcomes (POs) |       |     |      | Additional Program<br>Outcomes<br>APOs |       |
|------------------------------|------|------------------------|-------|-----|------|--|-------|
|                              | PO1  | PO2                    | PO3   | PO4 | PO5  | APO 1                                  | APO 2 |
| CO1                          | 2    | 1                      | 1     | 1   | 2    | 1                                      | -     |
| CO2                          | 1    | 1                      | 1     | 1   | 1    | 2                                      | -     |
| CO3                          | 1    | 2                      | 2     | 1   | 2    | 1                                      | 1     |
| PO / APO Target<br>(Avg)     | 1.33 | 1.33                   | 1.33  | 1   | 1.66 | 1.33                                   | 0.33  |
| Mani                         |      |                        | Jours | 2   |      |  |       |
| Assoc./ Asst. Head D         | OC   |                        | Addl. | HoD |      | HoD                                    |       |

## Please Note (Reference: OBE Guidelines wef. Session 2021 – 22)

KIET School of Management KIET Group of Institutions The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.

Head of Department

If there is no correlation, then put a "-" (dash). \$

| Subject Name       | ETIGBE       | Subject Code | KMBN401           |
|--------------------|--------------|--------------|-------------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Prateek Gupta |

|   | COs with BLs & K   | Cs                    |                            |
|---|--|-----------------------|----------------------------|
| CO<br>No.   | Statement of Course Outcome  | Bloom's<br>Cognitive  | Knowledge<br>Category      |
| After completion of the course, the student will be able to |  | Process Level<br>(BL) | (KC)                       |
| CO1   | Examine International Business in the wake of  | Apply                 | Conceptual &               |
| COI   | Industry 4.0   | BL 3                  | Procedural                 |
| CO2   | Analyze the new technologies that are driving change in business operations and strategy | Analyze<br>BL 4       | Conceptual &<br>Procedural |
| CO3   | Analyze shifts in economic thought and its impact on business decisions                  | Analyze<br>BL 4       | Conceptual &<br>Procedural |
| CO4   | Evaluate changing geopolitics and its impact on international Business                   | Evaluate<br>BL 5      | Conceptual &<br>Procedural |
| CO5   | Assess issues and challenges in the Global World<br>and find sustainable solutions       | Evaluate<br>BL 5      | Conceptual &<br>Procedural |

# CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     |     | Additional Programme<br>Outcomes<br>APOs |       |  |
|--------------------------|--------------------------|-----|-----|-----|-----|--|-------|--|
|                          | PO1                      | PO2 | PO3 | PO4 | PO5 | APO 1                                    | APO 2 |  |
| CO1                      | 3                        | 2   | 2   | 3   | 2   | 1  | 2     |  |
| CO2                      | 2                        | 2   | 1   | 3   | 1   | -  | 2     |  |
| CO3                      | 2                        | 3   | 1   | 3   | 1   | -  | 2     |  |
| CO4                      | 2                        | 2   | 1   | 3   | 1   | -  | 2     |  |
| CO5                      | 3                        | 1   | 1   | 3   | 1   | 1  | 2     |  |
| PO / APO Target<br>(Avg) | 2.4                      | 2   | 1.2 | 3   | 1.2 | 1  | 2     |  |

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- Ghaziab The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash). \$

| Subject Name       | HR Analytics           | Subject Code | KMBHR03            |
|--------------------|------------------------|--------------|--------------------|
| Session & Semester | 2022-23 <b>&amp;IV</b> | Faculty Name | Dr Shivani Agarwal |

|   | COs with BLs & KC   | S                     |                            |
|---|---|-----------------------|----------------------------|
| CO<br>No.   | Statement of Course Outcome   | Bloom's<br>Cognitive  | Knowledge<br>Category      |
| After completion of the course, the student will be able to |   | Process Level<br>(BL) | (KC)                       |
| CO1   | Apply HR Analytical tools and techniques for decision making.                       | Apply<br>BL 3         | Conceptual &<br>Procedural |
| CO2   | Evaluate the demand forecasting and selection models of HR.                         | Evaluate<br>BL 5      | Conceptual &<br>Procedural |
| CO3   | Analyze the performance analysis and compensation system.                           | Analyze<br>BL 4       | Conceptual &<br>Procedural |
| CO4   | Evaluate the impact of interventions for formulating responsible investments in HR. | Evaluate<br>BL 5      | Conceptual &<br>Procedural |
| CO5   | Design the HR Metrics and HR Dashboards   | Create<br>BL 6        | Meta-<br>Cognitive         |

## COs with BLs & KCs

### CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Program Outcomes (POs) |     |     |     | Additional Program Outcomes<br>APOs |       |       |
|--------------------------|------------------------|-----|-----|-----|-------------------------------------|-------|-------|
|                          | PO1                    | PO2 | PO3 | PO4 | PO5                                 | APO 1 | APO 2 |
| CO1                      | 2                      | 1   | 1   | 1   | 2                                   | 1     | -     |
| CO2                      | 1                      | 1   | 1   | 1   | 1                                   | 2     | -     |
| CO3                      | 1                      | 2   | 2   | 1   | 2                                   | 1     | 1     |
| CO4                      | 2                      | 2   | 1   | 2   | 2                                   | 2     | 2     |
| CO5                      | 2                      | 3   | 1   | 2   | 2                                   | 2     | 2     |
| PO / APO Target<br>(Avg) | 1.6                    | 1.8 | 1.2 | 1.4 | 1.8                                 | 1.6   | 1.67  |

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HoD Head of Department KIET School of Management KIET Group of Institutions

- The strength of correlation between COs and POs/ PSOs/APOs should be represented as a feature (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

| Subject Name       | Performance &<br>Reward Management | Subject Code | KMBNHR04         |
|--------------------|------------------------------------|--------------|------------------|
| Session & Semester | 2022-23 & IV                       | Faculty Name | Dr. Puja Roshani |

#### COs with BLs & KCs

| CO No.     | Statement of Course Outcome   | Bloom's Cognitive | Knowledge                    |
|------------|---|-------------------|------------------------------|
| After comp |   |                   | Category (KC)                |
| CO1        | Apply the Performance Management methods.   |                   | Conceptual and Procedural    |
| CO2        | Analyze the 360 degree<br>Performance appraisal, performance<br>feedback & counselling methods. | •                 | Conceptual and<br>Procedural |
| ~ ~ ~      | Analyse Balance score card for career development and succession planning.                      |                   | Conceptual and Procedural    |
|            | real real real real real real real real   |                   | Conceptual and Procedural    |
| a a .      | r j i i i i i i i i i i i i i i i i i i   |                   | Conceptual and Procedural    |

#### CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     |     | Additional Programme<br>OutcomesAPOs |       |
|--------------------------|--------------------------|-----|-----|-----|-----|--------------------------------------|-------|
|                          | PO1                      | PO2 | PO3 | PO4 | PO5 | APO 1                                | APO 2 |
| CO1                      | 3                        | 1   | 1   | 1   | 1   | -                                    | -     |
| CO2                      | 1                        | 2   | -   | 1   | 2   | -                                    |       |
| CO3                      | 1                        | 2   | 1   | 2   | 2   | 1                                    | -     |
| CO4                      | 1                        | 1   | 0   | 1   | 2   | 1                                    | -     |
| CO5                      | 1                        | 2   | -   | 1   | 2   | 1                                    | -     |
| PO / APO Target<br>(Avg) | 1.4                      | 1.6 | 1   | 1.2 | 1.8 | 1                                    | -     |

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Aðdl. HoD



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- Ghaziabad The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash). \$

| Subject Name       | IHRM         | Subject Code | KMBNHRO5        |
|--------------------|--------------|--------------|-----------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Ms. Sapna Yadav |

| COs with BLs & KCs |  |                                   |                              |  |  |  |  |  |
|--------------------|--|-----------------------------------|------------------------------|--|--|--|--|--|
| S.N O              | COURSE OUTCOME   | Blooms' Cognitive<br>Process (BL) | Knowledge<br>Category (KC)   |  |  |  |  |  |
| After Co           | mpletion of course, the student will be al                             | ble to:                           |                              |  |  |  |  |  |
| CO 1               | Analyze the workforce diversity in contexts with International HRM.    | BL4(Analyze)                      | Conceptual and<br>Procedural |  |  |  |  |  |
| CO 2               | Apply the knowledge about the HR<br>Processes in International Context | BL3(Apply)                        | Conceptual and<br>Procedural |  |  |  |  |  |
| CO 3               | Evaluate the impacts of Globalization on HRM                           | BL5(Evaluate)                     | Conceptual and<br>Procedural |  |  |  |  |  |
| CO 4               | Create the desired level of expertise on organizational level          | BL6 (Create)                      | Conceptual and<br>Procedural |  |  |  |  |  |
| CO 5               | Apply the International culture in SHRM                                | BL3 (Apply)                       | Conceptual and<br>Procedural |  |  |  |  |  |

## CO - PO/APO/PSO Matrix

|         | PO-1 | PO-2 | PO-3 | PO-4 | PO-5 | APO-1 | APO-2 |
|---------|------|------|------|------|------|-------|-------|
| CO-1    | 1    | 1    | -    | 1    | -    | -     | 1     |
| CO-2    | 1    | 2    | 1    | 1    | 1    | -     | 1     |
| CO-3    | 1    | 2    | -    | 1    | -    | 1     | -     |
| CO-4    | 1    | 1    | 2    | 1    | 1    | -     | -     |
| CO-5    | 1    | 1    | 1    | 1    | 1    | 1     | 1     |
| Average | 1    | 1.40 | 1.33 | 1    | 1    | 1     | 1     |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name          | B2B & Service<br>Marketing | Subject Code | KMBNMK03                 |
|-----------------------|----------------------------|--------------|--------------------------|
| Session &<br>Semester | 2022-23 <b>-4th</b>        | Faculty Name | Dr. Binkey<br>Srivastava |

## COs with BLs & KCs

| CO<br>No.<br>After com<br>be able to | <b>Statement of</b><br><b>Course Outcome</b><br>pletion of the course, the student will | Bloom's<br>Cognitive<br>Process Level<br>(BL) | Knowledge<br>Category<br>(KC) |  |
|--------------------------------------|---|---|-------------------------------|--|
| CO1                                  | Apply the strategic tools in B2B marketing  | Applying BL 3                                 | Conceptual                    |  |
| CO2                                  | Apply the IMC and distribution strategies in B2B marketing                              | Applying BL 3                                 | Procedural                    |  |
| CO3                                  | Analyze various aspects of price setting in B2B markets                                 | Analyzing BL 4                                | Procedural                    |  |
| CO4                                  | Assess service standards and design   | Evaluate BL 5                                 | Meta- Cognitive               |  |
| CO5                                  | Evaluate service performance for excellence.  | Evaluate BL 5                                 | Meta- Cognitive               |  |

## CO - PO/APO/PSO Matrix

| Course Outcomes (COs) |     | Programme Outcomes (POs) Additional<br>Programme Outcomes<br>APOs |     |     |     |       | utcomes |
|-----------------------|-----|---|-----|-----|-----|-------|---------|
|                       | PO1 | PO2   | PO3 | PO4 | PO5 | APO 1 | APO 2   |
| CO1                   | 2   | 2   |     | 1   | 2   |       |         |
| CO2                   | 2   | 2   |     | 2   | 1   |       |         |
| CO3                   | 2   | 3   |     | 2   | 2   |       |         |
| CO4                   | 2   | 2   | 1   | 2   | 2   | 2     | 1       |
| CO5                   | 2   | 2   |     | 3   | 2   | 1     |         |
| PO / APO Target (Avg) | 2   | 2.2   | 1   | 2   | 1.8 | 1.5   | 1       |

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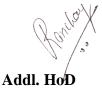
- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | Sales and Retail<br>Management | Subject Code | KMBNMK04         |  |
|--------------------|--------------------------------|--------------|------------------|--|
| Session & Semester | 2022-23 & IV                   | Faculty Name | Dr. Mrinal Verma |  |

| COs with BLs & KCs  |   |                                 |                       |  |  |  |  |
|---|---|---------------------------------|-----------------------|--|--|--|--|
| CO<br>No.   | Statement of Course Outcome   | Bloom's<br>Cognitive<br>Process | Knowledge<br>Category |  |  |  |  |
| After completion of the course, the student will be able to |   | Level (BL)                      | (KC)                  |  |  |  |  |
| CO1   | Apply the skills in Sales management process.                             | Applying<br>BL 3                | Procedural            |  |  |  |  |
| CO2   | Illustrate various Sales management strategies                            | Applying<br>BL 3                | Procedural            |  |  |  |  |
| CO3   | Analyze various management tools on leadership skill.                     | Analyzing<br>BL 4               | Procedural            |  |  |  |  |
| CO4   | Assess the local and global organizational decision in Retail Management. | Evaluate<br>BL 5                | Meta-<br>Cognitive    |  |  |  |  |
| CO5   | Evaluate the retail store formats and it's operations.                    | Evaluate<br>BL 5                | Meta-<br>Cognitive    |  |  |  |  |

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |      |     |     | Additional Programme<br>OutcomesAPOs |       |
|--------------------------|--------------------------|-----|------|-----|-----|--------------------------------------|-------|
|                          | PO1                      | PO2 | PO3  | PO4 | PO5 | APO 1                                | APO 2 |
| CO1                      | 1                        | 2   | 1    | 1   | 1   |                                      |       |
| CO2                      | 1                        | 2   | 1    | 1   | 1   |                                      |       |
| CO3                      | 1                        | 1   | 2    | 1   | 1   | 1                                    |       |
| CO4                      | 1                        | 1   | 1    | 2   | 1   | 1                                    | 1     |
| CO5                      | 1                        | 1   |      | 1   | 1   | 1                                    |       |
| PO / APO Target (Avg     | ) 1                      | 1.4 | 1.25 | 1.2 | 1   | 1                                    | 1     |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | SMWA         | Subject Code | KMBNMK05  |
|--------------------|--------------|--------------|-----------|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Deepa |

| COS with DLS & KCS |  |                       |                       |  |  |  |  |
|--------------------|--|-----------------------|-----------------------|--|--|--|--|
| CO<br>No.          | Statement of Course Outcome  | Bloom's<br>Cognitive  | Knowledge<br>Category |  |  |  |  |
| After              | completion of the course, the student will be able to  | Process<br>Level (BL) | (KC)                  |  |  |  |  |
| CO1                | Examine the social media and web analytics platform  | Apply<br>BL 3         | С, Р                  |  |  |  |  |
| CO2                | Analyze Social network and Web Analytics Fundamentals  | Analyze<br>BL 4       | С, Р                  |  |  |  |  |
| CO3                | Analyze Matrices and Web Analytics tool  | Analyze<br>BL 4       | С, Р                  |  |  |  |  |
| CO4                | Evaluate Facebook and Google Analytics   | Evaluate<br>BL 5      | С, Р                  |  |  |  |  |
| CO5                | Assess web analytics strategies for effective decision alternatives in social media operations | Evaluate<br>BL 5      | С, Р                  |  |  |  |  |

## COs with BLs & KCs

#### CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     | Ds) | Additional Programme<br>Outcomes<br>APOs |       |  |
|--------------------------|--------------------------|-----|-----|-----|-----|--|-------|--|
|                          | PO1                      | PO2 | PO3 | PO4 | PO5 | APO 1                                    | APO 2 |  |
| CO1                      | 3                        | 2   | -   | 1   | 1   | -  | 1     |  |
| CO2                      | 3                        | 2   | -   | 1   | 1   | -  | 1     |  |
| CO3                      | 1                        | 3   | _   | 1   | 1   | 1  | 1     |  |
| CO4                      | 1                        | 3   | -   | 1   | 1   | 1  | 2     |  |
| CO5                      | 1                        | 3   | -   | 1   | 1   | 2  | 2     |  |
| PO / APO Target<br>(Avg) | 1.8                      | 2.6 | -   | 1   | 1   | 1.33                                     | 1.4   |  |
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#### Please Note (Reference: OBE Guidelines wef. Session 2021 – 22)

The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.

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• If there is no correlation, then put a "-" (dash).

| Subject Name       | FD           | Subject Code | KMBN FM03         |
|--------------------|--------------|--------------|-------------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Ms. Punjika Rathi |

| CO<br>No. | Statement of Course Outcome                                 | Bloom's<br>Cognitive  | Knowledge<br>Category      |
|-----------|---|-----------------------|----------------------------|
| After     | completion of the course, the student will be able to       | Process Level<br>(BL) | (KC)                       |
| CO1       | Understand different types of Derivatives and Hedging.      | Understand<br>BL 2    | Conceptual &<br>Procedural |
| CO2       | Analyze & Apply Forward & Futures for hedging purposes.     | Analyze<br>BL 4       | Conceptual &<br>Procedural |
| CO3       | Evaluate the impact of Options contracts as a hedging tool. | Evaluate<br>BL 5      | Conceptual &<br>Procedural |
| CO4       | Illustrate & Assess Swaps and their use.                    | Analyze<br>BL 4       | Conceptual &<br>Procedural |

## COs with BLs & KCs

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     |     | Additional Programme<br>Outcomes<br>APOs |       |
|--------------------------|--------------------------|-----|-----|-----|-----|--|-------|
|                          | PO1                      | PO2 | PO3 | PO4 | PO5 | APO 1                                    | APO 2 |
| CO1                      | 1                        | 2   | 1   | 2   | 1   | -  | 1     |
| CO2                      | 1                        | 2   |     | 2   |     | -  | 1     |
| CO3                      | 1                        | 2   |     | 2   |     | -  | 1     |
| CO4                      | 1                        | 2   |     | 2   |     | -  | 1     |
| PO / APO Target<br>(Avg) | 1                        | 2   | 1   | 2   | 1   | -  | 1     |

#### CO - PO/APO/PSO Matrix

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

| Subject Name       | FERM         | Subject Code | KMBN FM04         |  |
|--------------------|--------------|--------------|-------------------|--|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Prateek Gupta |  |

|           | COs with BLs & KCs                                       |                       |                            |  |  |  |  |  |
|-----------|--|-----------------------|----------------------------|--|--|--|--|--|
| CO<br>No. | Statement of Course Outcome                              | Bloom's<br>Cognitive  | Knowledge<br>Category      |  |  |  |  |  |
| After     | completion of the course, the student will be able to    | Process Level<br>(BL) | (KC)                       |  |  |  |  |  |
| CO1       | Examine the BOP and various exchange rate system         | Apply<br>BL 3         | Conceptual &<br>Procedural |  |  |  |  |  |
| CO2       | Analyze the theories of exchange rate determination      | Analyze<br>BL 4       | Conceptual &<br>Procedural |  |  |  |  |  |
| CO3       | Analyze the foreign exchange transactions mechanism      | Analyze<br>BL 4       | Conceptual &<br>Procedural |  |  |  |  |  |
| CO4       | Evaluate the exchange dealings                           | Evaluate<br>BL 5      | Conceptual &<br>Procedural |  |  |  |  |  |
| CO5       | Assess various foreign exchange risks and its management | Evaluate<br>BL 5      | Conceptual &<br>Procedural |  |  |  |  |  |

#### CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     |     | Additional Programme<br>Outcomes<br>APOs |       |  |
|--------------------------|--------------------------|-----|-----|-----|-----|--|-------|--|
|                          | PO1                      | PO2 | PO3 | PO4 | PO5 | APO 1                                    | APO 2 |  |
| CO1                      | 2                        | 3   | -   | 3   | 1   | -  | 2     |  |
| CO2                      | 3                        | 3   | -   | 3   | 1   | -  | 2     |  |
| CO3                      | 2                        | 3   | -   | 3   | 1   | -  | 2     |  |
| CO4                      | 2                        | 3   | -   | 3   | 1   | -  | 2     |  |
| CO5                      | 2                        | 3   | -   | 3   | 1   | _  | 2     |  |
| PO / APO Target<br>(Avg) | 2.2                      | 3   | -   | 3   | 1   | -  | 2     |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | FCRA         | Subject Code | KMBN FM 05       |  |
|--------------------|--------------|--------------|------------------|--|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Puja Roshani |  |

|           | Tuble To Tugging                              | gging COS with DLS & KCS |                    |  |  |
|-----------|---|--------------------------|--------------------|--|--|
| CO<br>No. | Statement of Course Outcome                   | Bloom's<br>Cognitive     | Knowledge Category |  |  |
| After o   | completion of the course, the student will be | <b>Process Level</b>     | (KC)               |  |  |
|           | able to                                       | ( <b>BL</b> )            |                    |  |  |
| CO1       | Examine about various types of financial      | Apply                    | Conceptual &       |  |  |
| COI       | credit.                                       | BL 3                     | Procedural         |  |  |
| CO2       | Examine the credit risk and its rating.       | Apply                    | Conceptual &       |  |  |
| 02        | Examine the credit risk and its rating.       | BL 3                     | Procedural         |  |  |
| CO3       | Analyze credit commitments and its            | Analyze                  | Conceptual &       |  |  |
| COS       | application                                   | BL 4                     | Procedural         |  |  |
| CO4       | Evaluation of risk management and             | Evaluate                 | Conceptual &       |  |  |
| C04       | corporate governance.                         | BL 5                     | Procedural         |  |  |
| CO5       | Measure riskiness of a stock or a portfolio   | Evaluate                 | Conceptual &       |  |  |
| COS       | position.                                     | BL 5                     | Procedural         |  |  |

## Table 10 Tagging COs with BLs & KCs

#### Table 11 CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     |       | Additional Programme<br>Outcomes<br>APOs |   |  |
|--------------------------|--------------------------|-----|-----|-----|-------|--|---|--|
|                          | PO1                      | PO2 | PO3 | PO4 | APO 1 | APO 2                                    |   |  |
| CO1                      | 2                        | 2   | -   | 2   | 2     | 1  | 1 |  |
| CO2                      | 3                        | 3   | -   | 2   | 2     | 1  | 1 |  |
| CO3                      | 2                        | 3   | -   | 2   | 2     | 1  | 1 |  |
| CO4                      | 3                        | 3   | -   | 2   | 2     | 1  | 1 |  |
| CO5                      | 3                        | 3   | -   | 3   | 1     | 1  | 1 |  |
| PO / APO Target<br>(Avg) | 2.6                      | 2.8 | -   | 2.2 | 1.8   | 1  | 1 |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

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| Subject Name       | Database          | Subject Code | (KMBNIT-03)      |  |
|--------------------|-------------------|--------------|------------------|--|
|                    | Management System |              |                  |  |
| Session & Semester | 2022-23 & IV      | Faculty Name | Ms. Neelam Rawat |  |

#### **Course Outcome**

| CO No.  | Statement of Course Outcome   | Rele<br>vant | Bloom's<br>Cognitive     | Knowledge<br>Category |
|---|---|--------------|--------------------------|-----------------------|
| After completion of the course, the student will be able to |   | POs/<br>APOs | Process<br>Level<br>(BL) | (KC)                  |
| CO1   | <b>Understand</b> concept of DBMS and ER<br>Models for efficient Database Design  | PO1, PO2     | BL2                      | F, C, P               |
| CO2   | <b>Interpret</b> solutions to a query problem using SQL commands, Relational Algebra and Calculus                                     | PO1          | BL3                      | F, C, P               |
| CO3   | <b>Use</b> Normalization concept to normalize a given Relation to the desired Normal Form   | PO1, PO2     | BL3                      | F, C, P               |
| CO4   | <b>Describe</b> need of transaction processing,<br>recovery mechanism from transaction<br>failures and concurrency control techniques | PO1, PO2     | BL2                      | F, C, P               |
| CO5   | <b>Summarize</b> various type of DBMS architectures and Databases of current trends.  | PO1, PO2     | BL2                      | F, C                  |

**Tagging COs with BLs & KCs** 

| Course<br>Outcomes<br>(COs) |     | Program Outcomes (POs) |     |     |     |       | APOs  |  |
|-----------------------------|-----|------------------------|-----|-----|-----|-------|-------|--|
|                             | PO1 | PO2                    | PO3 | PO4 | PO5 | APO 1 | APO 2 |  |
| CO1                         | 3   | 2                      |     |     |     |       |       |  |
| CO2                         | 2   |                        |     |     |     |       |       |  |
| CO3                         | 2   | 2                      |     |     |     |       |       |  |
| CO4                         | 2   | 2                      |     |     |     |       |       |  |
| CO5                         | 1   | 3                      |     |     |     |       |       |  |
| PO / APO Target<br>(Avg)    | 2   | 2.25                   |     |     |     |       |       |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

| Subject Name       | ССВ          | Subject Code | KMBNIT04       |
|--------------------|--------------|--------------|----------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Amit Kumar |

#### Course Outcome

| CO No.    | Statement of Course Outcome   | Bloom's<br>Cognitive      | Knowledge<br>Category |
|-----------|---|---------------------------|-----------------------|
| After com | pletion of the course, the student will be able to  | Proces<br>s Level<br>(BL) | (KC)                  |
| CO1       | Describe the main concepts, key technologies, strengths, andlimitations of cloud computing. | BL2                       | F, C, P               |
| CO2       | Characterize the enabling technologies that help in the development of cloud.               | BL4                       | F, C, P               |
| CO3       | Differentiate the architecture cloud, service, and delivery models.                         | BL4                       | F, C, P               |
| CO4       | Justify the core issues of cloud computing like cloud virtualization                        | BL5                       | F, C, P               |
| CO5       | Figure out the emergence of cloud as the next generation computing paradigm.                | BL4                       | F, C, P               |

## COs with BLs & KCs

| Course<br>Outc           |     | APOs |     |     |     |          |          |
|--------------------------|-----|------|-----|-----|-----|----------|----------|
| omes<br>(COs)            | PO1 | PO2  | PO3 | PO4 | PO5 | APO<br>1 | APO<br>2 |
| CO1                      |     | 3    |     |     | 3   |          |          |
| CO2                      |     | 3    |     |     | 3   |          |          |
| CO3                      |     | 3    |     |     | 3   |          |          |
| CO4                      |     | 3    |     |     |     |          |          |
| CO5                      |     | 3    |     |     | 3   |          |          |
| PO / APO<br>Target (Avg) |     | 3    |     |     | 3   |          |          |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

| Subject Name       | Business Data<br>Warehousing & Data<br>Mining | Subject Code | KMBN IT05                   |
|--------------------|---|--------------|-----------------------------|
| Session & Semester | 2022-23 & IV                                  | Faculty Name | Siddheshwari Dutt<br>Mishra |

## **Course Outcomes**

| CO No.  | Statement of Course Outcome   |                                 | Bloom's                            |                            |
|---|---|---------------------------------|------------------------------------|----------------------------|
| After completion of the course, the student will be able to |   | Relevant POs/<br>APOs           | Cognitive<br>Process Level<br>(BL) | Knowledge<br>Category (KC) |
| CO1   | Explain the need and fundamentals of data warehousing.                        | PO1                             | 2                                  | C, F                       |
| CO2   | Illustrate the functioning and visualization<br>of<br>Data Warehousing tools. | PO1, PO2,<br>PO4, APO1          | 3                                  | С                          |
| CO3   | Understand the design and principle of data mining.                           | PO1                             | 2                                  | C, F                       |
| CO4   | Apply data mining tools for solving real<br>world problem                     | PO1, PO2,<br>PO4, APO1,<br>APO2 | 3                                  | C, F                       |
| CO5   | Compare algorithms used in information analysis of data mining techniques.    | PO1, PO2,<br>APO2               | 4                                  | С, Р                       |

### **CO - PO/APO Mapping**

| Course Outcomes<br>(COs) | Program Outcomes (POs) |      |     |     |     | APOs  |       |
|--------------------------|------------------------|------|-----|-----|-----|-------|-------|
|                          | PO1                    | PO2  | PO3 | PO4 | PO5 | APO 1 | APO 2 |
| CO1                      | 3                      |      |     |     |     |       |       |
| CO2                      | 3                      | 1    |     | 1   |     | 2     |       |
| CO3                      | 3                      |      |     |     |     |       |       |
| CO4                      | 3                      | 2    |     | 2   |     | 2     | 1     |
| CO5                      | 3                      | 2    |     |     |     |       | 1     |
| PO / APO Target (Avg)    | 3                      | 1.67 |     | 1.5 |     | 2     | 1     |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- ♦ If there is no correlation, then put a "-" (dash).

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| Subject Name       | QM           | Subject Code | KMBN OM 03          |
|--------------------|--------------|--------------|---------------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Meenakshi Tyagi |

|   | Table 12 Tagging CO   |                       |                            |  |
|---|---|-----------------------|----------------------------|--|
| CO No.  | Statement of Course Outcome   | Bloom's<br>Cognitive  | Knowledge                  |  |
| After completion of the course, the student will be able to |   | Process Level<br>(BL) | Category<br>(KC)           |  |
| CO1   | Examine the quality dimensions and its importance   | Apply<br>BL 3         | Conceptual&<br>Procedural  |  |
| CO2   | Examine the techniques of quality<br>control and its importance for<br>organizational competitiveness | Apply<br>BL 3         | Conceptual &<br>Procedural |  |
| CO3   | Analyze impacts of Quality Control tools in the organization.   | Analyze<br>BL 4       | Conceptual &<br>Procedural |  |
| CO4   | Evaluate of the International and Indian<br>Quality Control Standards                                 | Evaluate<br>BL 5      | Conceptual &<br>Procedural |  |
| CO5   | Evaluate Competency to use statistical methods for process quality control                            | Evaluate<br>BL 5      | Conceptual &<br>Procedural |  |

## Table 12 Tagging COs with BLs & KCs

#### Table 13 CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |     |     | Additional Programme<br>Outcomes APOs |       |       |
|--------------------------|--------------------------|-----|-----|-----|---------------------------------------|-------|-------|
|                          | PO1                      | PO2 | PO3 | PO4 | PO5                                   | APO 1 | APO 2 |
| CO1                      | 2                        | 1   | -   | 1   | 1                                     | 1     | 1     |
| CO2                      | 2                        | 2   | 1   | 1   | 2                                     | 1     | 1     |
| CO3                      | 2                        | 2   | 1   | 1   | 2                                     | 2     | 2     |
| CO4                      | 2                        | 2   | 1   | 1   | 2                                     | 1     | 1     |
| CO5                      | 2                        | 2   | -   | 2   | 2                                     | 1     | 1     |
| PO / APO Target<br>(Avg) | 2                        | 1.8 | 1   | 1.2 | 1.8                                   | 1.2   | 1.2   |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).

| Subject Name       | PSM          | Subject Code | KMBN OM 04      |
|--------------------|--------------|--------------|-----------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Dr. Sapna Yadav |

|   | COs with BLs & KCs  | 5                     |                            |
|---|---|-----------------------|----------------------------|
| CO No.  | Statement of Course Outcome                                   | Bloom's<br>Cognitive  | Knowledge                  |
| After completion of the course, the student will be able to |   | Process Level<br>(BL) | Category<br>(KC)           |
| CO1   | Apply knowledge about the procurement and sourcing management | Apply<br>BL 3         | Conceptual &<br>Procedural |
| CO2   | Examine the processes of sourcing<br>Man<br>agement           | Apply<br>BL 3         | Conceptual &<br>Procedural |
| CO3   | Analyze the Competency to vendor selection and rating         | Analyze<br>BL 4       | Conceptual &<br>Procedural |
| CO4   | Evaluating the process of initiating & executing the project. | Evaluate<br>BL 5      | Conceptual &<br>Procedural |
| CO5   | Evaluation of project scheduling & network analysis.          | Evaluate<br>BL 5      | Conceptual &<br>Procedural |

#### CO - PO/APO/PSO Matrix

| Course Outcomes<br>(COs) | Programme Outcomes (POs) |     |      |     | Additional Programme<br>Outcomes<br>APOs |       |       |
|--------------------------|--------------------------|-----|------|-----|--|-------|-------|
|                          | PO1                      | PO2 | PO3  | PO4 | PO5                                      | APO 1 | APO 2 |
| CO1                      | 2                        | 2   |      | 2   | 1  | 1     | 1     |
| CO2                      | 3                        | 2   |      | 1   | 1  | 1     | 1     |
| CO3                      | 2                        | 1   | 1    | 1   | 1  | 1     | 1     |
| CO4                      | 2                        | 1   | 2    | 1   | 1  | 1     | 1     |
| CO5                      | 2                        | 1   | 2    | 1   | 1  | 1     | 1     |
| PO / APO Target<br>(Avg) | 2.2                      | 1.4 | 1.67 | 1.2 | 1  | 1     | 1     |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO - PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash). \$

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| Subject Name       | MMS          | Subject Code | KMBN OM 05      |
|--------------------|--------------|--------------|-----------------|
| Session & Semester | 2022-23 & IV | Faculty Name | Ms. Sapna Yadav |

### COs with BLs & KCs

|          |                    |   | COURSE N     | AME     | : MBA                             |      |                              |                              |  |
|----------|--------------------|---|--------------|---------|-----------------------------------|------|------------------------------|------------------------------|--|
| S.N<br>O | (                  | COURSE OUTCOME                            |              |         | Blooms' Cognitive<br>Process (BL) |      | Knowledge<br>Category (KC)   |                              |  |
| After Co | mpletion o         | f course, the                             | student will | be able | to:                               |      |                              |                              |  |
| CO 1     | Apply the System.  | Apply the different Manufacturing System. |              |         | BL3(Apply)                        |      | Conceptual and<br>Procedural |                              |  |
| CO 2     |                    | nanufacturing<br>ystems of ma             |              |         | BL3(Apply)                        |      |                              | Conceptual &<br>Procedural   |  |
| CO 3     | manufactu          | ustainable and<br>iring practices         |              |         | BL4(Analyze)                      |      | Conceptual<br>Procedura      | ıl                           |  |
| CO 4     | Analyze strategies | the various capacity planning<br>s.       |              |         | BL4(Analyze)                      |      |                              | Conceptual and<br>Procedural |  |
| CO 5     | Evaluate<br>system | various tools                             |              |         | BL5(Evaluate)                     |      |                              | Conceptual and<br>Procedural |  |
|          |                    | PO-1                                      | PO-2         | PO-3    |                                   | PO-5 | 5 APO-1                      | APO-2                        |  |
| CO       | )-1                | 2   | 2            | -       | 1                                 | 2    | 1                            | -                            |  |
| CO       | )-2                | 1   | 2            | -       | 2                                 | 1    | 1                            | -                            |  |
| CO       | )-3                | 1   | 2            | 2       | 2                                 | 1    | 1                            | 1                            |  |
| CO       | )-4                | 1   | 2            | -       | 2                                 | 1    | 1                            | 1                            |  |
| CO       | )-5                | 1   | 2            | -       | 2                                 | 2    | 1                            | 1                            |  |
|          |                    | 1.2                                       | 2            | 2       | 1.8                               | 1.4  | 1                            | 1                            |  |

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- The strength of correlation between COs and POs/ PSOs/APOs should be represented as 1 (low correlation), 2 (medium correlation) and 3 (high correlation) in CO PO/APO/PSO Matrix.
- If there is no correlation, then put a "-" (dash).