

Bachelor of Business Administration

Attainment of Outcomes Computation of CO Attainment

Course: Business and Organization Environment

Credits: 02

OUTCOMES: Students will be able to

CO1- Understand the various classifications of business, industry, and trade.

CO2- Explain the various form of Business Organization.

CO3- Understand the types of companies and the steps involved in the formation of a company.

CO4- Explain the various dimensions of the Business environment and their impact.

CO5- Discuss the impact of Government policy on the business industry with liberalization, privatization, and globalization.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-----------------|--------------|--------------|
| CO1 | Explains the various classification of business, industry and trade. | Conceptual | Understand | 14 | PO1,PO6,PS01 |
| CO2 | Discussing the various forms of business Organisation. | Conceptual | Understand | 12 | PO3,PO4, |
| CO3 | Discussing the types of companies and the steps involved in formation of a company. | Factual | Understand | 08 | PO5,PSO2 |
| CO4 | Explains the various dimensions of business environment | Conceptual | Understand | 14 | PO7,PO5 |
| CO5 | Discussing the impact of Government policy of business industry with liberalization, privatization and globalization. | Conceptual | Analyse | 08 | PO4,PSO2 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 1 |
| CO2 | 2 | 4 | 1 |
| CO3 | 2 | 4 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|--------------------|--------------------|--------------------|--------------------------|
| CO1 | 1.8/2 | 1.9/2 | 0.7/1 | 88 |
| CO2 | 1.8/2 | 3/4 | 0.6/1 | 90 |
| CO3 | 1/2 | 3.4/4 | 2.3/3 | 74.4 |
| CO4 | 1.5/2 | 0/0 | 1.5/2 | 75 |
| CO5 | 1.2/2 | 0/0 | 2.5/3 | 74 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 61.48 |
| CO2 | 61.48 |
| CO3 | 61.48 |
| CO4 | 61.48 |
| CO5 | 61.48 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 88 | 61.48 | 69.436 |
| CO2 | 90 | 61.48 | 70.036 |
| CO3 | 74.4 | 61.48 | 65.356 |

| | | | |
|-----|----|-------|--------|
| CO4 | 75 | 61.48 | 65.536 |
| CO5 | 74 | 61.48 | 65.236 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 60 |
| CO3 | 65 |
| CO4 | 70 |
| CO5 | 65 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 69.436 | 60 | -9.436 |
| CO2 | 70.036 | 60 | -10.036 |
| CO3 | 65.356 | 65 | -0.356 |
| CO4 | 65.536 | 65 | 4.464 |
| CO5 | 65.236 | 60 | -0.236 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | -9.436 | | 70 |
| CO2 | 60 | -10.036 | | 70 |
| CO3 | 65 | -0.356 | | 70 |
| CO4 | 65 | 4.464 | | 70 |
| CO5 | 60 | -0.236 | | 70 |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|------------------|----------------|
| CO1 | PO1,PO6,PSO1 | 14 |
| CO2 | PO3,PO4,PO1 | 12 |
| CO3 | PO5,PSO2,PO3 | 8 |
| CO4 | PO7,PO5,PO1,PSO1 | 14 |
| CO5 | PO4,PSO1 | 8 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|--|-----------------------|
| 40 OF 56 (71.4%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 20 OF 56 (35.7%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 20 OF 56 (35.7%) Sessions are devoted to PO4 | Mapping Strength is 2 |
| 22 OF 56 (39%) Sessions are devoted to PO5 | Mapping Strength is 2 |
| 14 OF 56 (25%) Sessions are devoted to PO6 | Mapping Strength is 2 |
| 14 OF 56 (25%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 36 OF 56 (64.2%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 16 OF 56 (28.57%) Sessions are devoted to PSO2 | Mapping Strength is 2 |



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Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|---|---|---|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BOE | 3 | -- | 2 | 2 | 2 | 2 | 2 | -- | -- | -- | -- | -- | 3 | 2 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%Percentage) |
|-----|--------------|--------------------------------|
| CO1 | PO1,PO6,PS01 | 69.436 |
| CO2 | PO3,PO4, | 70.036 |
| CO3 | PO5,PSO2 | 65.356 |
| CO4 | PO7,PO5 | 65.536 |
| CO5 | PO4,PSO2 | 65.236 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (69.436)/1 = 69.436$ |
| PO3 | $(2/3) \times (70.036)/1 = 70.036$ |
| PO4 | $(2/3) \times (70.036 + 65.236)/2 = 68.43$ |
| PO5 | $(2/3) \times (65.356 + 65.356)/1 = 87.13$ |
| PO6 | $(2/3) \times (69.43)/1 = 46.28$ |
| PO7 | $(2/3) \times (62.53)/1 = 41.68$ |
| PS01 | $(3/3) \times (69.43)/1 = 69.43$ |
| PS02 | $(2/3) \times (65.23 + 65.23)/2 = 43.62$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|--------|---|-------|--------|--------|--------|--------|---|---|----|----|----|--------|--------|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BOE | 3 | - | 2 | 2 | 2 | 2 | 2 | - | - | -- | -- | -- | 3 | 2 | - | - | - |
| Attainment | 0.6283 | | 0.401 | 0.4079 | 0.3978 | 0.4188 | 0.3596 | | | | | | 0.3816 | 0.4063 | | | |

Attainment of Outcomes Computation of CO Attainment Course Title: Fundamentals of Accounting 1.3

OUTCOMES: Students will be able to

CO1- Understand the Objectives, Functions, Uses of Accounting Information, Accounting Principles.

CO2- Understand the Process of Accounting Kinds, Rules, Transaction Analysis, Journal, Ledger Balancing of Accounts, Trial Balance.

CO3- Understand the types of Subsidiary books, Cash books, and Journal proper. Bank Reconciliation Statement.

CO4- Understand the Preparation of Profit & Loss Account and Balance Sheet (Vertical form).

CO5- Understand the Differences between single entry and double-entry systems.

| CO | Course Outcome | Cognitive Level | Knowledge category | No. of hours | POs/PSOs |
|------------|---|-------------------------------|---------------------------------|--------------|-------------------------|
| CO1 | Understand the Objectives, Functions, Users of Accounting Information, Accounting Principles. | Understand | Conceptual | 08 | PSO1, PO7, PO5 |
| CO2 | Understanding the Process of Accounting Kinds, Rules, Transaction Analysis, Journal, Ledger Balancing of Accounts, Trial Balance – Problems | Understand and Remember | Conceptual and Procedural | 10 | PSO1, PO1, PO5, PO7. |



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| | | | | | |
|------------|--|--------------------------------|------------|----|-----------------|
| CO3 | Determine the Types of Subsidiary books, Cash Book and Journal proper. Bank Reconciliation Statement. | Understand and Determine | Procedural | 10 | PSO3, PO1, PO7. |
| CO4 | Determine the Preparation of Profit & Loss Account and Balance Sheet (Vertical form). | Understand and Determine | Procedural | 10 | PSO3, PO1, PO7 |
| CO5 | Determine the Differences between single entry and double entry systems. | Understand and Determine | Procedural | 18 | PSO3, PO1, PO7 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1 |
| CO2 | 2 | 5 | 1 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 4.5/5 | 0.5/1 | 81.25 |
| CO2 | 1.8/2 | 4.5/5 | 1/1 | 91.25 |
| CO3 | 1.5/2 | 0 | 2.1/3 | 72 |
| CO4 | 1.5/2 | 0 | 2.6/3 | 82 |
| CO5 | 1.3/2 | 0 | 1.8/2 | 77.5 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 58 |
| CO2 | 58 |
| CO3 | 58 |
| CO4 | 58 |
| CO5 | 58 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | CO1 | 81.25 | 64.98 |
| CO2 | CO2 | 91.25 | 67.98 |
| CO3 | CO3 | 72 | 62.20 |
| CO4 | CO4 | 82 | 65.20 |
| CO5 | CO5 | 77.5 | 63.85 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 65 |
| CO2 | 65 |
| CO3 | 65 |
| CO4 | 65 |
| CO5 | 65 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 64.98 | 65 | 0.03 |
| CO2 | 67.98 | 65 | -2.97 |
| CO3 | 62.20 | 65 | 2.80 |
| CO4 | 65.20 | 65 | -0.20 |
| CO5 | 63.85 | 65 | 1.15 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|--|---------------------------------------|
| CO1 | 65 | 0.03 | Slight difference, this can be ignored | |
| CO2 | 65 | -2.97 | Revision of University Question Papers | |
| CO3 | 65 | 2.80 | Revision of University Question Papers | 70 |
| CO4 | 65 | -0.20 | Revision of University Question Papers | |
| CO5 | 65 | 1.15 | Slight difference, this can be ignored | 70 |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------|----------------|
| CO1 | PSO1, PO7, PO5 | 08 |
| CO2 | PSO1, PO1, PO5, PO7. | 10 |
| CO3 | PSO3, PO1, PO7. | 10 |
| CO4 | PSO3, PO1, PO7 | 10 |
| CO5 | PSO3, PO1, PO7 | 18 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|--------------------|
| 18 of 56 (32%) sessions are devoted to PSO1 | Mapping Strength 2 |
| 56 of 56 (100%) sessions are devoted to PO7 | Mapping Strength 3 |
| 18 of 56 (32%) sessions are devoted to PO5 | Mapping Strength 2 |
| 48 of 56 (86%) sessions are devoted to PO1 | Mapping Strength 3 |
| 38 of 56 (68%) sessions are devoted to PSO3 | Mapping Strength 3 |



Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------------|-----|---|---|---|---|---|---|---|---|----|----|----|------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Fundamentals of Accounting | 3 | | | | 2 | | 3 | | | | | | 2 | | 3 | | |

CO Attainment and POs/PSOs-

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PSO1,PO7, PO5 | 64.98 |
| CO2 | PSO1, PO1, PO5, PO7. | 67.98 |
| CO3 | PSO3, PO1, PO7. | 62.20 |
| CO4 | PSO3, PO1, PO7 | 65.20 |
| CO5 | PSO3, PO1, PO7 | 63.85 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PSO1 | $2/3 \times (67.98) / 1 = 45.32$ |
| PSO3 | $3/3 \times (62.20 + 65.20 + 63.85) / 3 = 63.75 \%$ |
| PO5 | $2/3 \times (64.98 + 67.98) / 2 = 44.32\%$ |
| PO1 | $3/3 \times (67.98 + 63.85 + 62.20 + 65.20) / 4 = 64.8 \%$ |
| PO7 | $3/3 \times (64.98 + 67.98 + 63.85 + 62.20 + 65.20) / 5 = 64.84 \%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------------|------|---|---|---|------|---|------|---|---|----|----|----|------|---|------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Fundamentals of Accounting | 3 | | | | 2 | | 3 | | | | | | 2 | | 3 | | |
| Attainment | .648 | | | | .443 | | .648 | | | | | | .453 | | .637 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Management Process

Credits: 02

OUTCOMES: Students will be able to

CO1- Understand the principles of Management and the social responsibility of Management.

CO2- Clarify the importance of planning and various steps of the decision-making process.

CO3- Understand the principles of organizing and nature, the importance of Staffing.

CO4- Understand the various types of Motivation and principles of co-ordination.

CO5- Discuss the essentials of the effective control system.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|--------------------|------------------------|--------------|--------------------------|
| CO1 | Understand the principles of Management and social responsibility of Management | Conceptual | Understand | 12 | PO1,PO2,PO3,PO5,PO7,PSO1 |
| CO2 | Clarify the importance of planning and various steps of decision making process. | Conceptual | Analyse | 08 | PO2,PO3,PO7,PSO1 |
| CO3 | Understand the principles of organising and nature, importance of Staffing | Conceptual | Understand | 14 | PO1,PO2,PO3,PO5,PO7,PSO1 |
| CO4 | Understand the various types of Motivation and principles of co-ordination | Conceptual | Understand and Analyse | 14 | PO1,PO2,PO7,PSO1 |
| CO5 | Discussing the essential of effective control system | Conceptual | Analyse | 08 | PO1,PO2,PO7,PO3,PSO1 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 1 |
| CO2 | 2 | 3 | 1 |
| CO3 | 2 | 5 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1/2 | 1.8/2 | 0.7/1 | 70 |
| CO2 | 1.1/2 | 2.7/3 | 0.7/1 | 75 |
| CO3 | 1/2 | 4.5/5 | 2/3 | 75 |
| CO4 | 1.2/2 | 0/0 | 1.8/2 | 75 |
| CO5 | 1.2/2 | 0/0 | 2.5/3 | 74 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 55.3 |
| CO2 | 55.3 |
| CO3 | 55.3 |
| CO4 | 55.3 |
| CO5 | 55.3 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 70 | 55.3 | 59.71 |
| CO2 | 75 | 55.3 | 61.21 |
| CO3 | 75 | 55.3 | 61.21 |
| CO4 | 75 | 55.3 | 61.21 |
| CO5 | 74 | 55.3 | 60.91 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 60 |
| CO3 | 55 |
| CO4 | 60 |
| CO5 | 60 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 59.71 | 60 | 0.29 |
| CO2 | 61.21 | 60 | -1.21 |
| CO3 | 61.21 | 55 | -6.21 |
| CO4 | 61.21 | 60 | -1.21 |
| CO5 | 60.91 | 60 | -0.91 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | 0.29 | | 65 |
| CO2 | 60 | -1.21 | | 65 |
| CO3 | 55 | -6.21 | | 65 |
| CO4 | 60 | -1.21 | | 65 |
| CO5 | 60 | -0.91 | | 65 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------------|----------------|
| CO1 | PO1,PO2,PO3,PO5,PO7, PSO1 | 12 |
| CO2 | PO2,PO3,PO7,PSO1 | 8 |
| CO3 | PO1,PO2,PO3,PO5,PO7, PSO1 | 14 |
| CO4 | PO1,PO2,PO7,PSO1 | 14 |
| CO5 | PO1,PO2,PO7,PO3,PSO 1 | 8 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 48 OF 56 (85.7%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 42 OF 56 (75%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 26 OF 56 (46.2%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|---|---|----|---|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| MP | 3 | -- | 3 | 3 | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%Percentage) |
|-----|--------------------------|--------------------------------|
| CO1 | PO1,PO2,PO3,PO5,PO7,PSO1 | 59.71 |
| CO2 | PO2,PO3,PO7,PSO1 | 61.21 |
| CO3 | PO1,PO2,PO3,PO5,PO7,PSO1 | 61.21 |
| CO4 | PO1,PO2,PO7,PSO1 | 61.21 |
| CO5 | PO1,PO2,PO7,PO3,PSO1 | 60.91 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (59.71+61.21+61.21+60.91)/4=60.75$ |
| PO2 | $(3/3) \times (59.71+61.21+61.21+60.91+61.2)5=60.84$ |
| PO3 | $(3/3) \times (59.71+61.21+61.21+60.91)/4=60.76$ |
| PO5 | $(3/3) \times (59.71+61.21)/2=60.46$ |
| PO7 | $(3/3) \times (59.71+61.21+61.21+60.91+61.2)5=60.84$ |
| PS01 | $(3/3) \times (59.71+61.21+61.21+60.91+61.2)5=60.84$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|------|------|------|---|------|---|-----|---|---|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| MP | 3 | 3 | 3 | - | 3 | - | 3 | - | - | -- | -- | -- | 3 | -- | - | -- | -- |
| Attainment | .675 | .684 | .676 | | .646 | | .68 | | | | | | .68 | | | | |

Attainment of Outcomes Computation of CO Attainment

Course: Quantitative Methods for Business I

Credits: 2

OUTCOMES: Students will be able to

CO1- Understand the basic concepts of Number systems, LCM, and HCF.

CO2- Understand the Application of different methods of solving Simple, Linear, and Simultaneous Equations.

CO3- Understand the Application of formulae for calculating Arithmetic Mean and Geometric Mean.

CO4- Understand the matrix operations and evaluate the determinants.

CO5- Understand the Application of formulae to evaluate Commercial Arithmetic problems.

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|--------------------|-------------------------|--------------|----------------------|
| CO1 | Understand the basic concepts of Number System, LCM and HCF | Conceptual | Understand and Remember | 04 | PSO1, PO1, PO7, PSO3 |
| CO2 | Application of different methods of solving Simple, Linear and Simultaneous Equations | Procedural | Remember and Calculate | 12 | PO1, PSO1, PSO3 |
| CO3 | Application of different formulae for calculating Arithmetic Mean and Geometric Mean | Procedural | Apply and Evaluate | 12 | PO1, PSO1, PSO3 |



| | | | | | |
|------------|---|------------|--------------------------|----|----------------------|
| CO4 | Understand the matrix operations and evaluate the determinants | Procedural | Understand and Determine | 14 | PO1, PSO1, PSO3 |
| CO5 | Application of formulae to evaluate Commercial Arithmetic problems | Procedural | Understand and Determine | 14 | PO1, PO7, PSO1, PSO3 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 4/5 | 1.5/2 | 78 |
| CO2 | 1.5/2 | 4.11/5 | 1.5/2 | 79 |



| | | | | |
|-----|-------|---|--------|----|
| CO3 | 1.5/2 | 0 | 1.7/2 | 80 |
| CO4 | 1.5/2 | 0 | 1.6/2 | 78 |
| CO5 | 1.3/2 | 0 | 1.74/2 | 76 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 44 |
| CO2 | 44 |
| CO3 | 44 |
| CO4 | 44 |
| CO5 | 44 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|-------------|-------------|---|
| CO1 | 78 | 44 | 54.2 |
| CO2 | 79 | 44 | 54.5 |
| CO3 | 80 | 44 | 54.8 |
| CO4 | 78 | 44 | 54.2 |
| CO5 | 76 | 44 | 53.6 |



Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 55 |
| CO2 | 55 |
| CO3 | 55 |
| CO4 | 55 |
| CO5 | 55 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 54.2 | 55 | 0.8 |
| CO2 | 54.5 | 55 | 0.5 |
| CO3 | 54.8 | 55 | 0.2 |
| CO4 | 54.2 | 55 | 0.8 |
| CO5 | 53.6 | 55 | 1.4 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|--|---------------------------------------|
| CO1 | 55 | 0.8 | Previous year question papers to be solved | |
| CO2 | 55 | 0.5 | Previous year question papers to be solved | |
| CO3 | 55 | 0.2 | More number of problems to be solved | |
| CO4 | 55 | 0.8 | Previous year question papers to be solved | |
| CO5 | 55 | 1.4 | More number of problems to be solved | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------|----------------|
| CO1 | PSO1, PO1, PO7, PSO3 | 04 |
| CO2 | PO1, PSO1, PSO3 | 12 |
| CO3 | PO1, PSO1, PSO3 | 12 |
| CO4 | PO1, PSO1, PSO3 | 14 |



| | | |
|-----|----------------------|----|
| CO5 | PO1, PO7, PSO1, PSO3 | 14 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 18 OF 56 (32%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|----|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| QMB I | 3 | -- | -- | -- | -- | -- | 2 | -- | -- | -- | -- | -- | 3 | -- | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PSO1, PO1, PO7, PSO3 | 54.2 |
| CO2 | PO1, PSO1, PSO3 | 54.5 |



| | | |
|-----|----------------------|------|
| CO3 | PO1, PSO1, PSO3 | 54.8 |
| CO4 | PO1, PSO1, PSO3 | 54.2 |
| CO5 | PO1, PO7, PSO1, PSO3 | 53.6 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (54.2+54.5+54.8+54.2+53.6)/5 = 54.26\%$ |
| PO7 | $(2/3) \times (54.2+53.6)/2 = 35.9$ |
| PSO1 | $(3/3) \times (54.2+54.5+54.8+54.2+53.6)/5 = 54.26\%$ |
| PSO3 | $(3/3) \times (54.2+54.5+54.8+54.2+53.6)/5 = 54.26\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|--------|---|----|---|---|---|-------|---|---|----|----|----|--------|---|------|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| QMB - I | 3 | - | -- | - | - | - | 2 | - | - | -- | -- | -- | 3 | - | 3 | -- | -- |
| Attainment | 0.5426 | - | -- | - | - | - | 0.359 | - | - | -- | -- | -- | 0.5426 | - | 0.35 | -- | -- |

Programme: Bachelor of Business Administration

Course Title: Financial Accounting – II

Credits: 02

OUTCOMES: Students will be able to

CO1- Understand the policy for loss of stock calculation, treatment of salvage, average clause, computation of fire insurance claims.

CO2- Understand the meaning, terms in hire purchase, calculation of cash price, hire purchase price, interest, preparation of journal and ledger in the books of hire purchaser and hire vendor, the meaning of installment system, and the difference between hire purchase and installment system.

CO3- Understand the types of Subsidiary books, Cash books, and Journal proper. Bank Reconciliation Statement.

CO4- Understand the methods of calculation of purchase consideration, passing journal entries, and preparation of ledger accounts in books of purchasing company and firm.

CO5- Understand the meaning and types of shares, issue of shares, passing journal entries, preparation of ledger accounts, and vertical balance sheet.



| CO | Course Outcome | Cognitive Level | Knowledge Category | No. of hours | POs/PSOs |
|-----|--|---|---------------------------------|--------------|-----------------|
| CO1 | Understand the policy for loss of stock calculation, treatment of salvage, average clause, computation of fire insurance claims | Understand , Apply and Analyse | Conceptual and Procedural | 10 | PO1, PSO1, PSO3 |
| CO2 | Understand meaning, terms in hire purchase , calculation of cash price, hire purchase price, interest, preparation of journal and ledger in the books of hire purchaser and hire vendor, meaning of instalment system and difference between hire purchase and instalment system | Understand , Apply, Evaluate and Analyse | Conceptual and Procedural | 12 | PO1, PSO1, PSO3 |
| CO3 | Understand the meaning, terms of royalty, calculation of royalty payable and preparation of ledger accounts | Understand , Apply, Evaluate and Analyse | Conceptual and Procedural | 12 | PO1, PSO1, PSO3 |
| CO4 | Understand the methods of calculation of purchase consideration, passing journal entries and preparation of ledger accounts in books of purchasing company and firm | Understand , Apply, Evaluate and Analyse | Conceptual and Procedural | 14 | PO1, PSO1, PSO3 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE



| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1/2 | 3.8/5 | 1/2 | 64.44 |
| CO2 | 1.1/2 | 4/5 | 1/2 | 67.77 |
| CO3 | 0.7/2 | 0 | 2/2 | 67.5 |
| CO4 | 1.5/2 | 0 | 1/2 | 63 |
| CO5 | 1/2 | 0 | 1.5/2 | 63 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 55 |
| CO2 | 55 |
| CO3 | 55 |
| CO4 | 55 |
| CO5 | 55 |

Computation of CO Direct Attainment in the course:



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NURTURING VALUES AND EXCELLENCE

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 64.44 | 55 | 57.832 |
| CO2 | 67.77 | 55 | 58.831 |
| CO3 | 67.5 | 55 | 58.75 |
| CO4 | 63 | 55 | 57.4 |
| CO5 | 63 | 55 | 57.4 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 55 |
| CO2 | 55 |
| CO3 | 55 |
| CO4 | 55 |
| CO5 | 55 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 57.832 | 55 | (2.83) |
| CO2 | 58.831 | 55 | (3.83) |
| CO3 | 58.75 | 55 | (3.75) |
| CO4 | 57.4 | 55 | (2.4) |
| CO5 | 57.4 | 55 | (2.4) |

Closure of the Quality Loop for COs:



| Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 55 (2.83) | | 58 |
| CO2 | 55 (3.83) | | 60 |
| CO3 | 55 (3.75) | | 60 |
| CO4 | 55 (2.4) | | 59 |
| CO5 | 55 (2.4) | | 59 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|-----------------|----------------|
| CO1 | PO1, PSO1, PSO3 | 10 |
| CO2 | PO1, PSO1, PSO3 | 12 |
| CO3 | PO1, PSO1, PSO3 | 12 |
| CO4 | PO1, PSO1, PSO3 | 14 |
| CO5 | PO1, PSO1, PSO3 | 8 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each | Mapping Strength |
|--|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping



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NURTURING VALUES AND EXCELLENCE

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|---|---|---|---|---|---|----|----|----|------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| FA | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 |

CO Attainment and POs/PSOs-

| CO | POs | CO Attainment (%) |
|-----|-----------------|-------------------|
| CO1 | PO1, PSO1, PSO3 | 57.832 |
| CO2 | PO1, PSO1, PSO3 | 58.831 |
| CO3 | PO1, PSO1, PSO3 | 58.75 |
| CO4 | PO1, PSO1, PSO3 | 57.4 |
| CO5 | PO1, PSO1, PSO3 | 57.4 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (57.83 + 58.83 + 58.75 + 57.4 + 57.4) / 5 = 58.04\%$ |
| PSO1 | $(3/3) \times (57.83 + 58.83 + 58.75 + 57.4 + 57.4) / 5 = 58.04\%$ |
| PSO3 | $(3/3) \times (57.83 + 58.83 + 58.75 + 57.4 + 57.4) / 5 = 58.04\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------------|------|---|---|---|---|---|---|---|---|----|----|----|------|---|------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Fundamentals of Accounting | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 3 | 0 | 0 |
| Attainment | .584 | | | | | | | | | | | | .584 | | .584 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Organisational Behaviour

Credits: 2

OUTCOMES: Students will be able to

CO1- Understand the organisational behavior meaning, scope, application, and emerging issues.

CO2- Understand the meaning, determinants of personality, perception, and attitude.

CO3- Understand the principles of learning, steps, and modification process.

CO4- Understand the meaning, types, functions of groups, group behavior.

CO5- Understand the meaning, nature, pressure of work change, types of change and factors, meaning, and types of organisational development.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|------------------------------------|--------------------------------|--------------|----------------|
| CO1 | Understand the organisational behaviour meaning, scope, application and emerging issues | Conceptual and Factual | Understand and Remember | 6 | PO1, PSO1 |
| CO2 | Understand the meaning, determinants of personality, perception and attitude | Conceptual and Factual | Understand, Apply and Remember | 16 | PO1, PO7, PSO1 |
| CO3 | Understand the principles of learning, steps and modification process | Conceptual and Procedural | Understand and Remember | 8 | PO1, PO7, PSO1 |
| CO4 | Understand the meaning, types, functions of groups, group behaviour | Conceptual and Factual | Understand and Remember | 12 | PO1, PSO1 |
| CO5 | Understand the meaning, nature, pressure of work change, types of change and factors, meaning and types of organisational development | Conceptual, Factual and Procedural | Understand, Apply and Remember | 14 | PO7, PO1, PSO1 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.3/2 | 3/5 | 1/2 | 58.88 |
| CO2 | 1.2/2 | 3/5 | 1.2/2 | 60 |
| CO3 | 1.1/2 | 0 | 1.36/2 | 61.5 |
| CO4 | 1/2 | 0 | 1.5/2 | 62.5 |
| CO5 | 1.24/2 | 0 | 1.32/2 | 64 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 60 |
| CO2 | 60 |
| CO3 | 60 |
| CO4 | 60 |
| CO5 | 60 |

Computation of CO Direct Attainment in the course:

| CO | CIE Class Average (%) | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|-----------------------|-------------|---|
| CO1 | 58.88 | 60 | 59.664 |
| CO2 | 60 | 60 | 60 |
| CO3 | 61.5 | 60 | 60.45 |
| CO4 | 62.5 | 60 | 60.75 |
| CO5 | 64 | 60 | 61.2 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 60 |
| CO3 | 60 |
| CO4 | 60 |
| CO5 | 60 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 59.664 | 60 | 0.33 |
| CO2 | 60 | 60 | 0 |
| CO3 | 60.45 | 60 | (0.45) |
| CO4 | 60.75 | 60 | (0.75) |
| CO5 | 61.2 | 60 | (1.2) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | 0.33 | More assignments to be given | |
| CO2 | 60 | 0 | | 62 |
| CO3 | 60 | (0.45) | | 61 |
| CO4 | 60 | (0.75) | | 61 |
| CO5 | 60 | (1.2) | | 62 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|----------------|----------------|
| CO1 | PO1, PSO1 | 6 |
| CO2 | PO1, PO7, PSO1 | 16 |
| CO3 | PO1, PO7, PSO1 | 8 |
| CO4 | PO1, PSO1 | 12 |
| CO5 | PO7, PO1, PSO1 | 14 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 38 OF 56 (68%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|----|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| OB | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | - | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------|-------------------|
| CO1 | PO1, PSO1 | 59.664 |
| CO2 | PO1, PO7, PSO1 | 60 |
| CO3 | PO1, PO7, PSO1 | 60.45 |
| CO4 | PO1, PSO1 | 60.75 |
| CO5 | PO7, PO1, PSO1 | 61.2 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (59.66+60+60.45+60.75+61.2)/5 = 60.41\%$ |
| PO7 | $(3/3) \times (60+60.45+61.2)/3 = 60.55\%$ |
| PSO1 | $(3/3) \times (59.66+60+60.45+60.75+61.2)/5 = 60.41\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|------|---|----|---|---|---|------|---|---|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| OB | 3 | - | -- | - | - | - | 3 | - | - | -- | -- | -- | 3 | - | - | -- | -- |
| Attainment | .604 | - | -- | - | - | - | .605 | - | - | -- | -- | -- | .604 | - | - | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Production and Operations Management

Credits: 2

OUTCOMES: Students will be able to

CO1- Explain the meaning, classification, objectives, advantages, and disadvantages of production and operations management.

CO2- Analyze the factors influencing the choice of a suitable plant location

CO3- Explain the principles of material handling.

CO4- Explain the steps in PPQC and describe the objectives of the Time and Motion study.

CO5- Explain the types of maintenance.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------|--------------------------|--------------|-----------|
| CO1 | Explain the meaning, classification, objectives, advantages and disadvantages of POM | Conceptual | Understand | 12 | PO1, PSO1 |
| CO2 | Analyse the factors influencing the choice of a suitable plant location | Metacognitive | Analyse | 8 | PO3, PSO1 |
| CO3 | Explain the principles of material handling | Conceptual | Understand, and Remember | 8 | PO1, PSO1 |
| CO4 | Explain the steps in PPQC and describe the objectives of Time and Motion study | Procedural and Conceptual | Understand, and Remember | 16 | PO1, PSO1 |
| CO5 | Explain the types of maintenance | Conceptual | Understand, and Remember | 12 | PO1, PSO1 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1.5 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2.5 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 3.3/5 | 1/1.5 | 68.23 |
| CO2 | 1.5/2 | 3.5/5 | 1.6/2 | 73.33 |
| CO3 | 1.5/2 | 0 | 1.4/2 | 72.5 |
| CO4 | 1.1/2 | 0 | 2/2.5 | 68.8 |
| CO5 | 1.3/2 | 0 | 1.4/2 | 68 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 69 |
| CO2 | 69 |
| CO3 | 69 |
| CO4 | 69 |
| CO5 | 69 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 68.23 | 69 | 68.769 |
| CO2 | 73.33 | 69 | 70.299 |
| CO3 | 72.5 | 69 | 70.05 |
| CO4 | 68.8 | 69 | 68.94 |
| CO5 | 68 | 69 | 68.7 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 70 |
| CO2 | 70 |
| CO3 | 70 |
| CO4 | 70 |
| CO5 | 70 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 68.769 | 70 | 1.23 |
| CO2 | 70.299 | 70 | (0.29) |
| CO3 | 70.05 | 70 | (0.05) |
| CO4 | 68.94 | 70 | 1.06 |
| CO5 | 68.7 | 70 | 1.3 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 70 | 1.23 | Revision on the topic to be done | |
| CO2 | 70 | (0.29) | | 71 |
| CO3 | 70 | (0.05) | | 71 |
| CO4 | 70 | 1.06 | Revision on the topic to be done | |
| CO5 | 70 | 1.3 | Revision on the topic to be done | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|-----------|----------------|
| CO1 | PO1, PSO1 | 12 |
| CO2 | PO3, PSO1 | 8 |
| CO3 | PO1, PSO1 | 8 |
| CO4 | PO1, PSO1 | 16 |
| CO5 | PO1, PSO1 | 12 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 8 OF 56 (14%) Sessions are devoted to PO3 | Mapping Strength is 1 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|----|----|----|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| POM | 3 | -- | 1 | -- | -- | -- | -- | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|-----------|-------------------|
| CO1 | PO1, PSO1 | 68.769 |
| CO2 | PO3, PSO1 | 70.299 |
| CO3 | PO1, PSO1 | 70.05 |
| CO4 | PO1, PSO1 | 68.94 |
| CO5 | PO1, PSO1 | 68.7 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (68.769+70.05+68.94+68.7)/4 = 69.11\%$ |
| PO3 | $(1/3) \times (70.299)/1 = 23.43\%$ |
| PSO1 | $(3/3) \times (68.769+70.29+70.05+68.94+68.7)/5 = 69.34\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|------|---|------|---|---|----|----|---|---|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| POM | 3 | - | 3 | - | - | -- | -- | - | - | -- | -- | -- | 3 | - | -- | -- | -- |
| Attainment | .691 | - | .234 | - | - | -- | - | - | - | -- | -- | -- | .693 | - | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: QMB - II

Credits: 2

OUTCOMES: Students will be able to

CO1- Understand the basic concepts and terms of Statistics, analyse the classification and tabulation of data.

CO2- Understand and Analyse the types of averages, graphic location of the median, and mode through Ogive curves and Histogram.

CO3- Understand and Analyse the Measures of Dispersion and Skewness.

CO4- Understand and Analyse the correlation and regression analysis.

CO5- Understand and Analyse the Index Numbers.



| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|---------------------------|---|--------------|----------------------|
| CO1 | Understand the basic concepts and terms of Statistics, analyse the classification and tabulation of data | Conceptual | Remember, Understand, Apply and Analyse | 04 | PSO1, PO1, PO7, PSO3 |
| CO2 | Understand and Analyse the types of averages, graphic location of median and mode through Ogive curves and Histogram. | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 14 | PSO1, PO1, PO7, PSO3 |
| CO3 | Understand and Analyse the Measures of Dispersion and Skewness. | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 14 | PSO1, PO1, PO7, PSO3 |
| CO4 | Understand and Analyse the correlation and regression analysis. | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 14 | PSO1, PO1, PO7, PSO3 |
| CO5 | Understand and Analyse the Index Numbers | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 10 | PSO1, PO1, PO7, PSO3 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 2/2 | 3.7/5 | 1/1 | 83.75 |
| CO2 | 2/2 | 4/5 | 2/2 | 88.88 |
| CO3 | 1.3/2 | 0 | 3/3 | 86 |
| CO4 | 1.7/2 | 0 | 1.5/2 | 80 |
| CO5 | 1.7/2 | 0 | 1.7/2 | 85 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 59 |
| CO2 | 59 |
| CO3 | 59 |
| CO4 | 59 |
| CO5 | 59 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 83.75 | 59 | 66.425 |
| CO2 | 88.88 | 59 | 67.964 |
| CO3 | 86 | 59 | 67.1 |
| CO4 | 80 | 59 | 65.3 |
| CO5 | 85 | 59 | 66.8 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 50 |
| CO2 | 50 |
| CO3 | 50 |
| CO4 | 50 |
| CO5 | 50 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 59 | 50 | 9 |
| CO2 | 59 | 50 | 9 |
| CO3 | 59 | 50 | 9 |
| CO4 | 59 | 50 | 9 |
| CO5 | 59 | 50 | 9 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 50 | 9 | | 60 |
| CO2 | 50 | 9 | | 60 |
| CO3 | 50 | 9 | | 60 |
| CO4 | 50 | 9 | | 60 |
| CO5 | 50 | 9 | | 60 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|----------------------|----------------|
| CO1 | PSO1, PO1, PO7, PSO3 | 04 |
| CO2 | PSO1, PO1, PO7, PSO3 | 14 |
| CO3 | PSO1, PO1, PO7, PSO3 | 14 |
| CO4 | PSO1, PO1, PO7, PSO3 | 14 |
| CO5 | PSO1, PO1, PO7, PSO3 | 10 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|----|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| FA | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PSO1, PO1, PO7, PSO3 | 66.425 |
| CO2 | PSO1, PO1, PO7, PSO3 | 67.964 |
| CO3 | PSO1, PO1, PO7, PSO3 | 67.1 |
| CO4 | PSO1, PO1, PO7, PSO3 | 65.3 |
| CO5 | PSO1, PO1, PO7, PSO3 | 66.8 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (66.425+67.964+67.1+65.3+66.8)/5 = 66.71$ |
| PO7 | $(3/3) \times (66.425+67.964+67.1+65.3+66.8)/5 = 66.71$ |
| PSO1 | $(3/3) \times (66.425+67.964+67.1+65.3+66.8)/5 = 66.71$ |
| PSO3 | $(3/3) \times (66.425+67.964+67.1+65.3+66.8)/5 = 66.71$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|------|---|----|---|---|---|------|---|---|----|----|----|------|---|------|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| QMB – II | 3 | - | -- | - | - | - | 3 | - | - | -- | -- | -- | 3 | - | 3 | -- | -- |
| Attainment | .667 | - | -- | - | - | - | .667 | - | - | -- | -- | -- | .667 | - | .667 | -- | -- |

Attainment of Outcomes

Computation of CO Attainment

Course: Business Ethics

Credits: 03

OUTCOMES: Students will be able to

CO1- Understand the importance of Business Ethics

CO2- Explain the concept of emotional honesty.

CO3- Understand the relevance of following ethics in various fields such as Finance, Marketing, etc.

CO4- Explain the impact of corporate culture and cross-cultural issues in ethics

CO5- Discuss the Composition of organizational structure and the concept of corporate governance.



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| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-----------------|--------------|----------------------------|
| CO1 | Meaning - Scope – Types of Ethics – Characteristics – Factors influencing Business Ethics – Importance of Business Ethics - Arguments for and against business ethics- Basics of business ethics - Corporate Social Responsibility – Issues of Management – Crisis Management | Conceptual | Understand | 12 | PO2, PO4, PO6, PO5, PSO 3 |
| CO2 | Introduction – Meaning – Emotional Honesty – Virtue of humility – Promote happiness – karma yoga – proactive – flexibility and purity of mind. | Conceptual | Understand | 10 | PO3, PO5, P O7, PSO1 |
| CO3 | Introduction – Ethics in HRM – Marketing Ethics – Ethical aspects of Financial Management – Technology Ethics and Professional ethics | Conceptual | Understand | 12 | PO1 , PSO2, PSO3 |
| CO4 | Meaning – Functions – Impact of corporate culture – cross cultural issues in ethics | Meta cognitive | Analyse | 10 | PO1, PO7, P O4, PSO2, PSO3 |



| | | | | | |
|------------|---|-----------------------|-------------------|-----------|---|
| CO5 | Meaning, scope, composition of BODs, Cadbury Committee, various committees, reports on corporate governance, scope of Corporate Governance, Benefits and Limitations of Corporate Governance with living examples | Meta cognitive | Understand | 12 | PO1,PO5, PO2,PO3, P O6, PSO2, PSO3 |
|------------|---|-----------------------|-------------------|-----------|---|

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 1 |
| CO2 | 2 | 4 | 1 |
| CO3 | 2 | 4 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 4 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 1.3/2 | 0.75/1 | 71 |
| CO2 | 1.75/2 | 2.5/4 | 0.8/1 | 72 |
| CO3 | 1.2/2 | 3/4 | 1.5/2 | 71 |
| CO4 | 1.5/2 | 0 | 1.5/2 | 75 |
| CO5 | 2/2 | 0 | 2.5/4 | 75 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 71 |
| CO2 | 71 |
| CO3 | 71 |
| CO4 | 71 |
| CO5 | 71 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 71 | 71 | 71 |
| CO2 | 72 | 71 | 71 |
| CO3 | 71 | 71 | 71 |
| CO4 | 75 | 71 | 72 |
| CO5 | 75 | 71 | 72 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 71 |
| CO2 | 71 |
| CO3 | 72 |
| CO4 | 72 |
| CO5 | 73 |



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NURTURING VALUES AND EXCELLENCE

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 71 | 71 | 0 |
| CO2 | 71 | 71 | 0 |
| CO3 | 71 | 72 | 1 |
| CO4 | 72 | 72 | 0 |
| CO5 | 72 | 73 | 1 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 71 | 0 | | |
| CO2 | 71 | 0 | | |
| CO3 | 72 | 1 | Revision of concepts | |
| CO4 | 72 | 0 | | |
| CO5 | 73 | 1 | Giving assignment on corporate governance committee | |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|-------------------------------------|----------------|
| CO1 | PO2, PO4, PO6, PO5, PSO3 | 12 |
| CO2 | PO3, PO5, PO7, PSO1 | 10 |
| CO3 | PO1, PSO2, PSO3 | 12 |
| CO4 | PO1, PO7, PO4, PSO2, PSO3 | 10 |
| CO5 | PO1, PO5, PO2, PO3, PO6, PSO2, PSO3 | 12 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 32 OF 56 (57%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 24 OF 56 (43%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 22 OF 56 (39%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 22 OF 56 (39%) Sessions are devoted to PO4 | Mapping Strength is 2 |
| 34 OF 56 (61%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 24 OF 56 (43%) Sessions are devoted to PO6 | Mapping Strength is 2 |
| 20 OF 56 (36%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 10 OF 56 (17%) Sessions are devoted to PSO1 | Mapping Strength is 1 |
| 34 OF 56 (61%) Sessions are devoted to PSO2 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PSO3 | Mapping Strength is 3 |



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NURTURING VALUES AND EXCELLENCE

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------|-----|---|---|---|---|---|---|----|----|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Business | 3 | 3 | 2 | 2 | 3 | 2 | 2 | -- | -- | -- | -- | -- | 1 | 3 | 3 | -- | -- |
| Ethics | | | | | | | | | | | | | | | | | |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|-------------------------------------|-------------------|
| CO1 | PO2, PO4, PO6, PO5, PSO3 | 71 |
| CO2 | PO3, PO5, PO7, PSO1 | 71 |
| CO3 | PO1, PSO2, PSO3 | 71 |
| CO4 | PO1, PO7, PO4, PSO2, PSO3 | 72 |
| CO5 | PO1, PO5, PO2, PO3, PO6, PSO2, PSO3 | 72 |



PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|-------------------------------------|
| PO1 | $(3/3) \times (71+72+72)/3 = 72$ |
| PO2 | $(2/3) \times (71+72)/2 = 47$ |
| PO3 | $(2/3) \times (71+72)/2 = 47$ |
| PO4 | $(2/3) \times (71+72)/2 = 47$ |
| PO5 | $(3/3) \times (71+71+72)/3 = 71$ |
| PO6 | $(2/3) \times (71+72)/2 = 48$ |
| PO7 | $(2/3) \times (71+72)/2 = 48$ |
| PS01 | $(1/3) \times (71)/1 = 24$ |
| PS02 | $(3/3) \times (71+72+72)/3 = 72$ |
| PS03 | $(3/3) \times (71+71+72+72)/4 = 72$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|------|-----|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Business | 3 | 3 | 2 | 2 | 3 | 2 | 2 | -- | -- | -- | -- | -- | 1 | 3 | 3 | -- | -- |
| Ethics | | | | | | | | | | | | | | | | | |
| Attainment | .72 | .47 | .47 | .47 | .71 | .48 | .48 | | | | | | .24 | .72 | .72 | | |



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NURTURING VALUES AND EXCELLENCE

Attainment of Outcomes Computation of CO Attainment

Course: Business Regulations

Credits: 2

OUTCOMES: Students will be able to

CO1- Understand the Concepts, Scope of business law, Fundamental Rights, Duties, and Directive Principles of State policy

CO2- Evaluate the essentials of a valid contract, classification of contract, breach of contract and contract of sale, rights and duties of buyer and unpaid seller.

CO3- Analyze and Evaluate the Objectives of RTI, RTE, and its salient features.

CO4- Evaluate the CCI, CAT, Consumer Redressal Agencies, Consumer Protection Councils.

CO5- Discuss the features of FEMA, offenses & Penalties, Causes of ozone layer depletion, Powers of the central government to protect the environment in India.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------|---|--------------|---|
| CO1 | Remember and Understand the Concepts, Scope of business law, Fundamental Rights, Duties and Directive Principles of State policy | Conceptual | Remember and Understand | 06 | PSO1, PO1,PO2, PO3, PO4, PO5, PO7 |
| CO2 | Remember, Understand, Apply, Analyse and Evaluate the essentials of a valid contract, classification of contract, breach of contract and contract of sale, rights and duties of buyer and unpaid seller. | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 14 | PSO1, PSO3, PO1, PO2,PO3,PO4, PO5, PO7 |
| CO3 | Remember, Understand, Apply, Analyse and Evaluate the Objectives of RTI, RTE and its salient features. | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 10 | PSO1, PSO3, PO1, PO2, PO3,PO4, PO5, PO7 |
| CO4 | Remember, Understand, Apply, Analyse and Evaluate the CCI, CAT, Consumer Redressal Agencies, Consumer Protection Councils | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 12 | PSO1, PSO3,PO1,PO2, PO3,PO4,PO5,P O7 |
| CO5 | Remember, Understand, Apply, Analyse and Evaluate the features of FEMA, offences & Penalties, Causes of ozone layer depletion, Powers of central government to protect environment in India | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 14 | PSO1, PSO3,PO1, PO2, PO3, PO4, PO5, PO7 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 0 |
| CO2 | 2 | 5 | 3 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 2/2 | 4/5 | 0 | 86% |
| CO2 | 2/2 | 3.75/5 | 2/3 | 78% |
| CO3 | 1.5/2 | 0 | 1.5/2 | 75% |
| CO4 | 1.5/2 | 0 | 1.5/2 | 75% |
| CO5 | 2/2 | 0 | 2.2/3 | 84% |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 62% |
| CO2 | 62% |
| CO3 | 62% |
| CO4 | 62% |
| CO5 | 62% |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 86 | 62 | 69 |
| CO2 | 78 | 62 | 67 |
| CO3 | 75 | 62 | 66 |
| CO4 | 75 | 62 | 66 |
| CO5 | 84 | 62 | 69 |



Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 70 |
| CO2 | 67 |
| CO3 | 67 |
| CO4 | 67 |
| CO5 | 70 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 69 | 70 | 1 |
| CO2 | 67 | 67 | 0 |
| CO3 | 66 | 67 | 1 |
| CO4 | 66 | 67 | 1 |
| CO5 | 69 | 70 | 1 |

Closure of the Quality Loop for COs:



| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 70 | 1 | More number of assignments and detailed explanation | |
| CO2 | 67 | 0 | | |
| CO3 | 67 | 1 | Detailed explanation is required | |
| CO4 | 67 | 1 | Detailed explanation is required | |
| CO5 | 70 | 1 | More number of assignments and detailed explanation | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|--|----------------|
| CO1 | PSO1, PO1, PO2, PO3, PO4, PO5, PO7 | 06 |
| CO2 | PSO1, PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 14 |
| CO3 | PSO1, PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 10 |
| CO4 | PSO1, PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 12 |
| CO5 | PSO1, PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 14 |
| | | 56 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO4 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 50 OF 56(89%) sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|---|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BRO | 3 | 3 | 3 | 3 | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | 3 | -- | -- |



CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---|-------------------|
| CO1 | PSO1,PO1, PO2, PO3, PO4, PO5, PO7 | 69 |
| CO2 | PSO1,PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 67 |
| CO3 | PSO1,PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 66 |
| CO4 | PSO1,PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 66 |
| CO5 | PSO1,PSO3, PO1, PO2, PO3, PO4, PO5, PO7 | 69 |



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NURTURING VALUES AND EXCELLENCE

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PO2 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PO3 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PO4 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PO5 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PO7 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PSO1 | $(3/3) \times (69+67+66+66+69)/5 = 67.4$ |
| PSO3 | $(3/3) \times (67+66+66+69)/4 = 67$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | PSOs | | | | | | |
|------------|-----|-----|-----|-----|-----|---|-----|---|---|----|------|----|-----|---|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 | 2 | 3 | 4 | 5 | | |
| BR | 3 | 3 | 3 | 3 | 3 | - | 3 | - | - | -- | 1 | -- | 3 | - | 3 | -- | -- |
| Attainment | .67 | .67 | .67 | .67 | .67 | - | .67 | - | - | -- | - | -- | .67 | - | .67 | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Corporate Accounting

Credits: 2

OUTCOMES: Students will be able to

CO1- Understand the preparation of Company Final Accounts.

CO2- Understand and evaluate the preparation of Financial Statement Analysis.

CO3- Understand the preparation of Valuation of Goodwill.

CO4- Understand the preparation of Valuation of Shares.

CO5- Understand the preparation of Holding Company Accounts.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|---------------------------|---|--------------|---------------------------------|
| CO1 | Remember, Understand, Apply, Analyse and Evaluate the preparation of Company Final Accounts | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 20 | PSO1,PSO3, PO1,PO2,PO3, PO5,PO7 |
| CO2 | Remember, Understand, Apply, Analyse and Evaluate the preparation of Financial Statement Analysis | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 10 | PSO1,PSO3, PO1,PO2,PO3, PO5,PO7 |
| CO3 | Remember, Understand, Apply, Analyse and Evaluate the preparation of Valuation of Goodwill | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 08 | PSO1,PSO3, PO1,PO2,PO3, PO5,PO7 |
| CO4 | Remember, Understand, Apply, Analyse and Evaluate the preparation of Valuation of Shares | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 08 | PSO1,PSO3, PO1,PO2,PO3, PO5,PO7 |
| CO5 | Remember, Understand, Apply, Analyse and Evaluate the preparation of Holding Company Accounts | Conceptual and Procedural | Remember, Understand, Apply, Analyse and Evaluate | 10 | PSO1,PSO3, PO1,PO2,PO3, PO5,PO7 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 0 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 5 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1/2 | 0 | 2/2 | 75 |
| CO2 | 1/2 | 3.5/5 | 2/2 | 72 |
| CO3 | 1.5/2 | 3.5/5 | 1.5/2 | 72 |
| CO4 | 0.5/2 | 0 | 2/2 | 63 |
| CO5 | 1/2 | 0 | 2/2 | 75 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 49 |
| CO2 | 49 |
| CO3 | 49 |
| CO4 | 49 |
| CO5 | 49 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 75 | 49 | 57 |
| CO2 | 72 | 49 | 56 |
| CO3 | 72 | 49 | 56 |
| CO4 | 63 | 49 | 53 |
| CO5 | 75 | 49 | 57 |



Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 58 |
| CO2 | 56 |
| CO3 | 56 |
| CO4 | 55 |
| CO5 | 60 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 57 | 58 | 1 |
| CO2 | 56 | 56 | 0 |
| CO3 | 56 | 56 | 0 |
| CO4 | 53 | 55 | 2 |
| CO5 | 57 | 60 | 3 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|--------------------------------------|---------------------------------------|
| CO1 | 58 | 1 | Explanation need to be detailed | |
| CO2 | 56 | 0 | | |
| CO3 | 56 | 0 | | |
| CO4 | 55 | 2 | More number of problems to be solved | |
| CO5 | 60 | 3 | More number of problems to be solved | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|-----------------------------------|----------------|
| CO1 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 20 |
| CO2 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 10 |
| CO3 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 08 |
| CO4 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 08 |
| CO5 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 10 |
| | | 56 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 30 OF 56 (100%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|---|----|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BRO | 3 | 3 | 3 | -- | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | 3 | -- | -- |



CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|-----------------------------------|-------------------|
| CO1 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 57 |
| CO2 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 56 |
| CO3 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 56 |
| CO4 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 53 |
| CO5 | PSO1, PSO3, PO1,PO2, PO3, PO5,PO7 | 57 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |
| PO2 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |
| PO3 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |
| PO5 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |
| PO7 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |
| PSO1 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |
| PSO3 | $(3/3) \times (57+56+56+55+60)/5 = 56.8$ |



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NURTURING VALUES AND EXCELLENCE

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|-----|-----|---|-----|---|-----|---|---|----|----|----|------|---|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CA | 3 | 3 | 3 | - | 3 | - | 3 | - | - | -- | -- | -- | 3 | - | 3 | -- | -- |
| Attainment | .56 | .56 | .56 | - | .56 | - | .56 | - | - | -- | -- | -- | .56 | - | --- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Corporate Environment

Credits: 02

OUTCOMES: Students will be able to

CO1- Understand the different stages involved in the formation of a company

CO2- Understanding the various sources of raising the funds.

CO3- Explain the different types of Meetings held at a Joint-stock Company.

CO4- Explain the roles of the Company secretary.

CO5- Understand the modes of winding up of companies.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|------------------------|-----------------|--------------|----------------|
| CO1 | Understand the different stages involved in the formation of a company | Conceptual | Understand | 14 | PO5, PSO1 |
| CO2 | Understanding the various sources of raising the funds | Conceptual | Understand | 10 | PO1, PSO3, |
| CO3 | Explains the different types of Meeting | Conceptual | Understand | 12 | PO1., PSO1 |
| CO4 | Explains the roles of Company secretary | Conceptual and Factual | Understand | 10 | PO1, PO7, PSO1 |
| CO5 | Explain the modes of winding up of companies | Conceptual | Analyse | 10 | PO3, PSO1 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 3 | 1 |
| CO2 | 2 | 3 | 1 |
| CO3 | 2 | 4 | 4 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 4 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 2.5/3 | 1/1 | 83 |
| CO2 | 2/2 | 2/3 | 1/1 | 83 |
| CO3 | 2/2 | 4/4 | 2/3 | 89 |
| CO4 | 1.5/2 | 0/0 | 2/2 | 88 |
| CO5 | 1.5/2 | 0/0 | 2.5/3 | 80 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 67 |
| CO2 | 67 |
| CO3 | 67 |
| CO4 | 67 |
| CO5 | 67 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 83 | 67 | 72 |
| CO2 | 83 | 67 | 72 |
| CO3 | 89 | 67 | 74 |
| CO4 | 88 | 67 | 73 |
| CO5 | 80 | 67 | 71 |



Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 72 |
| CO2 | 72 |
| CO3 | 75 |
| CO4 | 73 |
| CO5 | 72 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 72 | 72 | 0 |
| CO2 | 72 | 72 | 0 |
| CO3 | 74 | 75 | 1 |
| CO4 | 73 | 73 | 0 |
| CO5 | 71 | 72 | 1 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 72 | 0 | | - |
| CO2 | 72 | 0 | | - |
| CO3 | 74 | 1 | More assignments will be given | - |
| CO4 | 73 | 0 | | - |
| CO5 | 71 | 1 | More assignments will be given | - |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------|----------------|
| CO1 | PO5, PSO1 | 14 |
| CO2 | PO1, PSO3, | 10 |
| CO3 | PO1., PSO1 | 12 |
| CO4 | PO1, PO7, PSO1 | 10 |
| CO5 | PO3. PSO1 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 32 OF 56 (57%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 10 OF 56 (18%) Sessions are devoted to PO3 | Mapping Strength is 1 |
| 14 OF 56 (25%) Sessions are devoted to PO5 | Mapping Strength is 2 |
| 10 OF 56 (18%) Sessions are devoted to PO7 | Mapping Strength is 1 |
| 46 OF 56 (82%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 10 OF 56 (18%) Sessions are devoted to PSO3 | Mapping Strength is 1 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CE | 3 | -- | 1 | -- | 2 | -- | 1 | -- | -- | -- | -- | -- | 3 | -- | 1 | -- | -- |

CO Attainment and POs/PSOs



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NURTURING VALUES AND EXCELLENCE

| CO | POs | CO Attainment (%Percentage) |
|-----|----------------|--------------------------------|
| CO1 | PO5, PSO1 | 72 |
| CO2 | PO1, PSO3, | 72 |
| CO3 | PO1., PSO1 | 74 |
| CO4 | PO1, PO7, PSO1 | 73 |
| CO5 | PO3. PSO1 | 71 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|-------------------------------------|
| PO1 | $(3/3) \times (72+74+73)/3 = 73$ |
| PO3 | $(1/3) \times (71)/1 = 71$ |
| PO5 | $(2/3) \times (72)/1 = 48$ |
| PO7 | $(1/3) \times (73)/1 = 24.33$ |
| PSO1 | $(3/3) \times (72+74+73+71)/4 = 73$ |
| PSO3 | $(1/3) \times (72)/1 = 24$ |



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NURTURING VALUES AND EXCELLENCE

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|------|---|------|---|------|----|------|---|---|----|----|----|------|----|------|---|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CE | 3 | | 1 | - | 2 | -- | 1 | - | - | -- | -- | -- | 3 | -- | 1 | - | -- |
| Attainment | 0.73 | | 0.71 | | 0.48 | | 0.24 | | | | | | 0.73 | | 0.24 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Human Resource Management

Credits: 02

OUTCOMES: Students will be able to

CO1- Understand the Basic Function of Human resources and recent trends in HRM.

CO2- Understand the various steps involved in the recruitment and selection process.

CO3- Understand the concept of training and methods of training.

CO4- Understand the concept of performance appraisal and compensation aspects.

CO5- Understand the concept of Promotion and transfer along with types of transfers.

CO6- Understand the concept of Human resource development and the impact of globalization.

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|------------|---|------------------------|---|--------------|------------------------|
| CO1 | Understand the Basic Function of Human resource and recent trends in HRM | Conceptual | Understand and Remember | 10 | PO1, PO2,PO3,P SO1 |
| CO2 | Understand the various of recruitment and selection process | Conceptual and Factual | Understand and Remember and Application | 15 | PO1, PO2,PO3,P SO1,PO7 |



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NURTURING VALUES AND EXCELLENCE

| | | | | | |
|------------|---|------------|-------------------------|----|--------------------|
| CO3 | Understand the concept of training and methods of training | Conceptual | Understand and Remember | 10 | PO1, PO2,PO3,P SO1 |
| CO4 | Understand the concept of performance appraisal and compensation aspects | Conceptual | Understand and Remember | 10 | PO1, PO2,PO3,P SO1 |
| CO5 | Understand the concept of Promotion and transfer along with types of transfer | Conceptual | Understand and Remember | 10 | PO1, PO2,PO3,P SO1 |
| CO6 | Understand the concept of Human resource development and impact of globalization | Conceptual | Understand and Remember | 05 | PO1, PO2,PO3,P SO1 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 1 | 2 | 1 |
| CO2 | 2 | 3 | 1 |
| CO3 | 2 | 5 | 2 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 2 |
| CO6 | 1 | 0 | 1 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 0.5/1 | 1.5/2 | 1/1 | 75 |
| CO2 | 1/2 | 2.5/3 | 1/1 | 75 |
| CO3 | 1/2 | 4/5 | 1.5/2 | 72 |
| CO4 | 1/2 | 0/0 | 2.5/3 | 70 |
| CO5 | 1.5/2 | 0/0 | 1.5/2 | 75 |
| CO6 | 0.7/1 | 0/0 | 0.7/1 | 70 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 76 |
| CO2 | 76 |
| CO3 | 76 |
| CO4 | 76 |
| CO5 | 76 |
| CO6 | 76 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 75 | 76 | 76 |
| CO2 | 75 | 76 | 76 |
| CO3 | 72 | 76 | 75 |
| CO4 | 70 | 76 | 74 |
| CO5 | 75 | 76 | 76 |
| CO6 | 70 | 76 | 74 |



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NURTURING VALUES AND EXCELLENCE

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 75 |
| CO2 | 75 |
| CO3 | 73 |
| CO4 | 70 |
| CO5 | 75 |
| CO6 | 70 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 75 | 75 | 0 |
| CO2 | 75 | 75 | 0 |
| CO3 | 72 | 73 | 1 |
| CO4 | 70 | 70 | 0 |
| CO5 | 75 | 75 | 0 |
| CO6 | 70 | 70 | 0 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 75 | 0 | | |
| CO2 | 75 | 0 | | |
| CO3 | 73 | 1 | More assignments will be given | |
| CO4 | 70 | 0 | | |
| CO5 | 75 | 0 | | |
| CO6 | 70 | 0 | | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|--------------------------|----------------|
| CO1 | PO1, PO2, PO3, PSO1 | 10 |
| CO2 | PO1, PO2, PO3, PSO1, PO7 | 15 |
| CO3 | PO1, PO2, PO3, PSO1 | 10 |
| CO4 | PO1, PO2, PO3, PSO1 | 10 |
| CO5 | PO1, PO2, PO3, PSO1 | 10 |
| CO6 | PO1, PO2, PO3, PSO1 | 05 |

Course – PO/PSO Mapping Strength



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NURTURING VALUES AND EXCELLENCE

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 60 OF 60 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 60 OF 60 (100%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 60 OF 60 (100%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 15 OF 60 (25%) Sessions are devoted to P07 | Mapping Strength is 2 |
| 60 OF 60 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|----|----|----|---|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| HRM | 3 | 3 | 3 | -- | -- | -- | 2 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%ge) |
|-----|-----------------------|---------------------|
| CO1 | PO1, PO2,PO3,PSO1 | 75 |
| CO2 | PO1, PO2,PO3,PSO1,PO7 | 75 |
| CO3 | PO1, PO2,PO3,PSO1 | 72 |
| CO4 | PO1, PO2,PO3,PSO1 | 70 |
| CO5 | PO1, PO2,PO3,PSO1 | 75 |
| CO6 | PO1, PO2,PO3,PSO1 | 70 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (75+75+72+70+75+70)/6 = 73$ |
| PO2 | $((3/3) \times (75+75+72+70+75+70))/6 = 73$ |
| PO3 | $(3/3) \times (75+75+72+70+75+70)/6 = 73$ |
| PO7 | $(1/3) \times (75/1) = 25$ |
| PSO1 | $(3/3) \times (75+75+72+70+75+70)/6 = 73$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|------|------|------|----|----|----|-----|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| HRM | 3 | 3 | 3 | -- | -- | -- | 2 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |
| Attainment | 0.73 | 0.73 | 0.73 | | | | .25 | | | | | | 0.73 | | | | |

Attainment of Outcomes



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NURTURING VALUES AND EXCELLENCE

Computation of CO Attainment

Course: Soft Skills for Business

Credits: 02



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------|----------------------------|--------------|-------------------|
| CO1 | Understand the Principles of Communication and different forms of communication | Conceptual | Understand and Remember | 14 | PSO3, PO2,PO7 |
| CO2 | Clarify the types of speech and importance of public speaking | Factual | Understand and Remember | 10 | PO2,PO3 |
| CO3 | Understand the concept of interview and art of conducting and giving interview | Conceptual and Procedural | Understand and Application | 08 | PO3,PO1 |
| CO4 | Understand the importance of meetings and various guidelines to be followed for conducting meetings | Conceptual and Procedural | Understand and Application | 08 | PO3,PO5,P O2,PS03 |
| CO5 | Understand the types of business letters and draft of letters | Conceptual | Understand and Application | 10 | PO1,PO2,P S03 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 2 |
| CO2 | 2 | 3 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 5 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.8/2 | 2/2 | 1.6/2 | 90.00 |
| CO2 | 1.1/2 | 1.72/3 | 1.3/2 | 58.86 |
| CO3 | 1.2/2 | 0 | 1.5/2 | 67.50 |
| CO4 | 1.5/2 | 0 | 1.5/2 | 75.00 |
| CO5 | 1.52/2 | 4.55/5 | 1.3/2 | 81.67 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 74.86 |
| CO2 | 74.86 |
| CO3 | 74.86 |
| CO4 | 74.86 |
| CO5 | 74.86 |



Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|--|
| CO1 | 90.00 | 74.86 | 79.40 |
| CO2 | 58.86 | 74.86 | 70.06 |
| CO3 | 67.50 | 74.86 | 72.65 |
| CO4 | 75.00 | 74.86 | 74.90 |
| CO5 | 81.67 | 74.86 | 76.90 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 80 |
| CO2 | 75 |
| CO3 | 70 |
| CO4 | 65 |
| CO5 | 70 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|------------------|------------------------|----------------------|
| CO1 | 79.40 | 80 | 0.60 |
| CO2 | 70.06 | 75 | 4.94 |
| CO3 | 72.65 | 70 | -2.65 |
| CO4 | 74.90 | 65 | -9.90 |
| CO5 | 76.90 | 70 | -6.90 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|--------------------------------------|---------------------------------------|
| CO1 | 80 | 0.60 | Ignore as this is few decimal points | |
| CO2 | 75 | 4.94 | | |
| CO3 | 70 | -2.65 | | 75 |
| CO4 | 65 | -9.90 | | 70 |
| CO5 | 70 | 0.60 | | 75 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|------------------|----------------|
| CO1 | PSO3, PO2,PO7 | 14 |
| CO2 | PO2,PO3 | 10 |
| CO3 | PO3,PO1 | 08 |
| CO4 | PO3,PO5,PO2,PSO3 | 08 |
| CO5 | PO1,PO2,PSO3 | 10 |
| | | 50 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 18 OF 50 (36%) Sessions are devoted to P01 | Mapping Strength is 2 |
| 42 OF 50 (84%) Sessions are devoted to P02 | Mapping Strength is 3 |
| 40 OF 50 (80%) Sessions are devoted to P03 | Mapping Strength is 3 |
| 08 OF 50 (16%) Sessions are devoted to P05 | Mapping Strength is 2 |
| 14 OF 50(28%) Sessions are devoted to P07 | Mapping Strength is 2 |
| 32 OF 50(64%) Sessions are devoted to PSO3 | Mapping Strength is 1 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------|-----|---|---|----|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Soft Skills | 2 | 3 | 3 | -- | 2 | -- | 2 | -- | -- | -- | -- | -- | -- | -- | 1 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%ge) |
|-----|------------------|---------------------|
| CO1 | PSO3, PO2,PO7 | 79.40 |
| CO2 | PO2,PO3 | 70.06 |
| CO3 | PO3,PO1 | 72.65 |
| CO4 | PO3,PO5,PO2,PSO3 | 74.90 |
| CO5 | PO1,PO2,PSO3 | 76.90 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(2/3) \times (72.65+76.90)/2 = 49.85$ |
| PO2 | $(3/3) \times (79.40+70.06+74.9+76.9)/4 = 75.31$ |
| PO3 | $(3/3) \times (70.06+72.65+74.90+72.)/3 = 72.71$ |
| PO5 | $(2/3) \times (74.90)/1 = 49.3$ |
| PO7 | $(2/3) \times (79.4)/1 = 52.9$ |
| PS03 | $(1/3) \times (79.4+72.65+76.9)/3 = 25.43$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------|------|-------|------|----|------|----|------|---|---|----|----|----|------|---|------|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Soft Skills | 2 | 3 | 3 | -- | 2 | -- | 2 | - | - | -- | -- | -- | -- | - | 1 | -- | -- |
| Attainment | .498 | .7531 | .727 | | .493 | | .529 | | | | | | | | .254 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Business Research Methods

Credits:2

OUTCOMES: Students will be able to

CO1- Understand the types, scope of research, research methodology, steps involved in research.

CO2- Explain the various methods of collecting the required research data.

CO3- Understand the measurement techniques, motivational research techniques, and selection of appropriate statistical techniques.

CO4- Understand tabulation of data, analysis of data, testing of hypothesis, ANOVA, Chi-Square.

CO5- Understand types of reports, contents, bibliography.

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|------------|---|---------------------------|---|--------------|----------------------------------|
| CO1 | Understand the types, scope of research, research methodology, steps in research, problem formulation | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 14 | PO1, PO7, PSO1, PSO2, PSO3, |
| CO2 | Understand observational, survey methods, field work plan, sampling methods | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 8 | PO1, PO3, PO7, PSO1, PSO2, PSO3, |



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| | | | | | |
|------------|--|--|---|----|----------------------------------|
| CO3 | Understand questionnaire design, attitude measurement techniques, motivational research techniques and selection of appropriate statistical techniques | Conceptual and Procedural, Metacognitive | Remember, Understand, Apply and Analyse | 8 | PO1, PO3, PO7, PSO1, PSO2, PSO3, |
| CO4 | Understand tabulation of data, analysis of data, testing of hypothesis, ANOVA, Chi-Square | Conceptual, Procedural and Metacognitive | Remember, Understand, Apply and Analyse | 18 | PSO1, PO1, PO3, PO7 |
| CO5 | Understand types of reports, contents, bibliography | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 8 | PSO1, PO1, PO2, PO3, PO5, PO7 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1/2 | 3.84/5 | 1/1 | 73 |
| CO2 | 1.3/2 | 3.5/5 | 1.5/2 | 70 |
| CO3 | 1.3/2 | 0 | 1.74/2 | 76 |
| CO4 | 1.2/2 | 0 | 2.4/3 | 72 |
| CO5 | 1.5/2 | 0 | 1.5/2 | 75 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 69 |
| CO2 | 69 |
| CO3 | 69 |
| CO4 | 69 |
| CO5 | 69 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 73 | 69 | 70.2 |
| CO2 | 70 | 69 | 69.3 |
| CO3 | 76 | 69 | 71.1 |
| CO4 | 72 | 69 | 69.9 |
| CO5 | 75 | 69 | 70.8 |



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NURTURING VALUES AND EXCELLENCE

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 70 |
| CO2 | 71 |
| CO3 | 69 |
| CO4 | 66 |
| CO5 | 72 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 70.2 | 70 | (.2) |
| CO2 | 69.3 | 71 | 1.7 |
| CO3 | 71.1 | 69 | (2.1) |
| CO4 | 69.9 | 66 | (3.9) |
| CO5 | 70.8 | 72 | 1.2 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|---------------------------------------|---------------------------------------|
| CO1 | 70 | (.2) | | 71 |
| CO2 | 71 | 1.7 | Revision has to be done in this topic | |
| CO3 | 69 | (2.1) | | 72 |
| CO4 | 66 | (3.9) | | 71 |
| CO5 | 72 | 1.2 | Revision has to be done in this topic | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|---------------------------------|----------------|
| CO1 | PO1, PO7, PSO1, PSO2, PSO3 | 14 |
| CO2 | PO1, PO3, PO7, PSO1, PSO2, PSO3 | 8 |
| CO3 | PO1, PO3, PO7, PSO1, PSO2, PSO3 | 8 |
| CO4 | PO1, PO3, PO7, PSO1 | 18 |
| CO5 | PO1, PO2, PO3, PO5, PO7, PSO1 | 8 |
| | | 56 |



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NURTURING VALUES AND EXCELLENCE

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 34 OF 56 (61%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 8 OF 56 (14%) Sessions are devoted to PO5 | Mapping Strength is 1 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 30 OF 56 (54%) Sessions are devoted to PSO2 | Mapping Strength is 3 |
| 30 OF 56 (54%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BRM | 3 | -- | 3 | -- | 1 | -- | 3 | -- | -- | -- | -- | -- | 3 | 3 | 3 | -- | -- |



CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------------------|-------------------|
| CO1 | PO1, PO7, PSO1, PSO2, PSO3 | 70.2 |
| CO2 | PO1, PO3, PO7, PSO1, PSO2, PSO3 | 69.3 |
| CO3 | PO1, PO3, PO7, PSO1, PSO2, PSO3 | 71.1 |
| CO4 | PO1, PO3, PO7, PSO1 | 69.9 |
| CO5 | PO1, PO2, PO3, PO5, PO7, PSO1 | 70.8 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (70.2+69.3+71.1+69.9+70.8)/5 = 70.26\%$ |
| PO3 | $(3/3) \times (70.2+69.3+71.1+69.9+70.8)/5 = 70.26\%$ |
| PO5 | $(1/3) \times (70.8)/1 = 23.60\%$ |
| PO7 | $(3/3) \times (70.2+69.3+71.1+69.9+70.8)/5 = 70.26\%$ |
| PSO1 | $(3/3) \times (70.2+69.3+71.1+69.9+70.8)/5 = 70.26\%$ |
| PSO2 | $(3/3) \times (70.2+69.3+71.1+69.9+70.8)/5 = 70.26\%$ |
| PSO3 | $(3/3) \times (70.2+69.3+71.1+69.9+70.8)/5 = 70.26\%$ |



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NURTURING VALUES AND EXCELLENCE

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|---|-----|---|---|----|----|----|------|-----|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BRM | 3 | - | 3 | - | 1 | - | 3 | - | - | -- | -- | -- | 3 | 3 | 3 | -- | -- |
| Attainment | .70 | - | .70 | - | .23 | - | .70 | - | - | -- | -- | -- | .70 | .70 | .70 | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Business Regulations and Operations

Credits:2

OUTCOMES: Students will be able to

CO1- Understand the roles, functions, and credit creation of commercial banks.

CO2- Explain the banker customer relationship, types of customers, and account holders.

CO3- Understand the different kinds of negotiable instruments, types of crossing, and endorsements.

CO4- Explain duties and responsibilities and statutory protection to paying bankers and collecting bankers.

CO5- Understand the sound principles of bank lending and different kinds of borrowing facilities.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------|--------------------------------|--------------|-------------------------------|
| CO1 | Understand the roles, functions and credit creation of commercial banks | Conceptual | Remember and Understand | 8 | PSO1, PO1, PO3 |
| CO2 | Understand and Analyse the banker customer relationship, types of customers and account holders | Conceptual | Apply and Analyse | 20 | PSO1, PO1, PO3, PO5, PO7 |
| CO3 | Understand the different kinds of negotiable instruments, types of crossing and endorsements | Conceptual and Procedural | Remember, Understand and Apply | 8 | PSO1, PO1, PO2, PO3, PO5, PO7 |
| CO4 | Understand and Explain duties and responsibilities and statutory protection to paying banker and collecting banker | Conceptual | Remember, Understand | 10 | PSO1, PO1, PO3, PO7 |
| CO5 | Understand the sound principles of bank lending and different kinds of borrowing facilities | Conceptual and Procedural | Remember, Understand and Apply | 10 | PSO1, PO1, PO2, PO3, PO5, PO7 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 0 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.6/2 | 4/5 | 0 | 80 |
| CO2 | 1.86/2 | 4.3/5 | 1.4/2 | 84 |
| CO3 | 1.5/2 | 0 | 2.7/3 | 84 |
| CO4 | 1.5/2 | 0 | 2.6/3 | 82 |
| CO5 | 1.16/2 | 0 | 2/2 | 79 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 69 |
| CO2 | 69 |
| CO3 | 69 |
| CO4 | 69 |
| CO5 | 69 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 80 | 69 | 72.3 |
| CO2 | 84 | 69 | 73.5 |
| CO3 | 84 | 69 | 73.5 |
| CO4 | 82 | 69 | 72.9 |
| CO5 | 79 | 69 | 72 |



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NURTURING VALUES AND EXCELLENCE

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 70 |
| CO2 | 75 |
| CO3 | 75 |
| CO4 | 70 |
| CO5 | 69 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 72.3 | 70 | (2.3) |
| CO2 | 73.5 | 75 | 1.5 |
| CO3 | 73.5 | 75 | 1.5 |
| CO4 | 72.9 | 70 | (2.9) |
| CO5 | 72 | 69 | (3) |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 70 | (2.3) | | 74 |
| CO2 | 75 | 1.5 | Revision to be done on this topic | |
| CO3 | 75 | 1.5 | Revision to be done on this topic | |
| CO4 | 70 | (2.9) | | 74 |
| CO5 | 69 | (3) | | 73 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|-------------------------------|----------------|
| CO1 | PSO1, PO1, PO3 | 8 |
| CO2 | PSO1, PO1, PO3, PO5, PO7 | 20 |
| CO3 | PSO1, PO1, PO2, PO3, PO5, PO7 | 8 |
| CO4 | PSO1, PO1, PO3, PO7 | 10 |
| CO5 | PSO1, PO1, PO2, PO3, PO5, PO7 | 10 |
| | | 56 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 18 OF 56 (32%) Sessions are devoted to PO2 | Mapping Strength is 2 |
| 56 OF 56 (100%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 38 OF 56 (68%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 48 OF 56 (86%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|---|----|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BRO | 3 | 2 | 3 | -- | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | - | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|------------|-------------------------------|-------------------|
| CO1 | PSO1, PO1, PO3 | 72.3 |
| CO2 | PSO1, PO1, PO3, PO5, PO7 | 73.5 |
| CO3 | PSO1, PO1, PO2, PO3, PO5, PO7 | 73.5 |
| CO4 | PSO1, PO1, PO3, PO7 | 72.9 |
| CO5 | PSO1, PO1, PO2, PO3, PO5, PO7 | 72 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (72.3+73.5+73.5+72.9+72)/5 = 72.84\%$ |
| PO2 | $(2/3) \times (73.5+72)/2 = 48.50\%$ |
| PO3 | $(3/3) \times (72.3+73.5+73.5+72.9+72)/5 = 72.84\%$ |
| PO5 | $(3/3) \times (73.5+73.5+72)/3 = 73\%$ |
| PO7 | $(3/3) \times (72.3+73.5+73.5+72)/4 = 72.82\%$ |
| PSO1 | $(3/3) \times (72.3+73.5+73.5+72.9+72)/5 = 72.84\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|-----|-----|---|-----|---|-----|---|---|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BRO | 3 | 2 | 3 | - | 3 | - | 3 | - | - | -- | -- | -- | 3 | - | - | -- | -- |
| Attainment | .72 | .48 | .72 | - | .73 | - | .72 | - | - | -- | -- | -- | .72 | - | - | -- | -- |



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NURTURING VALUES AND EXCELLENCE

Attainment of Outcomes Computation of CO Attainment

Course: Cost Accounting

Credits:2

OUTCOMES: Students will be able to

CO1- Understand the scope of cost accounting and classification of cost, preparation of cost sheet.

CO2- Understand the types of material cost involved and various inventory techniques involved in purchasing materials.

CO3- Understand the meaning and types of direct and indirect labour, labour turnover, methods of labour remuneration.

CO4- Understand the meaning and classification of overheads, control of overheads, apportionment, absorption, and allocation of overheads.

CO5- Understand the need and reasons for reconciliation of cost and financial accounts, preparation of reconciliation statement.



| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|---------------------------|-------------------------------|--------------|-----------------|
| CO1 | Understand the meaning, definition of cost, cost accounting, objectives, comparison with financial accounting, classification of cost, preparation of cost sheet, tenders and quotations, designing and installing a cost accounting system | Conceptual, Procedural | Understand, Apply and Analyse | 10 | PO1, PSO1, PSO3 |
| CO2 | Understand the meaning, types of direct and indirect material, material control and purchasing procedure, techniques of inventory control, EOQ, ABC analysis, VED analysis, just in time, methods of pricing materials | Conceptual and Procedural | Understand, Apply and Analyse | 14 | PSO1, PO1, PSO3 |
| CO3 | Understand meaning and types of direct and indirect labour, labour turnover, methods of labour remuneration | Conceptual and Procedural | Understand, Apply and Analyse | 10 | PSO1, PO1, PSO3 |
| CO4 | Understand the meaning and classification of overheads, control of overheads, apportionment, absorption and allocation of overheads | Conceptual and Procedural | Understand, Apply and Analyse | 14 | PSO1, PO1, PSO3 |
| CO5 | Understand the need and reasons for reconciliation of cost and financial accounts, preparation of reconciliation statement | Conceptual and Procedural | Understand, Apply and Analyse | 8 | PSO1, PO1, PSO3 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 4.1/5 | 1.4/2 | 78 |
| CO2 | 1.6/2 | 4.5/5 | 1.6/2 | 85 |
| CO3 | 1.5/2 | 0 | 1.8/2 | 82 |
| CO4 | 1.8/2 | 0 | 1.6/2 | 85 |
| CO5 | 1.6/2 | 0 | 1.8/2 | 85 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 55 |
| CO2 | 55 |
| CO3 | 55 |
| CO4 | 55 |
| CO5 | 55 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 78 | 55 | 61.9 |
| CO2 | 85 | 55 | 64 |
| CO3 | 82 | 55 | 63.1 |
| CO4 | 85 | 55 | 64 |
| CO5 | 85 | 55 | 64 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 61 |
| CO2 | 63 |
| CO3 | 63 |
| CO4 | 63 |
| CO5 | 63 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 61.9 | 61 | (.9) |
| CO2 | 64 | 63 | (1) |
| CO3 | 63.1 | 63 | .1 |
| CO4 | 64 | 63 | 1 |
| CO5 | 64 | 63 | (1) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|---|---------------------------------------|
| CO1 | 61 | (.9) | | 62.8 |
| CO2 | 63 | (1) | | 64.1 |
| CO3 | 63 | .1 | More problems to be solved and revision of the topic to be done | |
| CO4 | 63 | 1 | More problems to be solved and revision of the topic to be done | |
| CO5 | 63 | (1) | | 65.2 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|-----------------|----------------|
| CO1 | PO1, PSO1, PSO3 | 10 |
| CO2 | PSO1, PO1, PSO3 | 14 |
| CO3 | PSO1, PO1, PSO3 | 10 |
| CO4 | PSO1, PO1, PSO3 | 14 |
| CO5 | PSO1, PO1, PSO3 | 8 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|----|----|---|----|----|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CA | 3 | -- | -- | -- | -- | -- | - | -- | -- | -- | -- | -- | 3 | - | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|-----------------|-------------------|
| CO1 | PO1, PSO1, PSO3 | 61.9 |
| CO2 | PSO1, PO1, PSO3 | 64 |
| CO3 | PSO1, PO1, PSO3 | 63.1 |
| CO4 | PSO1, PO1, PSO3 | 64 |
| CO5 | PSO1, PO1, PSO3 | 64 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (61.9+64+63.1+64+64)/5 = 63.4\%$ |
| PSO1 | $(3/3) \times (61.9+64+63.1+64+64)/5 = 63.4\%$ |
| PSO3 | $(3/3) \times (61.9+64+63.1+64+64)/5 = 63.4\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|----|---|---|---|---|---|---|----|----|----|------|---|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CA | 3 | - | -- | - | - | - | - | - | - | -- | -- | -- | 3 | - | 3 | -- | -- |
| Attainment | .63 | - | -- | - | - | - | - | - | - | -- | -- | -- | .63 | - | .63 | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Financial Management

Credits:2

OUTCOMES: Students will be able to

CO1- Understand the meaning of finance, functions, financial management, the role of the financial manager, financial planning, and its principles.

CO2- Understand the Future Value, Present Value, Doubling period, valuation of Bonds & Debentures, Preference Shares, Equity Shares.

CO3- Understand Capital Structure, EBIT, EBT, EPS, Leverages, Capital Budgeting, payback period, rate of return, profitability index.

CO4- Understand the determinants of Dividend Policy, types of Dividends, and provisions of the Companies Act.

CO5- Understand working capital management, cash management, receivables management, and inventory management.



| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------|---|--------------|----------------------|
| CO1 | Understand the meaning of finance, functions, financial management, role of financial manager, financial planning and its principles | Conceptual | Understand | 10 | PSO1, PSO2 |
| CO2 | Understand the future Value , Present Value , Doubling period, valuation of Bonds & Debentures, Preference Shares, Equity Shares | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 10 | PSO1, PO1, PSO3 |
| CO3 | Understand Capital Structure, EBIT, EBT, EPS ,Leverages, Capital Budgeting, payback period, rate of return, profitability index | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 16 | PSO1, PO1, PSO3 |
| CO4 | Understand the determinants of Dividend Policy, types of Dividends and provisions of Companies Act | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 8 | PSO1, PO1, PO7, PSO3 |
| CO5 | Understand the working capital management, cash management, receivables management, inventory management | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 12 | PSO1, PO1, PO7, PSO3 |

**CO Attainment
 Direct Attainment of COs**

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 1 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.6/2 | 3.83/5 | 1.5/2 | 77 |
| CO2 | 1.7/2 | 3.4/5 | 1.47/2 | 73 |
| CO3 | 1.65/2 | 0 | 2.1/3 | 75 |
| CO4 | 1.37/2 | 0 | 1/1 | 79 |
| CO5 | 1.4/2 | 0 | 1.64/2 | 76 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 56 |
| CO2 | 56 |
| CO3 | 56 |
| CO4 | 56 |
| CO5 | 56 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|-------------|-------------|---|
| CO1 | 77 | 56 | 62.3 |
| CO2 | 73 | 56 | 61.1 |
| CO3 | 75 | 56 | 61.7 |
| CO4 | 79 | 56 | 62.9 |
| CO5 | 76 | 56 | 62 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 62 |
| CO2 | 60 |
| CO3 | 61 |
| CO4 | 60 |
| CO5 | 59 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 62.3 | 63 | .7 |
| CO2 | 61.1 | 62 | .9 |
| CO3 | 61.7 | 62 | .3 |
| CO4 | 62.9 | 62 | (.9) |
| CO5 | 62 | 61 | (1) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|---|---------------------------------------|
| CO1 | 63 | .7 | Revision of the topic to be done | |
| CO2 | 62 | .9 | More problems to be solved and revision of the topic to be done | |
| CO3 | 62 | .3 | More problems to be solved and revision of the topic to be done | |
| CO4 | 62 | (.9) | | 64 |
| CO5 | 61 | (1) | | 63.9 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|----------------------|----------------|
| CO1 | PSO1, PSO2 | 10 |
| CO2 | PSO1, PO1, PSO3 | 10 |
| CO3 | PSO1, PO1, PSO3 | 16 |
| CO4 | PSO1, PO1, PO7, PSO3 | 8 |
| CO5 | PSO1, PO1, PO7, PSO3 | 12 |
| | | 56 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 46 OF 56 (82%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 20 OF 56 (36%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 10 OF 56 (18%) Sessions are devoted to PSO2 | Mapping Strength is 1 |
| 46 OF 56 (82%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|----|----|---|----|----|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| FM | 3 | -- | -- | -- | -- | -- | 2 | -- | -- | -- | -- | -- | 3 | 1 | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PSO1, PSO2 | 62.3 |
| CO2 | PSO1, PO1, PSO3 | 61.1 |
| CO3 | PSO1, PO1, PSO3 | 61.7 |
| CO4 | PSO1, PO1, PO7, PSO3 | 62.9 |
| CO5 | PSO1, PO1, PO7, PSO3 | 62 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (61.1+61.7+62.9+62)/4 = 61.92\%$ |
| PO7 | $(2/3) \times (62.9+62)/2 = 41.63\%$ |
| PSO1 | $(3/3) \times (62.3+61.1+61.7+62.9+62)/5 = 62\%$ |
| PSO2 | $(1/3) \times (62.3)/1 = 20.76\%$ |
| PSO3 | $(3/3) \times (61.1+61.7+62.9+62)/4 = 61.92\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|----|---|---|---|-----|---|---|----|----|----|------|-----|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| FM | 3 | - | -- | - | - | - | 3 | - | - | -- | -- | -- | 3 | - | 3 | -- | -- |
| Attainment | .61 | - | -- | - | - | - | .41 | - | - | -- | -- | -- | .62 | .20 | .62 | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Marketing Management

Credits:2

OUTCOMES: Students will be able to

CO1- Understand the meaning, approaches, functions, recent trends in marketing.

CO2- Understand the macro marketing environment factors.

CO3- Understand the marketing mix, product mix, product pricing, channels of distribution.

CO4- Understand the market segmentation, consumer behavior, and buying decision process.

CO5- Understand the role of customer relationship management and its roles by explaining the advantages and disadvantages.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------------------|----------------------------------|--------------|---------------------------|
| CO1 | Understand the meaning, approaches, functions, recent trends in marketing | Conceptual, Factual | Understand and Remember | 10 | PSO1, PO1 |
| CO2 | Understand the macro marketing environment | Conceptual, Factual | Understand and Remember | 10 | PO1, PO7, PSO1 |
| CO3 | Understand the marketing mix, product mix, product pricing, channels of distribution | Conceptual, Factual and Procedural | Understand, Remember and Analyse | 20 | PO1, PO5, PSO1 |
| CO4 | Understand the market segmentation, consumer behaviour and buying decision process | Conceptual, Factual and Metacognitive | Understand, Remember and Analyse | 10 | PO1, PO3, PO7, PSO1, PSO2 |
| CO5 | Understand the role customer relationship management , roles, advantages and disadvantages | Conceptual, Factual | Analyse and Understand | 6 | PSO1, PO1 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 4 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 1 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.6/2 | 4.5/5 | 1.4/2 | 83 |
| CO2 | 1.7/2 | 4.5/5 | 1.5/2 | 85 |
| CO3 | 1.8/2 | 0 | 1.8/2 | 90 |
| CO4 | 1.6/2 | 0 | 1.7/2 | 82 |
| CO5 | 2/2 | 0 | 1.4/2 | 85 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 68 |
| CO2 | 68 |
| CO3 | 68 |
| CO4 | 68 |
| CO5 | 68 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 83 | 68 | 72.5 |
| CO2 | 85 | 68 | 73.1 |
| CO3 | 90 | 68 | 74.6 |
| CO4 | 82 | 68 | 72.1 |
| CO5 | 85 | 68 | 73.1 |



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NURTURING VALUES AND EXCELLENCE

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 62 |
| CO2 | 65 |
| CO3 | 65 |
| CO4 | 65 |
| CO5 | 64 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 72.5 | 70 | (2.5) |
| CO2 | 73.1 | 74 | .9 |
| CO3 | 74.6 | 74 | (.6) |
| CO4 | 72.1 | 73 | .9 |
| CO5 | 73.1 | 74 | .9 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 70 | (2.5) | | 74.3 |
| CO2 | 74 | .9 | Revision on the topic to be done | |
| CO3 | 74 | (.6) | | 75.8 |
| CO4 | 73 | .9 | More assignments to be given | |
| CO5 | 74 | .9 | Revision on the topic to be done | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------------|----------------|
| CO1 | PSO1, PO1 | 10 |
| CO2 | PO1, PO7, PSO1 | 10 |
| CO3 | PO1, PO5, PSO1 | 20 |
| CO4 | PO1, PO3, PO7, PSO1, PSO2 | 10 |
| CO5 | PSO1, PO1 | 6 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 10 OF 56 (18%) Sessions are devoted to PO3 | Mapping Strength is 1 |
| 20 OF 56 (36%) Sessions are devoted to PO5 | Mapping Strength is 2 |
| 20 OF 56 (36%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 10 OF 56 (18%) Sessions are devoted to PSO2 | Mapping Strength is 1 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| MM | 3 | -- | 1 | -- | 2 | -- | 2 | -- | -- | -- | -- | -- | 3 | 1 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------------|-------------------|
| CO1 | PSO1, PO1 | 72.5 |
| CO2 | PO1, PO7, PSO1 | 73.1 |
| CO3 | PO1, PO5, PSO1 | 74.6 |
| CO4 | PO1, PO3, PO7, PSO1, PSO2 | 72.1 |
| CO5 | PSO1, PO1 | 73.1 |



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NURTURING VALUES AND EXCELLENCE

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (72.5+73.1+74.6+72.1+73.1)/5 = 73.08\%$ |
| PO3 | $(3/3) \times (72.1)/1 = 72.1\%$ |
| PO5 | $(1/3) \times (74.6)/1 = 24.86\%$ |
| PO7 | $(1/3) \times (73.1+72.1)/2 = 48.40\%$ |
| PSO1 | $(3/3) \times (72.5+73.1+74.6+72.1+73.1)/5 = 73.08\%$ |
| PSO2 | $(1/3) \times (72.1)/1 = 24.03\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| MM | 3 | - | 3 | - | 1 | -- | 1 | - | - | -- | -- | -- | 3 | 1 | -- | -- | -- |
| Attainment | .73 | - | .72 | - | .24 | -- | .48 | - | - | -- | -- | -- | .73 | .24 | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Services Management

Credits: 2

OUTCOMES: Students will be able to

CO1- Understand the reasons for the growth of services

CO2- Understand the 7Ps of the service marketing mix.

CO3- Understand the impact of Tourism.

CO4- Understand the Various types of insurance.

CO5- Understand the extension services of hospitals.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|--------------------|-----------------|--------------|---------------------|
| CO1 | Explain the reasons for the growth of services | Metacognitive | Analyse | 8 | PO3/PSO1 |
| CO2 | Explain the 7Ps of service marketing mix | Conceptual | Understand | 18 | PO1, PSO1 |
| CO3 | Describe the impact of Tourism | Conceptual | Analyse | 12 | PO1, PO3, PO5, PSO1 |
| CO4 | Various types of insurance | Conceptual | Understand | 12 | PO1, PO7, PSO1 |
| CO5 | Explain the extension services of hospitals | Conceptual | Understand | 6 | PO5, PO6, PO7, PSO1 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1/2 | 4.8/5 | 1.5/2 | 81 |
| CO2 | 1.5/2 | 4.4/5 | 1.6/2 | 83 |
| CO3 | 1.4/2 | 0 | 1.5/2 | 72 |
| CO4 | 1.6/2 | 0 | 1.3/2 | 72 |
| CO5 | 1.6/2 | 0 | 1.7/2 | 82 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 75 |
| CO2 | 75 |
| CO3 | 75 |
| CO4 | 75 |
| CO5 | 75 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 81 | 75 | 76.8 |
| CO2 | 83 | 75 | 77.4 |
| CO3 | 72 | 75 | 74.1 |
| CO4 | 72 | 75 | 74.1 |
| CO5 | 82 | 75 | 77.1 |



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NURTURING VALUES AND EXCELLENCE

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 77 |
| CO2 | 75 |
| CO3 | 75 |
| CO4 | 75 |
| CO5 | 74 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 76.8 | 77 | .2 |
| CO2 | 77.4 | 75 | (2.4) |
| CO3 | 74.1 | 75 | .9 |
| CO4 | 74.1 | 75 | .9 |
| CO5 | 77.1 | 74 | (3.1) |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 77 | .2 | Revision on the topic to be done | |
| CO2 | 75 | (2.4) | | 78.4 |
| CO3 | 75 | .9 | Revision on the topic to be done | |
| CO4 | 75 | .9 | More assignments to be given | |
| CO5 | 74 | (3.1) | | 79.5 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------|----------------|
| CO1 | PO3/PSO1 | 8 |
| CO2 | PO1, PSO1 | 18 |
| CO3 | PO1, PO3, PO5, PSO1 | 12 |
| CO4 | PO1, PO7, PSO1 | 12 |
| CO5 | PO5, PO6, PO7, PSO1 | 6 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 48 OF 56 (86%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 20 OF 56 (36%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 18 OF 56 (32%) Sessions are devoted to PO5 | Mapping Strength is 2 |
| 6 OF 56 (11%) Sessions are devoted to PO6 | Mapping Strength is 1 |
| 18 OF 56 (32%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|---|---|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| SM | 3 | -- | 2 | -- | 2 | 1 | 2 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------|-------------------|
| CO1 | PO3/PSO1 | 76.8 |
| CO2 | PO1, PSO1 | 77.4 |
| CO3 | PO1, PO3, PO5, PSO1 | 74.1 |
| CO4 | PO1, PO7, PSO1 | 74.1 |
| CO5 | PO5, PO6, PO7, PSO1 | 77.1 |



PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (77.4+74.1+74.1)/3 = 75.2\%$ |
| PO3 | $(2/3) \times (76.8+74.1)/2 = 50.30\%$ |
| PO5 | $(2/3) \times (74.1+77.1)/2 = 50.39\%$ |
| PO6 | $(1/3) \times (77.1)/1 = 25.70\%$ |
| PO7 | $(2/3) \times (74.1+77.1)/2 = 50.39\%$ |
| PSO1 | $(3/3) \times (76.8+77.4+74.1+74.1+77.1)/5 = 75.9\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|-----|-----|---|---|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| SM | 3 | - | 3 | - | 1 | -- | 1 | - | - | -- | -- | -- | 3 | 1 | -- | -- | -- |
| Attainment | .75 | - | .50 | - | .50 | .25 | .50 | - | - | -- | -- | -- | .75 | - | -- | -- | -- |

Attainment of Outcomes

Computation of CO Attainment

Course: Advanced Financial Management

Credits: 03

OUTCOMES: Students will be able to

CO1- Understand the Various investment decisions And Risk Analysis, Types, Risk and Uncertainty, and Techniques of Measuring Risks and Problems.

CO2- Explain the Cost of Capital and Capital Structure and Significance of Cost Problems.

CO3- Determine the Dividend theories, Types, Irrelevance Theory – MM Model. Relevance Theories - Walter Model - Gordon Model, Problems.

CO4- Determine the Planning and Forecasting of Working Capital, Concept and Determinants of Working Capital, Problems.

CO5- Determine the Corporate Valuation, DCF method, relative valuation method, net asset method, value-based management. (Only concepts).



| CO | Course Outcome | Cognitive Level | Knowledge category | No. of hours | POs/PSOs |
|-----|---|------------------------|------------------------|--------------|-------------------------|
| CO1 | Understand the Investment Decisions And Risk Analysis, Types, Risk and Uncertainty, Techniques of Measuring Risks and Problems. | Understand and Analyse | Conceptual and Factual | 12 | PO1, PO7, PSO1,PSO3 |
| CO2 | Understanding the Cost Of Capital And Capital Structure and Significance of Cost. Problems. | Understand and Analyse | Conceptual and Factual | 20 | PO1,PSO1, PSO2,PSO3 |
| CO3 | Determine the Dividend theories Types, Irrelevance Theory – MM Model. Relevance Theories - Walter Model - Gordon Model, Problems | Understand and Analyse | Conceptual and Factual | 10 | PO1,PSO1, PSO3 |
| CO4 | Determine the Planning and Forecasting of Working Capital, Concept and Determinants of Working Capital, Problems. | Understand and Analyse | Conceptual and Factual | 10 | PO1,PO7,PSO1,PSO2, PSO3 |
| CO5 | Determine the Corporate Valuation DCF method, relative valuation method, net asset method, value based management. (Only concepts) | Understand | Conceptual | 04 | PO1,PSO1, PSO3 |

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 4 | 1 |
| CO2 | 2 | 6 | 1 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculate

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 3.6 | 1.9 | 77.78 |
| CO2 | 1.9 | 3 | 1.75 | 73.89 |
| CO3 | 1.5 | 0 | 1.9 | 85.00 |
| CO4 | 1.5 | 0 | 1.7 | 80.00 |
| CO5 | 1.35 | 0 | 1.4 | 68.75 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 73 |
| CO2 | 73 |
| CO3 | 73 |
| CO4 | 73 |
| CO5 | 73 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 77.78 | 73 | 74.43 |
| CO2 | 73.89 | 73 | 73.27 |
| CO3 | 85.00 | 73 | 76.60 |
| CO4 | 80.00 | 73 | 75.10 |
| CO5 | 68.75 | 73 | 71.73 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 62 |
| CO2 | 64 |
| CO3 | 63 |
| CO4 | 66 |
| CO5 | 63 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 74.43 | 62 | -12.43 |
| CO2 | 73.27 | 64 | -9.27 |
| CO3 | 76.60 | 63 | -13.60 |
| CO4 | 75.10 | 66 | -9.10 |
| CO5 | 71.73 | 63 | -8.72 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 62 | -12.43 | | 65 |
| CO2 | 64 | -9.27 | More questions to be solved as it is just minor deviation | 65 |
| CO3 | 63 | -13.60 | More previous years question papers to be solved | 65 |
| CO4 | 66 | -9.10 | More questions to be solved as it is just minor deviation | 70 |
| CO5 | 63 | -8.72 | More questions to be solved as it is just minor deviation | 65 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------------|----------------|
| CO1 | PO1, PO7, PSO1, PSO3 | 12 |
| CO2 | PO1, PSO1, PSO2, PSO3 | 20 |
| CO3 | PO1, PSO1, PSO3 | 10 |
| CO4 | PO1, PO7, PSO1, PSO2, PSO3 | 10 |
| CO5 | PO1, PSO1, PSO3 | 04 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each | Mapping Strength |
|--|-----------------------|
| 56 OF 56 Sessions are devoted to PO1 | Mapping Strength is 3 |
| 22 OF 56 Sessions are devoted to PO7 | Mapping Strength is 2 |
| 56 OF 56 Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 30 OF 56 Sessions are devoted to PSO2 | Mapping Strength is 3 |
| 56 OF 56 Sessions are devoted to PSO3 | Mapping Strength is 3 |



Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------------------------|-----|---|---|---|---|---|---|---|---|----|----|----|------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Advanced Financial Management | 3 | - | - | - | - | - | 2 | - | - | - | - | - | 3 | 3 | 3 | - | - |

CO Attainment and POs/PSOs-

| CO | POs | CO Attainment (%) |
|-----|----------------------------|-------------------|
| CO1 | PO1, PO7, PSO1, PSO3 | 74.43 |
| CO2 | PO1, PSO1, PSO2, PSO3 | 73.27 |
| CO3 | PO1, PSO1, PSO3 | 76.60 |
| CO4 | PO1, PO7, PSO1, PSO2, PSO3 | 75.10 |
| CO5 | PO1, PSO1, PSO3 | 71.73 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (74.43+73.27+76.6.+75.10+71.73)/5=74.23$ |
| PO7 | $(2/3) \times (74.43+75.10)/2=49.85$ |
| PSO1 | $(3/3) \times (74.43+73.27+76.6.+75.10+71.73)/5=74.23$ |
| PSO2 | $(3/3) \times (73.27+75.10)/2=74.77$ |
| PSO3 | $(3/3) \times (74.43+73.27+76.6.+75.10+71.73)/5=74.23$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------------------------------|--------|---|---|---|--------|---|---|---|---|----|----|----|--------|--------|--------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Advanced Financial Management | 3 | - | - | - | - | - | 2 | - | - | - | - | - | 3 | 3 | 3 | - | - |
| Attainment | 0.7423 | | | | 0.4985 | | | | | | | | 0.7423 | 0.7477 | 0.7423 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Advertising and Media Management

Credits: 03

OUTCOMES: Students will be able to

CO1- Understand the concept of Advertising.

CO2- Explain the Advertising and Campaign planning.

CO3- Describe the art of copywriting, creative strategy, and Advertising Budget

CO4- Explain the Decision-Making strategy followed by Media.

CO5- Discuss the advertising effectiveness and organizing advertising functions



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|------------------------|-------------------------|--------------|---------------------------------|
| CO1 | Introduction to the Concept of Advertising | Factual | Analyse | 12 | PO1,PO6, PO7, PSO1 |
| CO2 | Describe the Advertising and Campaign planning | Conceptual and Factual | Understand and Analysis | 10 | PO1,PO2,PO6,PO7,PSO1, PSO2,PSO3 |
| CO3 | Describe the art of copywriting , creative strategy and Advertising Budget | Conceptual | Understand and Evaluate | 12 | PO1,PO2,PO6,PSO1, PSO3 |
| CO4 | Explain the Decision Making strategy followed by Media | Conceptual | Understand | 10 | PO1,PO6,PSO1, PSO3 |
| CO5 | Discuss the advertising effectiveness and organizing advertising functions | Conceptual | Analyse | 12 | PO2,PO6,PSO2,PSO3 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 1 |
| CO2 | 2 | 3 | 1 |
| CO3 | 2 | 5 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 1.5 | 1 | 80.00 |
| CO2 | 1.2 | 3 | 1 | 86.67 |
| CO3 | 1.2 | 4.5 | 1.9 | 76.00 |
| CO4 | 1.2 | 0 | 1.6 | 70.00 |
| CO5 | 1.17 | 0 | 2 | 63.40 |



Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 74 |
| CO2 | 74 |
| CO3 | 74 |
| CO4 | 74 |
| CO5 | 74 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 80.00 | 74 | 75.80 |
| CO2 | 86.67 | 74 | 77.80 |
| CO3 | 76.00 | 74 | 74.60 |
| CO4 | 70.00 | 74 | 72.80 |
| CO5 | 63.40 | 74 | 70.82 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 58 |
| CO3 | 58 |
| CO4 | 58 |
| CO5 | 59 |



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NURTURING VALUES AND EXCELLENCE

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 75.80 | 60 | -15.80 |
| CO2 | 77.80 | 58 | -19.80 |
| CO3 | 74.60 | 58 | -16.60 |
| CO4 | 72.80 | 58 | -14.80 |
| CO5 | 70.82 | 59 | -11.82 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | -15.80 | | 65 |
| CO2 | 58 | -19.80 | | 60 |
| CO3 | 58 | -16.60 | | 60 |
| CO4 | 58 | -14.80 | | 60 |
| CO5 | 59 | -11.82 | | 60 |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------------------|----------------|
| CO1 | PO1,PO6, PO7, PSO1 | 12 |
| CO2 | PO1,PO2,PO6,PO7,PSO1, PSO2,PSO3 | 10 |
| CO3 | PO1,PO2,PO6,PSO1, PSO3 | 12 |
| CO4 | PO1,PO6,PSO1, PSO3 | 10 |
| CO5 | PO2,PO6,PSO2,PSO3 | 12 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|------------------|
| 44 OF 56 Sessions are devoted to PO1 | 3 |
| 34 OF 56 Sessions are devoted to PO2 | 3 |
| 56 OF 56 Sessions are devoted to PO6 | 3 |
| 22 OF 56 Sessions are devoted to PO7 | 2 |
| 44 OF 56 Sessions are devoted to PSO1 | 3 |
| 22 OF 56 Sessions are devoted to PSO2 | 2 |
| 44 OF 56 Sessions are devoted to PSO3 | 3 |



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NURTURING VALUES AND EXCELLENCE

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|---|---|---|---|---|---|----|----|----|------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| AMM | 3 | 3 | | | | 3 | 2 | | | | | | 3 | 2 | 3 | | |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%Percentage) |
|-----|---------------------------------|--------------------------------|
| CO1 | PO1,PO6, PO7, PSO1 | 75.80 |
| CO2 | PO1,PO2,PO6,PO7,PSO1, PSO2,PSO3 | 77.80 |
| CO3 | PO1,PO2,PO6,PSO1, PSO3, | 74.60 |
| CO4 | PO1,PO6,PSO1,PSO3 | 72.80 |
| CO5 | PO2,PO6,PSO2,PSO3 | 70.82 |



PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (75.80+77.80+74.6+72.8)/4=75.25$ |
| PO2 | $(3/3) \times (77.80++74.6)/2= 76.2$ |
| PO6 | $(3/3) \times (75.80+77.80+74.6+72.8+70.82)/5= 74.36$ |
| PO7 | $(2/3) \times (75.80+77.80)/2=51.23$ |
| PSO1 | $(3/3) \times (75.80+77.80+74.6+72.8)/4=75.25$ |
| PSO2 | $(2/3) \times (77.8+74.6+70.82)/3=49.55$ |
| PSO3 | $3/3*(77.80+74.6+72.8+70.82)/4=74.015$ |



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NURTURING VALUES AND EXCELLENCE

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------------------|--------|-------|---|---|---|------|--------|---|---|----|----|----|--------|-----|-----|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Advertising and Media Management | 3 | 3 | | | | 3 | 2 | | | | | | 3 | 2 | 3 | | |
| Attainment | 0.7525 | 0.762 | | | | 0.74 | 0.5123 | | | | | | 0.7525 | 0.4 | 0.7 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Computer Application in Business

Credits: 03

OUTCOMES: Students will be able to

CO1- Understand the Uses of Business information systems.

CO2- Understand the Types of Information systems.

CO3- Understand the usage of MS-word and broad guidelines for formatting.

CO4- Understand the various data models.

CO5- Understand the different types of database systems.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-----------------|--------------|-----------|
| CO1 | Uses of Business information system. | Meta Cognitive | Analyse | 8 | PO3, PSO3 |
| CO2 | Types of Information systems | Conceptual | Understand | 10 | PO1, PSO1 |
| CO3 | MS Word-contents, editing a document, formatting spell checking, Page setup, using tabs, Tables | Meta Cognitive | Analyse | 12 | PO3, PO7 |
| CO4 | Data Models | Conceptual | Understand | 14 | PO1, PSO1 |
| CO5 | Types of Database systems | Conceptual | Understand | 12 | PO1, PSO1 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 3 | 1 |
| CO2 | 2 | 2 | 1 |
| CO3 | 2 | 5 | 2 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 2 | 1.7 | 86.67 |
| CO2 | 1.9 | 1 | 1.8 | 94.00 |
| CO3 | 1.5 | 4 | 1.8 | 81.11 |
| CO4 | 1.2 | 0 | 1.7 | 58.00 |
| CO5 | 1.4 | 0 | 1.63 | 60.60 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 71 |
| CO2 | 71 |
| CO3 | 71 |
| CO4 | 71 |
| CO5 | 71 |



Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 86.67 | 71 | 75.70 |
| CO2 | 94.00 | 71 | 77.90 |
| CO3 | 81.11 | 71 | 74.03 |
| CO4 | 58.00 | 71 | 67.10 |
| CO5 | 60.60 | 71 | 67.88 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 70 |
| CO3 | 65 |
| CO4 | 65 |
| CO5 | 60 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 75.70 | 60 | -15.70 |
| CO2 | 77.90 | 70 | -7.90 |
| CO3 | 74.03 | 65 | -9.03 |
| CO4 | 67.10 | 65 | -2.10 |
| CO5 | 67.88 | 60 | -7.88 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | -15.70 | | 65 |
| CO2 | 70 | -7.90 | | 75 |
| CO3 | 65 | -9.03 | | 70 |
| CO4 | 65 | -2.10 | | 70 |
| CO5 | 60 | -7.88 | | 65 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|-----------|----------------|
| CO1 | PO3, PSO3 | 08 |
| CO2 | PO1, PSO1 | 10 |
| CO3 | PO3, PO7 | 12 |
| CO4 | PO1, PSO1 | 14 |
| CO5 | PO1, PSO1 | 12 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 36 OF 56 (64%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 20 OF 56 (38%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 12 OF 56 (21%) Sessions are devoted to PO7 | Mapping Strength is 2 |
| 36 OF 56 (64%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 08 OF 56 (14%) Sessions are devoted to PSO3 | Mapping Strength is 1 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|----|----|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CAB | 3 | - | 2 | -- | -- | -- | 2 | -- | -- | -- | -- | -- | 3 | -- | 1 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%ge) |
|-----|-----------|---------------------|
| CO1 | PO3, PSO3 | 75.70 |
| CO2 | PO1, PSO1 | 77.90 |
| CO3 | PO3, PO7 | 74.03 |
| CO4 | PO1, PSO1 | 67.10 |
| CO5 | PO1, PSO1 | 67.88 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (77.9+67.1+67.88)/3 = 70.1$ |
| PO3 | $(2/3) \times (75.7+74.03)/2 = 49.86$ |
| PO7 | $(2/3) \times (74.03)/1 = 49.30$ |
| PSO1 | $(3/3) \times (77.9+67.1+67.88)/3 = 70.96$ |
| PSO3 | $(1/3) \times (75.7)/1 = 25.20$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-------|---|--------|----|----|----|--------|----|----|----|----|----|--------|----|--------|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CAB | 3 | - | -2 | -- | -- | -- | 2 | -- | -- | -- | -- | -- | 0.7096 | -- | 0.2520 | -- | -- |
| Attainment | 0.701 | | 0.4986 | | | | 0.7930 | | | | | | 0.654 | | .2184 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Consumer Behavior

Credits: 03

OUTCOMES: Students will be able to

CO1- Explain the recent trends in Consumer Behavior.

CO2- Explain the theories of consumer motivation.

CO3- Explain the role of family on consumer behavior.

CO4- Explain the consumer decision-making process.

CO5- State the reasons for the growth of consumerism in India.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-------------------------|--------------|---------------------|
| CO1 | Explain the recent trends in Consumer Behaviour | Factual | Analyse | 8 | PO3, PSO1 |
| CO2 | Describe the theories of consumer motivation | Conceptual | Understand | 10 | PO1, PSO1 |
| CO3 | Describe the role of family on consumer behaviour | Conceptual | Understand and Evaluate | 12 | PO1, PO3, PO7, PSO1 |
| CO4 | Explain the Decision Making Process | Conceptual | Understand | 14 | PO1, PO7, PSO1 |
| CO5 | Describe the reasons for the growth of consumerism in India | Conceptual | Analyse | 12 | PO3, PSO1 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 4.5 | 1.5 | 83.33 |
| CO2 | 1.9 | 4 | 1.8 | 85.56 |
| CO3 | 1.2 | 0 | 1.6 | 70.00 |
| CO4 | 1.2 | 0 | 1.7 | 72.50 |
| CO5 | 1.2 | 0 | 1.6 | 70.00 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 61 |
| CO2 | 61 |
| CO3 | 61 |
| CO4 | 61 |
| CO5 | 61 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 83.33 | 61 | 67.70 |
| CO2 | 85.56 | 61 | 68.37 |
| CO3 | 70.00 | 61 | 63.70 |
| CO4 | 72.50 | 61 | 64.45 |
| CO5 | 70.00 | 61 | 63.70 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 65 |
| CO2 | 65 |
| CO3 | 66 |
| CO4 | 66 |
| CO5 | 67 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 67.70 | 65 | -2.70 |
| CO2 | 68.37 | 65 | -3.37 |
| CO3 | 63.70 | 66 | 2.30 |
| CO4 | 64.45 | 66 | 1.55 |
| CO5 | 63.70 | 67 | 3.30 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 65 | -2.70 | | 70 |
| CO2 | 65 | -3.37 | | 70 |
| CO3 | 66 | 2.30 | Assignments | -- |
| CO4 | 66 | 1.55 | Remedials | -- |
| CO5 | 67 | 3.30 | University Question Papers Based Class Test | -- |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------|----------------|
| CO1 | PO3, PSO1 | 10 |
| CO2 | PO1, PSO1 | 12 |
| CO3 | PO1, PO3, PO7, PSO1 | 12 |
| CO4 | PO1, PO7, PSO1 | 12 |
| CO5 | PO3, PSO1 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 36 OF 56 (64%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 32 OF 56 (53%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 26 OF 56 (46%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|----|----|---|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CB | 3 | -- | 3 | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%Percentage) |
|-----|-------------------|--------------------------------|
| CO1 | PO3, PSO1 | 67.70 |
| CO2 | PO1, PSO1 | 68.37 |
| CO3 | PO1.PO3.PO7, PSO1 | 63.70 |
| CO4 | PO1, PO7, PSO1 | 64.45 |
| CO5 | PO3.PSO1 | 63.70 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (68.37+63.7+64.45)/3= 65.50$ |
| PO3 | $(3/3) \times (67.7+63.7+63.7)/3= 65.033$ |
| PO7 | $(3/3) \times (64.5)/1=64.5$ |
| PSO1 | $(3/3) \times (68.37+63.7+67.7+64.45+63.7)/5=65.58$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|--------|---|--------|----|----|----|-------|---|---|----|----|----|--------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CB | 3 | | 3 | -- | -- | -- | 3 | - | - | -- | -- | -- | 3 | -- | -- | -- | -- |
| Attainment | 0.6550 | | 0.6503 | | | | 0.645 | | | | | | 0.6558 | | | | |

Attainment of Outcomes Computation of CO Attainment

Course: Entrepreneurial Management

Credits: 03

OUTCOMES: Students will be able to

CO1- Understand the concept of entrepreneurship, entrepreneur, and enterprise.

CO2- Explain the role and importance of entrepreneurship in the growth of the country.

CO3- Explain the qualities of an entrepreneur for sustainability and building a suitable personality for the enterprise.

CO4- Evaluate and discuss the problems of the venture.

CO5- Evaluate the different financial supports and sources for a venture.

CO6- Do a Comparison between common drawbacks for failures of venture and factors contributing to the success of an entrepreneur.

CO7- Understand the different financial supports and sources for a venture.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|--------------------|----------------------------|--------------|----------------------|
| CO1 | Describe the concepts of entrepreneurship, entrepreneur and enterprise. | conceptual | Understand | 12 | PO2, PO1, PSO3 |
| CO2 | Explains the role and importance of entrepreneurship in the growth of country | conceptual | Understand | 10 | PO4, PO2, PSO1 |
| CO3 | Explains the qualities of entrepreneur for sustainability and building suitable personality for enterprise | conceptual | Understand and Application | 12 | PO3, PO3, PSO1 |
| CO4 | Evaluating and discussing the problems of venture | Meta cognisant | Understand and Application | 10 | PO1, PSO2, PSO3 |
| CO5 | Evaluating the different financial supports and sources for venture | conceptual | Understand and Application | 12 | PO1, PO2, PSO2, PSO3 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 0 | 2 |
| CO2 | 2 | 5 | 3 |
| CO3 | 2 | 5 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 0 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 0 | 1.9 | 85.00 |
| CO2 | 1.9 | 3.55 | 1.7 | 71.50 |
| CO3 | 1.5 | 4.5 | 1.7 | 77.00 |
| CO4 | 1.37 | 0 | 1.7 | 76.75 |
| CO5 | 1.4 | 0 | 0 | 70.00 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 71 |
| CO2 | 71 |
| CO3 | 71 |
| CO4 | 71 |
| CO5 | 71 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 85.00 | 71 | 75.20 |
| CO2 | 71.50 | 71 | 71.15 |
| CO3 | 77.00 | 71 | 72.80 |
| CO4 | 76.75 | 71 | 72.73 |
| CO5 | 70.00 | 71 | 70.70 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 60 |
| CO3 | 55 |
| CO4 | 65 |
| CO5 | 55 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 75.20 | 60 | -15.20 |
| CO2 | 71.15 | 60 | -11.15 |
| CO3 | 72.80 | 55 | -17.80 |
| CO4 | 72.73 | 65 | -7.72 |
| CO5 | 70.70 | 55 | -15.70 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | -15.20 | - | 65 |
| CO2 | 60 | -11.15 | - | 65 |
| CO3 | 55 | -17.80 | - | 60 |
| CO4 | 65 | -7.72 | - | 70 |
| CO5 | 55 | -15.70 | - | 60 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------|----------------|
| CO1 | PO2, PO1, PSO1 | 12 |
| CO2 | PO3, PO2, PSO1 | 10 |
| CO3 | PO1, PO3, PO7, PSO1 | 12 |
| CO4 | PO1, PSO2, PSO1 | 10 |
| CO5 | PO1, PO2, PSO2, PSO1 | 12 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 34 OF 56 (39%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 44 OF 56 (32%) Sessions are devoted to PO2 | Mapping Strength is 3 |
| 22 OF 56 (21%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 56 OF 56 (39%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 22 OF 56 (39%) Sessions are devoted to PSO2 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------------|-----|---|---|---|---|---|---|---|----|----|----|----|------|---|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Entrepreneurial Management | 3 | 3 | 3 | | | | | | -- | -- | -- | -- | 3 | 3 | | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PO2, PO1, PSO1 | 75.20 |
| CO2 | PO3, PO2, PSO1 | 71.15 |
| CO3 | PO1, PSO1 | 72.80 |
| CO4 | PO1 , PSO2, PSO1 | 72.73 |
| CO5 | PO1, PO2, PSO2, PSO1 | 70.70 |



Attainment of Outcomes Computation of CO Attainment

Course: EMPLOYEE WELFARE & SOCIAL SECURITY (HR ELECTIVE-1),

Credits: 03



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-----------------|--------------|------------------|
| CO1 | Uses of Business information system. | Conceptual | Understand | 12 | PO1, PSO1 |
| CO2 | Types of Information systems | Conceptual | Analyse | 12 | PSO1 PO1,PO3, |
| CO3 | MS Word-contents, editing a document,formatting spell checking,Page setup,using tabs,Tables | Meta Cognitive | Analyse | 10 | PO1, PO7, PSO1 |
| CO4 | Data Models | Conceptual | Analyse | 12 | PO1,PO7 PSO1 |
| CO5 | Types of Database systems | Conceptual | Analyse | 10 | PO7, PSO1 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 1 |
| CO2 | 2 | 3 | 1 |
| CO3 | 2 | 5 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.4 | 1.5 | 1 | 78.00 |
| CO2 | 1.2 | 1.5 | 1 | 61.67 |
| CO3 | 1.2 | 3 | 1 | 52.00 |
| CO4 | 1.15 | 0 | 1.25 | 60.00 |
| CO5 | 1 | 0 | 1.5 | 50.00 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 63 |
| CO2 | 63 |
| CO3 | 63 |
| CO4 | 63 |
| CO5 | 63 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 78.00 | 63 | 67.50 |
| CO2 | 61.67 | 63 | 62.60 |
| CO3 | 52.00 | 63 | 59.70 |
| CO4 | 60.00 | 63 | 62.10 |
| CO5 | 50.00 | 63 | 59.10 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 58 |
| CO3 | 58 |
| CO4 | 58 |
| CO5 | 59 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 75.70 | 60 | -15.70 |
| CO2 | 77.90 | 70 | -7.90 |
| CO3 | 74.03 | 65 | -9.03 |
| CO4 | 67.10 | 65 | -2.10 |
| CO5 | 67.88 | 60 | -7.88 |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 60 | -7.50 | | 65 |
| CO2 | 58 | -4.60 | | 60 |
| CO3 | 58 | -1.70 | | 60 |
| CO4 | 58 | -4.10 | | 60 |
| CO5 | 59 | -0.10 | | 60 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------|----------------|
| CO1 | PO1, PSO1 | 12 |
| CO2 | PSO1 PO1,PO3, | 12 |
| CO3 | PO1, PO3, PSO1 | 10 |
| CO4 | PO1,PO7 PSO1 | 12 |
| CO5 | PO7, PSO1 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 46 OF 56 (64%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 22 OF 56 (38%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 22 OF 56 (21%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (64%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|----|----|----|---|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CAB | 3 | - | 3 | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%ge) |
|-----|----------------|---------------------|
| CO1 | PO1,PSO1 | 67.50 |
| CO2 | PSO1, PO1,PO3, | 62.60 |
| CO3 | PO1, PO3, PSO1 | 59.70 |
| CO4 | PO1,PO7 PSO1 | 62.10 |
| CO5 | PO7, PSO1 | 59.10 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (67.5+62.6+59.7+62.1)/4 = 62.98$ |
| PO3 | $(3/3) \times (62.6+59.7)/2 = 61.15$ |
| PO7 | $(3/3) \times (62.1+59.1)/2 = 60.6$ |
| PSO1 | $(3/3) (67.5+62.6+59.7+62.1+59.1)/5 = 62.2$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|--------|---|--------|----|----|----|-------|----|----|----|----|----|-------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CAB | 3 | - | -3 | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | - | -- | -- |
| Attainment | 0.6298 | | 0.6115 | | | | 0.606 | | | | | | 0.622 | | | | |

Attainment of Outcomes Computation of CO Attainment

Course: Financial Markets and Services

Credits: 03

OUTCOMES: Students will be able to

CO1- Understand the preparation of company final accounts.

CO2- Understand the preparation of various statements and reports.

CO3- Understand the valuation of goodwill and factors influencing goodwill.

CO4- Understand the valuation of shares and various methods involved.

CO5- Understand the preparation of a consolidated balance sheet.



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| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-----------------|--------------|-----------------------|
| CO1 | Understand the preparation of company final accounts | Conceptual | Understand | 12 | PSO1, PSO3, P05, PO7. |
| CO2 | Understand the preparation of various statements and reports | Conceptual | Understand | 12 | PSO1, PSO3, P05, PO7. |
| CO3 | Understand the valuation of goodwill and factors influencing the good will | Conceptual | Understand | 10 | PSO1, PSO3, P05, PO7. |
| CO4 | Understand the valuation of shares and various method involved | Conceptual | Understand | 12 | PSO1, PSO3, P05, PO7. |
| CO5 | Understand the preparation of consolidated balance sheet | Conceptual | Understand | 10 | PSO1, PSO3, P05, PO7. |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 4.5 | 1.9 | 87.78 |
| CO2 | 1.9 | 4 | 1.7 | 84.44 |
| CO3 | 1.5 | 0 | 1.9 | 85.00 |
| CO4 | 1.37 | 0 | 1.7 | 76.75 |
| CO5 | 1.58 | 0 | 1.63 | 80.25 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 82 |
| CO2 | 82 |
| CO3 | 82 |
| CO4 | 82 |
| CO5 | 82 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 90 | 57.85 | 67 |
| CO2 | 95.5 | 57.85 | 69 |
| CO3 | 82.8 | 57.85 | 65 |
| CO4 | 84 | 57.85 | 66 |
| CO5 | 80 | 57.85 | 64 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 65 |
| CO2 | 60 |
| CO3 | 65 |
| CO4 | 70 |
| CO5 | 60 |



CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 67.00 | 65 | -2.00 |
| CO2 | 69.00 | 60 | -9.00 |
| CO3 | 65.00 | 65 | 0.00 |
| CO4 | 66.00 | 70 | 4.00 |
| CO5 | 64.00 | 60 | -4.00 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 65 | -2.00 | | 70 |
| CO2 | 60 | -9.00 | | 65 |
| CO3 | 65 | 0.00 | Simplification of Concepts | - |
| CO4 | 70 | 4.00 | Assignments | - |
| CO5 | 60 | -4.00 | | 65 |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|-------------------|----------------|
| CO1 | PO5,PO7 PS01,PS03 | 12 |
| CO2 | PO5,PO7 PS01,PS03 | 12 |
| CO3 | PO5,PO7 PS01,PS03 | 10 |
| CO4 | PO5,PO7 PS01,PS03 | 12 |
| CO5 | PO5,PO7 PS01,PS03 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| FMS | -- | -- | -- | -- | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|-------------------|-------------------|
| CO1 | PO5,PO7 PS01,PS03 | 67.00 |
| CO2 | PO5,PO7 PS01,PS03 | 69.00 |
| CO3 | PO5,PO7 PS01,PS03 | 65.00 |
| CO4 | PO5,PO7 PS01,PS03 | 66.00 |
| CO5 | PO5,PO7 PS01,PS03 | 64.00 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO5 | $(3/3) \times (67+69+65+66+64)/5 = 66.2\%$ |
| PO7 | $(3/3) \times (67+69+65+66+64)/5 = 66.2\%$ |
| PS01 | $(3/3) \times (67+69+65+66+64)/5 = 66.2\%$ |
| PS03 | $(3/3) \times (67+69+65+66+64)/5 = 66.2\%$ |



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Attainment of POs and PSOs

| Course | POs | | | | | | | | | | PSOs | | | | | | |
|------------|-----|----|---|---|-------|---|-------|---|---|----|--------|--------|-------|---|-------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 1 1 | 1 2 | 1 | 2 | 3 | 4 | 5 |
| FMS | - | -- | - | - | 3 | - | 3 | - | - | -- | -- | - | 3- | - | 3 | - | - |
| Attainment | | | | | 0.662 | | 0.662 | | | | | | 0.662 | | 0.662 | | |

Attainment of Outcomes Computation of CO Attainment

Course: Investment Management 5.3

Credits: 03

Course Outcomes: To enable develop skills in analysing various types of securities, to develop necessary skills in students to design and revise a portfolio of Securities.

OUTCOMES: Students will be able to

CO1- Understand and Analyse the nature, scope of investment management, and its types of financial assets.

CO2- Understand the various types of analysis such as fundamental and Securities.

CO3- Analyse the various concept related to portfolio management.

CO4- Understand and analyse the different types of portfolio management strategies.

CO5- Understand the concept of Mutual Funds, Investor's life cycle, Personal investment, Management of funds in banks, insurance companies, pension funds, International investing.

| CO | Course Outcome | Cognitive Level | Knowledge category | No. of hours | POs/PSOs |
|------------|--|------------------------|--------------------|--------------|----------------------|
| CO1 | Understand the Investment management, nature, scope, investment avenues, types of financial assets, Problems. | Understand and Analyse | Conceptual | 10 | PO1, PO5, PO7, PSO3. |
| CO2 | Describe the Securities Analysis, fundamental analysis, analysis of economy, industry and company analysis. | Understand | Conceptual | 14 | PO1, PO5, PO7, PSO1. |



| | | | | | |
|------------|--|---------------------------|---------------------------|----|-------------------------|
| CO3 | Understand the Portfolio Management why portfolios? Objectives, portfolio management process, selection of securities. And theory, | Analyse | Conceptual | 10 | PO1, PO5, PO7, PSO1. |
| CO4 | Determine the Portfolio Management Strategies, Bond, Equity portfolio management strategies, using derivatives, portfolio evaluation, Sharpe's index, Treyner's measure and Jenson's measure. | Understand and Analyse | Conceptual and Factual | 12 | PO1, PO5, PO7, PSO3. |
| CO5 | Describe the Mutual Funds, Investors life cycle, Personal investment, Management of funds in banks, insurance companies, pension funds, International investing. | Understand | Conceptual | 10 | PO1, PO5, PO7, PSO1. |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1 |
| CO2 | 2 | 5 | 1 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 3 |



| | | | |
|-----|---|---|---|
| CO5 | 2 | 0 | 2 |
|-----|---|---|---|

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1 | 3.5 | 1.2 | 71.25 |
| CO2 | 1.5 | 3 | 1 | 68.75 |
| CO3 | 1 | 0 | 2.5 | 70.00 |
| CO4 | 1.2 | 0 | 2 | 64.00 |
| CO5 | 1.1 | 0 | 1.63 | 68.25 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 48 |
| CO2 | 48 |
| CO3 | 48 |
| CO4 | 48 |



| | |
|-----|----|
| CO5 | 48 |
|-----|----|

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 71.25 | 48 | 54.98 |
| CO2 | 68.75 | 48 | 54.23 |
| CO3 | 70.00 | 48 | 54.60 |
| CO4 | 64.00 | 48 | 52.80 |
| CO5 | 68.25 | 48 | 54.08 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 75 |
| CO2 | 65 |
| CO3 | 70 |
| CO4 | 70 |



| | |
|-----|----|
| CO5 | 70 |
|-----|----|

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 54.98 | 75 | 20.03 |
| CO2 | 54.23 | 65 | 10.78 |
| CO3 | 54.60 | 70 | 15.40 |
| CO4 | 52.80 | 70 | 17.20 |
| CO5 | 54.08 | 70 | 15.93 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 75 | 20.03 | Simplification of Concepts | - |
| CO2 | 65 | 10.78 | University Question Papers Based Class Test | - |
| CO3 | 70 | 15.40 | Remedials | - |
| CO4 | 70 | 17.20 | Assignments | - |



| | | | | |
|-----|----|-------|-------------|---|
| CO5 | 70 | 15.93 | Assignments | - |
|-----|----|-------|-------------|---|

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------|----------------|
| CO1 | PO1, PO5, PO7, PSO3. | 10 |
| CO2 | PO1, PO5, PO7, PSO1. | 14 |
| CO3 | PO1, PO5, PO7, PSO1. | 10 |
| CO4 | PO1, PO5, PO7, PSO3. | 12 |
| CO5 | PO1, PO5, PO7, PSO1. | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each | Mapping Strength |
|---|--------------------|
| 56 of 56 (100%) sessions are devoted to PO1 | Mapping Strength 3 |
| 56 of 56 (100%) sessions are devoted to PO5 | Mapping Strength 3 |
| 56 of 56 (100%) sessions are devoted to PO7 | Mapping Strength 3 |
| 26 of 56 (46%) sessions are devoted to PSO3 | Mapping Strength 3 |
| 34 of 56 (61%) sessions are devoted to PSO1 | Mapping Strength 3 |

s

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | | |
|----------------------------|-----|---|---|---|---|---|---|---|---|----|----|----|------|---|---|---|---|--|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | |
| Fundamentals of Accounting | 3 | | | | 3 | | 3 | | | | | | | 3 | | 3 | | |

CO Attainment and POs/PSOs-

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PO1, PO5, PO7, PSO3. | 54.98 |
| CO2 | PO1, PO5, PO7, PSO1. | 54.23 |
| CO3 | PO1, PO5, PO7, PSO1. | 54.60 |
| CO4 | PO1, PO5, PO7, PSO3. | 52.80 |
| CO5 | PO1, PO5, PO7, PSO1. | 54.08 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PSO1 | $3/3 \times (54.23 + 54.06 + 54.08) / 3 = 54.123\%$ |
| PO7 | $3/3 \times (54.98 + 54.23 + 54.60 + 52.80 + 54.08) / 5 = 54.138\%$ |
| PO5 | $3/3 \times (54.98 + 54.23 + 54.60 + 52.80 + 54.08) / 5 = 54.138\%$ |
| PO1 | $3/3 \times (54.98 + 54.23 + 54.60 + 52.80 + 54.08) / 5 = 54.138\%$ |
| PSO3 | $3/3 \times (54.08 + 52.8) / 2 = 53.44\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------------|-----|---|---|---|---|---|---|---|---|----|----|----|------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Fundamentals of Accounting | 3 | | | | 3 | | 3 | | | | | | 3 | | 3 | | |



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NURTURING VALUES AND EXCELLENCE

| | | | | | | | | | | | | | |
|------------|--------|--|--|--------|--------|--|--|--|--|-------|--------|--|--|
| Attainment | 0.5413 | | | 0.5413 | 0.5413 | | | | | 0.541 | 0.5344 | | |
|------------|--------|--|--|--------|--------|--|--|--|--|-------|--------|--|--|

**Attainment of Outcomes
Computation of CO Attainment**

Course: Corporate Accounting

Credits: 02



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|---------------------------|----------------------------|--------------|-------------------|
| CO1 | Understand the Scope of Management Accounting and relationship between financial, Cost and Management accounting | Conceptual and Procedural | Understand and Application | 06 | PO1, PO5,PO7 PS03 |
| CO2 | Understand the preparation of Trading and Profit & Loss Account and Balance Sheet with the help of Accounting Ratios | Conceptual and Procedural | Understand and Application | 16 | PO1, PO5,PO7 PS03 |
| CO3 | Understand the valuation and Statement of Sources and Application of Funds | Conceptual and Procedural | Understand and Application | 12 | PO1, PO5,PO7 PS03 |
| CO4 | Understand the Preparation of Cash Flow Statement according to AS-3 | Conceptual and Procedural | Understand and Application | 12 | PO1, PO5,PO7 PS03 |
| CO5 | Understand the preparation MARGINAL COSTING AND BUDGETORY CONTROL | Conceptual and Procedural | Understand and Application | 10 | PO1, PO5,PO7 PS03 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 0 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 5 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5 | 0 | 1.5 | 75.00 |
| CO2 | 1.2 | 2 | 1.5 | 52.22 |
| CO3 | 1.2 | 2.5 | 1.5 | 57.78 |
| CO4 | 1.2 | 0 | 1.5 | 67.50 |
| CO5 | 1.2 | 0 | 1.5 | 67.50 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 54 |
| CO2 | 54 |
| CO3 | 54 |
| CO4 | 54 |
| CO5 | 54 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 75.00 | 54 | 60.30 |
| CO2 | 52.22 | 54 | 53.47 |
| CO3 | 57.78 | 54 | 55.13 |
| CO4 | 67.50 | 54 | 58.05 |
| CO5 | 67.50 | 54 | 58.05 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 60 |
| CO2 | 60 |
| CO3 | 50 |
| CO4 | 60 |
| CO5 | 60 |



CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 60.30 | 60 | -0.30 |
| CO2 | 53.47 | 60 | 6.53 |
| CO3 | 55.13 | 50 | -5.13 |
| CO4 | 58.05 | 60 | 1.95 |
| CO5 | 58.05 | 60 | 1.95 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 60 | -0.30 | | 65 |
| CO2 | 60 | 6.53 | Assignments | - |
| CO3 | 50 | -5.13 | | 55 |
| CO4 | 60 | 1.95 | Simplification of Concepts | - |
| CO5 | 60 | 1.95 | University Question Papers Based Class Test | - |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|--------------------|----------------|
| CO1 | PO1, PO5, PO7 PS03 | 06 |
| CO2 | PO1, PO5, PO7 PS03 | 16 |
| CO3 | PO1, PO5, PO7 PS03 | 12 |
| CO4 | PO1, PO5, PO7 PS03 | 12 |
| CO5 | PO1, PO5, PO7 PS03 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------|-----|----|----|----|---|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Corporate Accounting | 3 | -- | -- | -- | 3 | -- | 3 | -- | -- | -- | -- | -- | -- | -- | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|--------------------|-------------------|
| CO1 | PO1, PO5, PO7 PS03 | 60.30 |
| CO2 | PO1, PO5, PO7 PS03 | 53.47 |
| CO3 | PO1, PO5, PO7 PS03 | 55.13 |
| CO4 | PO1, PO5, PO7 PS03 | 58.05 |
| CO5 | PO1, PO5, PO7 PS03 | 58.05 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (60.3+53.47+55.13+58.05+58.05)/5 = 57\%$ |
| PO5 | $(3/3) \times (60.3+53.47+55.13+58.05+58.05)/5 = 57\%$ |
| PO7 | $(3/3) \times (60.3+53.47+55.13+58.05+58.05)/5 = 57\%$ |
| PS03 | $(3/3) \times (60.3+53.47+55.13+58.05+58.05)/5 = 57\%$ |



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NURTURING VALUES AND EXCELLENCE

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|----------------------|------|---|---|---|------|---|------|---|---|----|----|----|------|---|------|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| Corporate Accounting | 3 | - | - | - | 3 | - | 3 | - | - | -- | -- | -- | - | - | 3 | - | - |
| Attainment | 0.57 | | | | 0.57 | | 0.57 | | | | | | | | 0.57 | | |



**Attainment of Outcomes
Computation of CO Attainment**

Course: STRATEGIC HUMAN RESOURCE MANAGEMENT (HR ELECTIVE-2)

Credits: 03



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-----------------|--------------|----------------|
| CO1 | Understand the basic concepts of SHRM | Conceptual | Understand | 10 | PO3, PSO1 |
| CO2 | Understand and analyze the investment perspective of HR | Metacognitive | Analyze | 12 | PO1, PO7, PSO1 |
| CO3 | Understand & analyse the dynamics of strategic plans | Metacognitive | Analyze | 10 | PO6, PSO1 |
| CO4 | Understand how to establish strategic plans | Metacognitive | Analyze | 12 | PO7, PSO1 |
| CO5 | Analyse the principles of global HRM. | Metacognitive | Analyze | 12 | PO3, PSO1 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 2 | 1 |
| CO2 | 2 | 3 | 1 |
| CO3 | 2 | 5 | 2 |
| CO4 | 2 | 0 | 3 |
| CO5 | 2 | 0 | 3 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.4 | 1.5 | 1 | 78.00 |
| CO2 | 1.2 | 1.5 | 1 | 61.67 |
| CO3 | 1.2 | 3.1 | 1.5 | 64.44 |
| CO4 | 1.15 | 0 | 1.7 | 57.00 |
| CO5 | 1 | 0 | 1.7 | 54.00 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 57 |
| CO2 | 57 |
| CO3 | 57 |
| CO4 | 57 |
| CO5 | 57 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 78.00 | 57 | 63.30 |
| CO2 | 61.67 | 57 | 58.40 |
| CO3 | 64.44 | 57 | 59.23 |
| CO4 | 57.00 | 57 | 57.00 |
| CO5 | 54.00 | 57 | 56.10 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 58 |
| CO2 | 56 |
| CO3 | 58 |
| CO4 | 60 |
| CO5 | 59 |



CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 63.30 | 58 | -5.30 |
| CO2 | 58.40 | 56 | -2.40 |
| CO3 | 59.23 | 58 | -1.23 |
| CO4 | 57.00 | 60 | 3.00 |
| CO5 | 56.10 | 59 | 2.90 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 58 | -5.30 | | 65 |
| CO2 | 56 | -2.40 | | 60 |
| CO3 | 58 | -1.23 | | 65 |
| CO4 | 60 | 3.00 | Assignments | 60 |
| CO5 | 59 | 2.90 | University Question Papers Based Class Test | 59 |



CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------|----------------|
| CO1 | PO3,PSO1 | 10 |
| CO2 | PO1, PO7, PSO1 | 12 |
| CO3 | PO6, PSO1 | 10 |
| CO4 | PO7, PSO1 | 12 |
| CO5 | PO3,PSO1 | 12 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 12 OF 56 (64%) Sessions are devoted to PO1 | Mapping Strength is 2 |
| 22 OF 56 (38%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 10 OF 56 (21%) Sessions are devoted to PO6 | Mapping Strength is 2 |
| 24 OF 56 (64%) Sessions are devoted to P07 | Mapping Strength is 3 |
| 56 OF 56 (14%) Sessions are devoted to PSO1 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|---|---|----|----|---|---|----|----|----|----|----|------|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CAB | 2 | - | 3 | -- | -- | 2 | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- |



CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%ge) |
|-----|----------------|---------------------|
| CO1 | PO3,PSO1 | 63.30 |
| CO2 | PO1, PO7, PSO1 | 58.40 |
| CO3 | PO6, PSO1 | 59.23 |
| CO4 | PO7, PSO1 | 57.00 |
| CO5 | PO3,PSO1 | 56.10 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(2/3) \times (58.4)/1 = 38.544$ |
| PO3 | $(3/3) \times (63.3+56.1)/2 = 59.7$ |
| PO6 | $(2/3) \times (59.23)/1 = 39.091$ |
| PO7 | $(3/3) \times (58.4+57)/2 = 57.7$ |
| PSO1 | $(3/3) \times (63.3+58.4+59.23+57+56.1)/5 = 58.81$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------------|--------|---|-------|---|---|--------|-------|---|---|----|----|----|--------|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| CAB | 2 | - | -3 | - | - | 2- | 3 | - | - | -- | -- | -- | 3 | - | | - | - |
| Attainment | 0.3854 | | 0.597 | | | 0.3909 | 0.575 | | | | | | 0.5881 | | | | |

Attainment of Outcomes Computation of CO Attainment

Course: Brand Management

Credits: 3

OUTCOMES: Students will be able to

CO1- Understand the types of products.

CO2- Describe the various product line decisions.

CO3- Explain the new product development process.

CO4- Explain the reasons for the failure of new products.

CO5- Describe the challenges and opportunities of branding.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|--------------------|-------------------------|--------------|---------------------|
| CO1 | Understand the types of products | Conceptual | Understand and Remember | 8 | PSO1, PO1 |
| CO2 | Describe the various product line decisions | Conceptual | Understand and Remember | 12 | PO1, PO7, PSO1 |
| CO3 | Explain the new product development process | Conceptual | Understand and Remember | 12 | PO1, PSO1 |
| CO4 | Explain the reasons for failure of new products | Metacognitive | Analyse | 12 | PO3, PSO1 |
| CO5 | Describe the challenges and opportunities of branding | Metacognitive | Analyse and Understand | 12 | PO1, PO3, PO5, PSO2 |

CO

Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 4.5/5 | 2/2 | 88.9 |
| CO2 | 1.5/2 | 4/5 | 1.5/2 | 75 |
| CO3 | 2/2 | 0 | 1.5/2 | 87.5 |
| CO4 | 1.5/2 | 0 | 1.5/2 | 75 |
| CO5 | 1.5/2 | 0 | 1.5/2 | 75 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 73 |
| CO2 | 73 |
| CO3 | 73 |
| CO4 | 73 |
| CO5 | 73 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 88.9 | 73 | 77.77 |
| CO2 | 75 | 73 | 73.60 |
| CO3 | 87.5 | 73 | 77.35 |
| CO4 | 75 | 73 | 73.60 |
| CO5 | 75 | 73 | 73.60 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 80 |
| CO2 | 75 |
| CO3 | 80 |
| CO4 | 70 |
| CO5 | 70 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 77.77 | 80 | 2.23 |
| CO2 | 73.60 | 75 | 1.40 |
| CO3 | 77.35 | 80 | 2.65 |
| CO4 | 73.60 | 70 | (3.60) |
| CO5 | 73.60 | 70 | (3.60) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|---|---------------------------------------|
| CO1 | 80 | 2.23 | More detailed demonstration | |
| CO2 | 75 | 1.40 | Revision on the topic to be done | |
| CO3 | 80 | 2.65 | More assignments to be given and video presentation to be shown | |
| CO4 | 70 | (3.60) | | 75 |
| CO5 | 70 | (3.60) | | 75 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|---------------------|----------------|
| CO1 | PSO1, PO1 | 8 |
| CO2 | PO1, PO7, PSO1 | 12 |
| CO3 | PO1, PSO1 | 12 |
| CO4 | PO3, PSO1 | 12 |
| CO5 | PO1, PO3, PO5, PSO2 | 12 |
| | | |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 44 OF 56 (79%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 24 OF 56 (43%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 12 OF 56 (21%) Sessions are devoted to PO5 | Mapping Strength is 1 |
| 12 OF 56 (21%) Sessions are devoted to PO7 | Mapping Strength is 1 |
| 44 OF 56 (79%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 12 OF 56 (21.4%) Sessions are devoted to PSO2 | Mapping Strength is 1 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BM | 3 | -- | 3 | -- | 1 | -- | 1 | -- | -- | -- | -- | -- | 3 | 1 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------|-------------------|
| CO1 | PSO1, PO1 | 77.77 |
| CO2 | PO1, PO7, PSO1 | 73.60 |
| CO3 | PO1, PSO1 | 77.35 |
| CO4 | PO3, PSO1 | 73.60 |
| CO5 | PO1, PO3, PO5, PSO2 | 73.60 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (77.77+73.60+77.35+73.60)/4 = 75.58\%$ |
| PO3 | $(3/3) \times (73.60+73.60)/2 = 73.60\%$ |
| PO5 | $(1/3) \times (73.60)/1 = 24.53\%$ |
| PO7 | $(1/3) \times (73.60)/1 = 24.53\%$ |
| PSO1 | $(3/3) \times (77.77+73.60+77.35+73.60)/4 = 75.58\%$ |
| PSO2 | $(1/3) \times (73.60)/1 = 24.53\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BM | 3 | - | 3 | - | 1 | -- | 1 | - | - | -- | -- | -- | 3 | 1 | -- | -- | -- |
| Attainment | .75 | - | .73 | - | .24 | -- | .24 | - | - | -- | -- | -- | .75 | .24 | -- | -- | -- |



Attainment of Outcomes Computation of CO Attainment

Course: COMPENSATION MANAGEMENT

Credits: 3



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|--------------------|-----------------|--------------|----------------|
| CO1 | Understand the basic concept of job evaluation & performance appraisal | Conceptual | Understand | 10 | PO1, PSO1 |
| CO2 | Understand mechanisms of compensation management | Conceptual | Understand | 10 | PO3, PSO1 |
| CO3 | Understand & analyze the theories of wage & salary administration | Metacognitive | Analyze | 16 | PO1, PO7, PSO1 |
| CO4 | Understand the concept of incentives | Metacognitive | Analyze | 10 | PO5, PO6, |
| CO5 | Analyze the role of regulatory bodies for compensation management. | Metacognitive | Analyze | 10 | PO7, PSO1 |



CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.5/2 | 3.5/5 | 2/2 | 77.7 |
| CO2 | 1.5/2 | 4/5 | 1.5/2 | 77.7 |
| CO3 | 2/2 | 0 | 1.5/2 | 87.5 |
| CO4 | 1.5/2 | 0 | 1.6/2 | 77.5 |
| CO5 | 1.5/2 | 0 | 1.5/2 | 75 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 62 |
| CO2 | 62 |
| CO3 | 62 |
| CO4 | 62 |
| CO5 | 62 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 77.7 | 62 | 66.71 |
| CO2 | 77.7 | 62 | 66.71 |
| CO3 | 87.5 | 62 | 69.65 |
| CO4 | 77.5 | 62 | 66.65 |
| CO5 | 75 | 62 | 65.90 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 68 |
| CO2 | 69 |
| CO3 | 71 |
| CO4 | 65 |
| CO5 | 64 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 66.71 | 68 | 1.29 |
| CO2 | 66.71 | 69 | 2.29 |
| CO3 | 69.65 | 71 | 1.35 |
| CO4 | 66.65 | 65 | (1.65) |
| CO5 | 65.90 | 64 | (1.90) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|---|---------------------------------------|
| CO1 | 68 | 1.29 | More detailed demonstration | |
| CO2 | 69 | 2.29 | Revision on the topic to be done | |
| CO3 | 71 | 1.35 | More assignments to be given and video presentation to be shown | |
| CO4 | 65 | (1.65) | | 69 |
| CO5 | 64 | (1.90) | | 67 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|---------------------|----------------|
| CO1 | PSO1, PO1 | 8 |
| CO2 | PO1, PO7, PSO1 | 12 |
| CO3 | PO1, PSO1 | 12 |
| CO4 | PO3, PSO1 | 12 |
| CO5 | PO1, PO3, PO5, PSO2 | 12 |
| | | |

Course – PO/PSO Mapping Strength



| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 44 OF 56 (79%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 24 OF 56 (43%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 12 OF 56 (21%) Sessions are devoted to PO5 | Mapping Strength is 1 |
| 12 OF 56 (21%) Sessions are devoted to PO7 | Mapping Strength is 1 |
| 44 OF 56 (79%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 12 OF 56 (21.4%) Sessions are devoted to PSO2 | Mapping Strength is 1 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BM | 3 | -- | 3 | -- | 1 | -- | 1 | -- | -- | -- | -- | -- | 3 | 1 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------|-------------------|
| CO1 | PSO1, PO1 | 66.71 |
| CO2 | PO1, PO7, PSO1 | 66.71 |
| CO3 | PO1, PSO1 | 69.65 |
| CO4 | PO3, PSO1 | 66.65 |
| CO5 | PO1, PO3, PO5, PSO2 | 65.90 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (66.71+66.71+69.65+65.90)/4 = 67.24\%$ |
| PO3 | $(3/3) \times (66.65+65.90)/2 = 66.27\%$ |
| PO5 | $(1/3) \times (65.90)/1 = 21.96\%$ |
| PO7 | $(1/3) \times (66.07)/1 = 22.02\%$ |
| PSO1 | $(3/3) \times (66.71+66.71+69.65+66.65)/4 = 67.43\%$ |
| PSO2 | $(1/3) \times (65.90)/1 = 21.96\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| BM | 3 | - | 3 | - | 1 | -- | 1 | - | - | -- | -- | -- | 3 | 1 | -- | -- | -- |
| Attainment | .67 | - | .66 | - | .21 | -- | .22 | - | - | -- | -- | -- | .67 | .21 | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: E Business

Credits: 3

OUTCOMES: Students will be able to

CO1- Understand the concept of E-Commerce and history, types, comparison with traditional commerce, e-commerce business models, and emerging trends.

CO2- Understand the security threats E-Commerce security, communication channels, web servers, policies, and procedures.

CO3- Understand the e-payment systems and various types of them.

CO4- Understand the various e-commerce marketing and branding strategies.

CO5- Understand the legal aspects of e-business, internet frauds, and the governing cyber laws.



| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|------------|--|------------------------------------|--------------------------------|--------------|--------------------------------|
| CO1 | Understand Ecommerce- introduction, history, types, comparison with traditional commerce, ecommerce business models, emerging trends | Conceptual, Factual | Understand and Remember | 16 | PSO1, PO1, PO6 |
| CO2 | Understand the security threats, ecommerce security, communication channels and web servers, policies and procedures | Conceptual, Factual and Procedural | Understand and Apply | 12 | PSO1, PO1, PO7 |
| CO3 | Understand the epayment systems, types, SET | Conceptual and Metacognitive | Understand and Apply | 12 | PO1, PO7, PSO1 |
| CO4 | Understand ecommerce marketing and branding strategies, DBMS, CRM, SQL | Conceptual and Metacognitive | Understand, Remember and Apply | 10 | PO1, PO3, PSO2, PSO1 |
| CO5 | Understand the legal aspects of e business, internet frauds, cyber laws | Conceptual and Procedural | Understand, Remember and Apply | 6 | PO1, PO3, PO5, PO7, PSO1, PSO2 |

**CO Attainment
 Direct Attainment of COs**

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.6/2 | 4.5/5 | 1.7/2 | 86.66 |
| CO2 | 1.5/2 | 4.5/5 | 1.9/2 | 87.77 |
| CO3 | 1.5/2 | 0 | 1.8/2 | 82.5 |
| CO4 | 1.6/2 | 0 | 1.7/2 | 82.5 |
| CO5 | 1.5/2 | 0 | 1.8/2 | 82.5 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 80 |
| CO2 | 80 |
| CO3 | 80 |
| CO4 | 80 |
| CO5 | 80 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment $0.3 \text{ CIE Cl. Ave} + 0.7 \text{ SEE Cl. Ave}$ |
|-----|----------------|----------------|---|
| CO1 | 86.66 | 80 | 81.90 |
| CO2 | 87.77 | 80 | 82.33 |
| CO3 | 82.5 | 80 | 80.75 |
| CO4 | 82.5 | 80 | 80.75 |
| CO5 | 82.5 | 80 | 80.75 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 83 |
| CO2 | 80 |
| CO3 | 79 |
| CO4 | 82 |
| CO5 | 83 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 81.90 | 83 | 1.1 |
| CO2 | 82.33 | 80 | (2.33) |
| CO3 | 80.75 | 79 | (1.75) |
| CO4 | 80.75 | 82 | 1.25 |
| CO5 | 80.75 | 83 | 2.25 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 83 | 1.1 | Revision on the topic to be done | |
| CO2 | 80 | (2.33) | | 84 |
| CO3 | 79 | (1.75) | | 81.5 |
| CO4 | 82 | 1.25 | More assignments to be given | |
| CO5 | 83 | 2.25 | Revision on the topic to be done | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|--------------------------------|----------------|
| CO1 | PSO1, PO1, PO6 | 16 |
| CO2 | PSO1, PO1, PO7 | 12 |
| CO3 | PO1, PO7, PSO1 | 12 |
| CO4 | PO1, PO3, PSO2, PSO1 | 10 |
| CO5 | PO1, PO3, PO5, PO7, PSO1, PSO2 | 6 |
| | | |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 16 OF 56 (29%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 6 OF 56 (10%) Sessions are devoted to PO5 | Mapping Strength is 1 |
| 16 OF 56 (29%) Sessions are devoted to PO6 | Mapping Strength is 2 |
| 30 OF 56 (54%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 16 OF 56 (29%) Sessions are devoted to PSO2 | Mapping Strength is 2 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|---|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| EB | 3 | -- | 2 | -- | 1 | 2 | 3 | -- | -- | -- | -- | -- | 3 | 2 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|--------------------------------|-------------------|
| CO1 | PSO1, PO1, PO6 | 81.90 |
| CO2 | PSO1, PO1, PO7 | 82.33 |
| CO3 | PO1, PO7, PSO1 | 80.75 |
| CO4 | PO1, PO3, PSO2, PSO1 | 80.75 |
| CO5 | PO1, PO3, PO5, PO7, PSO1, PSO2 | 80.75 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (81.90+82.33+80.75+80.75+80.75)/5 = 81.29\%$ |
| PO3 | $(2/3) \times (80.75+80.75)/2 = 53.83\%$ |
| PO5 | $(1/3) \times (80.75)/1 = 26.92\%$ |
| PO6 | $(1/3) \times (81.90)/1 = 27.29\%$ |
| PO7 | $(3/3) \times (82.33+80.75+80.75)/3 = 81.27\%$ |
| PSO1 | $(3/3) \times (81.90+82.33+80.75+80.75+80.75)/5 = 81.29\%$ |
| PSO2 | $(2/3) \times (80.75+80.75)/2 = 53.83\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|-----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| EB | 3 | - | 2 | - | 1 | 1 | 3 | - | - | -- | -- | -- | 3 | 2 | -- | -- | -- |
| Attainment | .81 | - | .53 | - | .26 | .27 | .81 | - | - | -- | -- | -- | .81 | .53 | -- | -- | -- |

Attainment of Outcomes

Computation of CO Attainment

Course: International Business

Credits: 3

OUTCOMES: Students will be able to

CO1- Understand the meaning, definition, theories of International Business, Economic Theories, forms, and nature of international business.

CO2- Understand mode of entry, exporting, licensing, franchising, contract manufacturing, turnkey projects, FDI, mergers, acquisitions, and Joint ventures.

CO3- Understand globalization meaning, advantages, and disadvantages, global companies, MNC, global companies, organisational transformations.

CO4- Understand the information, sources, international marketing, information system, and marketing research.

CO5- Understand export trade, procedure, steps and documentation, EXIM trade, BOP, disequilibrium, and measures for rectification, EXIM Trade institutions.

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|---|---------------------------|--------------------------------|--------------|---------------------------|
| CO1 | Understand the meaning, definition, Theories of International Business, Economic Theories, forms and nature of international business | Conceptual | Understand and Remember | 10 | PSO1, PO1 |
| CO2 | Understand mode of entry, exporting, licensing, franchising, contract manufacturing, turn key projects, FDI, mergers, acquisitions and Joint ventures | Conceptual | Understand and Apply | 12 | PSO1, PO1 |
| CO3 | Understand globalization meaning, advantages and disadvantages, global companies, MNC, global companies, organisational transformations | Conceptual | Understand, Apply | 16 | PO1, PO7, PSO1 |
| CO4 | Understand information, sources, international marketing, information system and marketing research | Conceptual, Metacognitive | Understand, Remember and Apply | 8 | PO1, PO3, PO7, PSO2, PSO1 |
| CO5 | Understand export trade, procedure, steps and documentation, EXIM trade, BOP, disequilibrium and measures for rectification, EXIM Trade institutions | Conceptual, Procedural | Understand, Remember and Apply | 10 | PO1, PO3, PO7, PSO2, PSO1 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1.5 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 1.5 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.9/2 | 4/5 | 1.3/1.5 | 84.70 |
| CO2 | 1.6/2 | 4/5 | 1.8/2 | 82.22 |
| CO3 | 1.8 /2 | 0 | 2.5/3 | 86 |
| CO4 | 1.5/2 | 0 | 1.2/1.5 | 77.14 |
| CO5 | 1.5/2 | 0 | 1.7/2 | 80 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 85 |
| CO2 | 85 |
| CO3 | 85 |
| CO4 | 85 |
| CO5 | 85 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 84.70 | 85 | 84.91 |
| CO2 | 82.22 | 85 | 84.16 |
| CO3 | 86 | 85 | 85.30 |
| CO4 | 77.14 | 85 | 82.64 |
| CO5 | 80 | 85 | 83.50 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 86 |
| CO2 | 80 |
| CO3 | 88 |
| CO4 | 79 |
| CO5 | 81 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 84.91 | 86 | 1.09 |
| CO2 | 84.16 | 80 | (4.16) |
| CO3 | 85.30 | 88 | 2.7 |
| CO4 | 82.64 | 79 | (3.64) |
| CO5 | 83.50 | 81 | (2.5) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 86 | 1.09 | Revision on the topic to be done | |
| CO2 | 80 | (4.16) | | 86 |
| CO3 | 88 | 2.7 | More assignments to be given | |
| CO4 | 79 | (3.64) | | 85 |
| CO5 | 81 | (2.5) | | 85 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------------|----------------|
| CO1 | PSO1, PO1 | 10 |
| CO2 | PSO1, PO1 | 12 |
| CO3 | PO1, PO7, PSO1 | 16 |
| CO4 | PO1, PO3, PO7, PSO2, PSO1 | 8 |
| CO5 | PO1, PO3, PO7, PSO2, PSO1 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 18 OF 56 (32%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 34 OF 56 (61%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 18 OF 56 (32%) Sessions are devoted to PSO2 | Mapping Strength is 2 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| IB | 3 | -- | 2 | -- | - | -- | 3 | -- | -- | -- | -- | -- | 3 | 2 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------------|-------------------|
| CO1 | PSO1, PO1 | 84.91 |
| CO2 | PSO1, PO1 | 84.16 |
| CO3 | PO1, PO7, PSO1 | 85.30 |
| CO4 | PO1, PO3, PO7, PSO2, PSO1 | 82.64 |
| CO5 | PO1, PO3, PO7, PSO2, PSO1 | 83.50 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (84.91+84.16+85.30+82.64+83.50)/5 = 84.10\%$ |
| PO3 | $(2/3) \times (82.64+83.50)/2 = 55.37\%$ |
| PO7 | $(3/3) \times (85.30+82.64+83.50)/3 = 83.81\%$ |
| PSO1 | $(3/3) \times (84.91+84.16+85.30+82.64+83.50)/5 = 84.10\%$ |
| PSO2 | $(2/3) \times (82.64+83.50)/2 = 55.37\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------------|-----|---|-----|---|---|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| IB | 3 | - | 2 | - | - | -- | 3 | - | - | -- | -- | -- | 3 | 2 | -- | -- | -- |
| Attainment | .84 | - | .55 | - | - | -- | .83 | - | - | -- | -- | -- | .84 | .55 | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: International Finance

Credits: 3

OUTCOMES: Students will be able to

CO1- Understand the various issues involved in international business.

CO2- Understand the foreign exchange market in detail.

CO3- Understand the phenomenon of international financial markets.

CO4 exchange risks, hedging, forward, future, swaps options, valuation of future swaps, options, and efficiency of exchange markets

CO5- Understand IMF, International liquidity, SDRs, IBRD, IDA, international investment guarantee.

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|------------|---|------------------------------------|--------------------------------|--------------|----------------------------|
| CO1 | Understand the issues in IB, methods of payment, international monetary system, terms and concepts, cross currency rates, home currency, spot and forward rate, appreciation and depreciation | Conceptual, Factual | Understand and Remember | 12 | PSO1, PO1 |
| CO2 | Understand forex market, intermediaries, ADR, foreign exchange rate, theories of foreign exchange rate, BOP, disequilibrium in BOP, methods of correction of disequilibrium | Conceptual, Procedural and Factual | Understand and Apply | 12 | PSO1, PO1, PSO3 |
| CO3 | Understand meaning, definition of international financial markets, globalisation of capital markets, innovation in foreign securities and international portfolio management | Conceptual | Understand, Apply | 8 | PO1, PO7, PSO1 |
| CO4 | Understand exchange risks, hedging, forward, future, swaps options, valuation of future swaps, options and efficiency of exchange markets | Conceptual, Metacognitive | Understand, Analyse and Apply | 10 | PO1, PSO3, PO7, PSO2, PSO1 |
| CO5 | Understand IMF, International liquidity, SDR's, IBRD, IDA, international investment guarantee | Conceptual, Procedural | Understand, Remember and Apply | 14 | PO1, PO3, PO7, PSO2, PSO1 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2.5 |
| CO2 | 2 | 5 | 2.5 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 1 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.7/2 | 4.7/5 | 2.2/2.5 | 90.52 |
| CO2 | 1.8/2 | 4.7/5 | 2.3/2.5 | 92.63 |
| CO3 | 1.8/2 | 0 | 1.8/2 | 90 |
| CO4 | 1.9/2 | 0 | 0.9/1 | 93.33 |
| CO5 | 1.8/2 | 0 | 1.8/2 | 90 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 81 |
| CO2 | 81 |
| CO3 | 81 |
| CO4 | 81 |
| CO5 | 81 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 90.52 | 81 | 83.87 |
| CO2 | 92.63 | 81 | 84.48 |
| CO3 | 90 | 81 | 83.7 |
| CO4 | 93.33 | 81 | 84.69 |
| CO5 | 90 | 81 | 83.70 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 81 |
| CO2 | 86 |
| CO3 | 85 |
| CO4 | 83 |
| CO5 | 79 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 83.87 | 81 | (2.87) |
| CO2 | 84.48 | 86 | 1.52 |
| CO3 | 83.7 | 85 | 1.3 |
| CO4 | 84.69 | 83 | (1.69) |
| CO5 | 83.70 | 79 | (4.7) |

Closure of the Quality Loop for COs:



| Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 81 (2.87) | | 85 |
| CO2 | 86 1.52 | Revision on the topic to be done | |
| CO3 | 85 1.3 | Revision on the topic to be done | |
| CO4 | 83 (1.69) | | 86 |
| CO5 | 79 (4.7) | | 83 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------------|----------------|
| CO1 | PSO1, PO1 | 12 |
| CO2 | PSO1, PO1, PSO3 | 12 |
| CO3 | PO1, PO7, PSO1 | 8 |
| CO4 | PO1, PSO3, PO7, PSO2, PSO1 | 10 |
| CO5 | PO1, PO3, PO7, PSO2, PSO1 | 14 |
| | | |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 36 OF 56 (64%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 32 OF 56 (57%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 24 OF 56 (43%) Sessions are devoted to PSO2 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | PSOs |
|--------|-----|------|
|--------|-----|------|

| | | | | | | | | | | | | | | | | | |
|----|---|----|---|----|---|----|---|----|----|----|----|----|---|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| IF | 3 | -- | 3 | -- | - | -- | 3 | -- | -- | -- | -- | -- | 3 | 3 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------------------|-------------------|
| CO1 | PSO1, PO1 | 83.87 |
| CO2 | PSO1, PO1, PSO3 | 84.48 |
| CO3 | PO1, PO7, PSO1 | 83.7 |
| CO4 | PO1, PSO3, PO7, PSO2, PSO1 | 84.69 |
| CO5 | PO1, PO3, PO7, PSO2, PSO1 | 83.70 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (83.87+84.48+83.7+84.69+83.70)/5 = 83.98\%$ |
| PO3 | $(3/3) \times (83.70)/1 = 83.70\%$ |
| PO7 | $(3/3) \times (83.7+84.69+83.70)/3 = 84.03\%$ |
| PSO1 | $(3/3) \times (83.87+84.48+83.7+84.69+83.70)/5 = 83.98\%$ |
| PSO2 | $(3/3) \times (84.69+83.70)/2 = 84.19\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|-------------------|-----|---|-----|---|---|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| IF | 3 | - | 2 | - | - | -- | 3 | - | - | -- | -- | -- | 3 | 2 | -- | -- | -- |
| Attainment | .83 | - | .83 | - | - | -- | .84 | - | - | -- | -- | -- | .83 | .84 | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Income Tax

Credits:3

OUTCOMES: Students will be able to

CO1- Understand and analyse the basic concepts and terms of Income Tax, analyse the residential status of an Individual.

CO2- Analyse the income from salary.

CO3- Analyse the income from house property.

CO4- Analyse the profits and gains from business and profession.

CO5- Understand and Analyse the capital gains, income from other sources, and gross total income.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------|---|--------------|----------------------|
| CO1 | Understand the basic concepts and terms of Income Tax, analyse the residential status of an Individual | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 14 | PSO1, PO1, PO7, PSO3 |
| CO2 | Analyse the income from salary | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 16 | PSO1, PO1, PO7, PSO3 |
| CO3 | Analyse the income from house property | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 10 | PSO1, PO1, PO7, PSO3 |
| CO4 | Analyse the profits and gains from business and profession | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 10 | PSO1, PO1, PO7, PSO3 |
| CO5 | Understand and Analyse the capital gains, income from other sources and gross total income | Conceptual and Procedural | Remember, Understand, Apply and Analyse | 6 | PSO1, PO1, PO7, PSO3 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 3 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 1 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.7/2 | 4/5 | 1.8/2 | 83.33 |
| CO2 | 1.6/2 | 4.5/5 | 1.6/2 | 85.55 |
| CO3 | 1.5/2 | 0 | 2.5/3 | 80 |
| CO4 | 1.4/2 | 0 | 1.5/2 | 72.5 |
| CO5 | 1.8/2 | 0 | 1/1 | 93.33 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 63 |
| CO2 | 63 |
| CO3 | 63 |
| CO4 | 63 |
| CO5 | 63 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 83.33 | 63 | 69.09 |
| CO2 | 85.55 | 63 | 69.76 |
| CO3 | 80 | 63 | 68.1 |
| CO4 | 72.5 | 63 | 65.85 |
| CO5 | 93.33 | 63 | 72.09 |



Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 71 |
| CO2 | 72 |
| CO3 | 66 |
| CO4 | 70 |
| CO5 | 70 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 69.09 | 71 | 1.91 |
| CO2 | 69.76 | 72 | 2.24 |
| CO3 | 68.1 | 66 | (2.1) |
| CO4 | 65.85 | 70 | 4.15 |
| CO5 | 72.09 | 70 | (2.09) |



Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|---|---------------------------------------|
| CO1 | 71 | 1.91 | Solve more problems | |
| CO2 | 72 | 2.24 | Solve advanced problems | |
| CO3 | 66 | (2.1) | | 71 |
| CO4 | 70 | 4.15 | More Number of problems to be solved during regular classes | |
| CO5 | 70 | (2.09) | | 73 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|----------------------|----------------|
| CO1 | PSO1, PO1, PO7, PSO3 | 14 |
| CO2 | PSO1, PO1, PO7, PSO3 | 16 |
| CO3 | PSO1, PO1, PO7, PSO3 | 10 |
| CO4 | PSO1, PO1, PO7, PSO3 | 10 |
| CO5 | PSO1, PO1, PO7, PSO3 | 6 |
| | | 56 |



Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 56 OF 56 (100%) Sessions are devoted to PSO3 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|----|----|----|----|---|----|----|----|----|----|------|----|---|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| FA | 3 | -- | -- | -- | -- | -- | 3 | -- | -- | -- | -- | -- | 3 | -- | 3 | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|----------------------|-------------------|
| CO1 | PSO1, PO1, PO7, PSO3 | 69.09 |
| CO2 | PSO1, PO1, PO7, PSO3 | 69.76 |
| CO3 | PSO1, PO1, PO7, PSO3 | 68.1 |
| CO4 | PSO1, PO1, PO7, PSO3 | 65.85 |
| CO5 | PSO1, PO1, PO7, PSO3 | 72.09 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (69.09+69.76+68.10+65.85+72.09)/5 = 68.97\%$ |
| PO7 | $(3/3) \times (69.09+69.76+68.10+65.85+72.09)/5 = 68.97\%$ |
| PSO1 | $(3/3) \times (69.09+69.76+68.10+65.85+72.09)/5 = 68.97\%$ |
| PSO3 | $(3/3) \times (69.09+69.76+68.10+65.85+72.09)/5 = 68.97\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|----|---|---|---|-----|---|---|----|----|----|------|---|-----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| IT | 3 | - | -- | - | - | - | 3 | - | - | -- | -- | -- | 3 | - | 3 | -- | -- |
| Attainment | .68 | - | -- | - | - | - | .68 | - | - | -- | -- | -- | .68 | - | .68 | -- | -- |



Attainment of Outcomes Computation of CO Attainment

Course: Organizational Change & Development

Credits: 3



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|------------|---|--------------------|-----------------|--------------|----------------|
| CO1 | Understand the importance and nature of change | Conceptual | Understand | 10 | PO1, PSO1 |
| CO2 | Understand and analyse the problems in measurement of effectiveness | Metacognitive | Analyse | 10 | PO3, PSO1 |
| CO3 | Understand & analyse the concepts of OD Interventions | Metacognitive | Analyse | 16 | PO1, PO7, PSO1 |
| CO4 | Understand & analyse the conditions for optimal success of OD. | Metacognitive | Analyse | 10 | PO5,PO6, |
| CO5 | Analysing the organizational environment for Creativity & Innovation. | Metacognitive | Analyse | 10 | PO7, PSO1 |

CO Attainment

Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.6/2 | 4/5 | 1.5/2 | 78.88 |
| CO2 | 1.4/2 | 3.5/5 | 2/2 | 76.66 |
| CO3 | 1.55/2 | 0 | 1.5/2 | 76.25 |
| CO4 | 1.7/2 | 0 | 1.6/2 | 82.5 |
| CO5 | 1.8/2 | 0 | 1/2 | 70 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 46 |
| CO2 | 46 |
| CO3 | 46 |
| CO4 | 46 |
| CO5 | 46 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 78.88 | 46 | 55.86 |
| CO2 | 76.66 | 46 | 55.19 |
| CO3 | 76.25 | 46 | 55.07 |
| CO4 | 82.5 | 46 | 56.95 |
| CO5 | 70 | 46 | 53.2 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 77 |
| CO2 | 80 |
| CO3 | 79 |
| CO4 | 80 |
| CO5 | 74 |

CO Attainment Gap



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NURTURING VALUES AND EXCELLENCE

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 55.86 | 58 | 2.14 |
| CO2 | 55.19 | 57 | 1.81 |
| CO3 | 55.07 | 57 | 1.93 |
| CO4 | 56.95 | 60 | 3.05 |
| CO5 | 53.2 | 51 | (2.2) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 58 | 2.14 | Revision on the topic to be done | |
| CO2 | 57 | 1.81 | Revision on the topic to be done | |
| CO3 | 57 | 1.93 | More assignments to be given | |
| CO4 | 60 | 3.05 | Revision on the topic to be done | |
| CO5 | 51 | (2.2) | | 55 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|--------------------------------|----------------|
| CO1 | PSO1, PO1 | 10 |
| CO2 | PO1, PO3, PO5, PO7, PSO2 | 12 |
| CO3 | PO1, PO3, PO5, PO7, PSO2 | 12 |
| CO4 | PO1, PO3, PO5, PO7, PSO2, PSO1 | 12 |
| CO5 | PO1, PO3, PO5, PO7, PSO1, PSO2 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 32 OF 56 (57%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PSO2 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| RM | 3 | -- | 3 | -- | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | 3 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|--------------------------------|-------------------|
| CO1 | PSO1, PO1 | 55.86 |
| CO2 | PO1, PO3, PO5, PO7, PSO2 | 55.19 |
| CO3 | PO1, PO3, PO5, PO7, PSO2 | 55.07 |
| CO4 | PO1, PO3, PO5, PO7, PSO2, PSO1 | 56.95 |
| CO5 | PO1, PO3, PO5, PO7, PSO1, PSO2 | 53.2 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|---|
| PO1 | $(3/3) \times (55.86+55.19+55.07+56.95+53.2)/5 = 55.25\%$ |
| PO3 | $(3/3) \times (55.19+55.07+56.95+53.2)/4 = 55.10\%$ |
| PO5 | $(3/3) \times (55.19+55.07+56.95+53.2)/4 = 55.10\%$ |
| PO7 | $(3/3) \times (55.19+55.07+56.95+53.2)/4 = 55.10\%$ |
| PSO1 | $(3/3) \times (55.86+56.95+53.2)/3 = 55.33\%$ |
| PSO2 | $(3/3) \times (55.19+55.07+56.95+53.2)/4 = 55.10\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| RM | 3 | - | 3 | - | 3 | -- | 3 | - | - | -- | -- | -- | 3 | 3 | -- | -- | -- |
| Attainment | .55 | - | .55 | - | .55 | -- | .55 | - | - | -- | -- | -- | .55 | .55 | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Retail Management

Credits: 3

OUTCOMES: Students will be able to

CO1- Explain the functions, types of retail, retail theories, retail life cycle, retail in India & International.

CO2- Explain the customer shopping behavior, retail planning process, create a business plan and implement and analyse the associated risks.

CO3- Understand the concept of store location, store designing, retail operations, stock management.

CO4- Understand the retail marketing mix, product, pricing, place, promotion.

CO5- Understand and explain the retail, legal aspects, social issues, and ethical issues in retailing.



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NURTURING VALUES AND EXCELLENCE

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|-----|--|---------------------------------------|--|--------------|--------------------------------|
| CO1 | Explain the functions, types of retail, retail theories, retail life cycle, retail in India & International | Conceptual, Factual | Understand and Remember | 10 | PO1, PO1 |
| CO2 | Describe customer shopping behaviour, retail planning process, create business plan and implement, risk analysis | Conceptual, Procedural, Metacognitive | Understand, Apply, Create and Evaluate | 12 | PO1, PO3, PO5, PO7, PSO2 |
| CO3 | Explain store location, store designing, retail operations, stock management | Conceptual, Metacognitive, Procedural | Understand, Apply, Create and Evaluate | 12 | PO1, PO3, PO5, PO7, PSO2 |
| CO4 | Explain retail marketing mix, product, pricing, place, promotion | Conceptual, Metacognitive, Procedural | Understand, Remember and Create | 12 | PO1, PO3, PO5, PO7, PSO2, PSO1 |
| CO5 | Explain retail, legal aspects, social issues and ethical issues in retailing | Conceptual, Procedural, Factual | Understand, Apply and Analyse | 10 | PO1, PO3, PO5, PO7, PSO1, PSO2 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 2 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.8/2 | 4.5/5 | 1.5/2 | 86.66 |
| CO2 | 1.7/2 | 4.0/5 | 2/2 | 85.55 |
| CO3 | 1.75/2 | 0 | 1.6/2 | 83.75 |
| CO4 | 1.7/2 | 0 | 1.8/2 | 87.5 |
| CO5 | 1.8/2 | 0 | 1.4/2 | 80 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 75 |
| CO2 | 75 |
| CO3 | 75 |
| CO4 | 75 |
| CO5 | 75 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 86.66 | 75 | 78.49 |
| CO2 | 85.55 | 75 | 78.16 |
| CO3 | 83.75 | 75 | 77.62 |
| CO4 | 87.5 | 75 | 78.75 |
| CO5 | 80 | 75 | 76.50 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 81 |
| CO2 | 81 |
| CO3 | 80 |
| CO4 | 80 |
| CO5 | 75 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 78.49 | 81 | 2.51 |
| CO2 | 78.16 | 81 | 2.84 |
| CO3 | 77.62 | 80 | 2.38 |
| CO4 | 78.75 | 80 | 1.25 |
| CO5 | 76.50 | 75 | (1.50) |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|------------|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 81 | 2.51 | Revision on the topic to be done | |
| CO2 | 81 | 2.84 | Revision on the topic to be done | |
| CO3 | 80 | 2.38 | More assignments to be given | |
| CO4 | 80 | 1.25 | Revision on the topic to be done | |
| CO5 | 75 | (1.50) | | 78 |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|------------|--------------------------------|----------------|
| CO1 | PSO1, PO1 | 10 |
| CO2 | PO1, PO3, PO5, PO7, PSO2 | 12 |
| CO3 | PO1, PO3, PO5, PO7, PSO2 | 12 |
| CO4 | PO1, PO3, PO5, PO7, PSO2, PSO1 | 12 |
| CO5 | PO1, PO3, PO5, PO7, PSO1, PSO2 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 56 OF 56 (100%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PO3 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PO5 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 32 OF 56 (57%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 46 OF 56 (82%) Sessions are devoted to PSO2 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| RM | 3 | -- | 3 | -- | 3 | -- | 3 | -- | -- | -- | -- | -- | 3 | 3 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|--------------------------------|-------------------|
| CO1 | PSO1, PO1 | 78.49 |
| CO2 | PO1, PO3, PO5, PO7, PSO2 | 78.16 |
| CO3 | PO1, PO3, PO5, PO7, PSO2 | 77.62 |
| CO4 | PO1, PO3, PO5, PO7, PSO2, PSO1 | 78.75 |
| CO5 | PO1, PO3, PO5, PO7, PSO1, PSO2 | 76.50 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (78.49+78.16+77.62+78.75+76.50)/5 = 77.90\%$ |
| PO3 | $(3/3) \times (78.16+77.62+78.75+76.50)/4 = 77.75\%$ |
| PO5 | $(3/3) \times (78.16+77.62+78.75+76.50)/4 = 77.75\%$ |
| PO7 | $(3/3) \times (78.16+77.62+78.75+76.50)/4 = 77.75\%$ |
| PSO1 | $(3/3) \times (78.49+78.75+76.50)/3 = 77.91\%$ |
| PSO2 | $(3/3) \times (78.16+77.62+78.75+76.50)/4 = 77.75\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| RM | 3 | - | 3 | - | 3 | -- | 3 | - | - | -- | -- | -- | 3 | 3 | -- | -- | -- |
| Attainment | .77 | - | .77 | - | .77 | -- | .77 | - | - | -- | -- | -- | .77 | .77 | -- | -- | -- |

Attainment of Outcomes Computation of CO Attainment

Course: Stock and Commodity Market

Credits: 3

OUTCOMES: Students will be able to

CO1- Understand the Stock markets, Commodity markets, placement, and buyback of shares.

CO2- Discuss on SEBI, functions, online trading.

CO3- Understand the Trading, Speculation, Brokers, NSDL, CSDL.

CO4- Understand the Commodities Market, roles, functions, and its types.

CO5- Explain the patterns, benefits of trading and commodity markets.

| CO | Course Outcome | Knowledge category | Cognitive Level | No. of hours | POs/PSOs |
|------------|--|---------------------------------|--------------------------------|--------------|---------------------------|
| CO1 | Explain the Stock markets, Commodity markets, placement and buy back of shares | Conceptual, Factual, Procedural | Understand and Remember | 10 | PSO1, PO1 |
| CO2 | Discuss on SEBI, functions, online trading | Conceptual, Factual | Understand and Apply | 12 | PSO1, PO5, PO7 |
| CO3 | Explain the Trading, Speculation, Brokers, NSDL, CSDL | Conceptual, Metacognitive | Understand, Apply | 12 | PO1, PO7, PSO2 |
| CO4 | Explain the Commodities Market, roles, functions, types | Conceptual, Metacognitive | Understand, Remember and Apply | 12 | PO1, PO3, PO7, PSO2, PSO1 |
| CO5 | Explain the patterns, benefits of trading and commodity markets | Conceptual, Procedural | Understand, Remember and Apply | 10 | PO1, PO3, PO7, PSO2, PSO1 |

CO Attainment
Direct Attainment of COs

Assessment Plan for CIE

| CO | A1 (10) | T1 (10) | T2 (10) |
|-----|------------|------------|------------|
| CO1 | 2 | 5 | 1.5 |
| CO2 | 2 | 5 | 2 |
| CO3 | 2 | 0 | 2 |
| CO4 | 2 | 0 | 2.5 |
| CO5 | 2 | 0 | 2 |

Attainment of COs from CIE

Class average in CIE (As Calculated)

| CO | A1 Cl. Ave (10) | T1 Cl. Ave (10) | T2 Cl. Ave (10) | CIE Class Average (%) |
|-----|-----------------------|-----------------------|-----------------------|--------------------------|
| CO1 | 1.8/2 | 4.5/5 | 2/2 | 92.22 |
| CO2 | 1.7/2 | 4.8/5 | 2/2 | 94.44 |
| CO3 | 1.8/2 | 0 | 1.8/2 | 90 |
| CO4 | 1.6/2 | 0 | 1.8/2 | 85 |
| CO5 | 1.8/2 | 0 | 1.8/2 | 90 |

Attainment of COs from SEE

| CO | Class Average in SEE |
|-----|----------------------|
| CO1 | 89 |
| CO2 | 89 |
| CO3 | 89 |
| CO4 | 89 |
| CO5 | 89 |

Computation of CO Direct Attainment in the course:

| CO | CIE Cl. Ave | SEE Cl. Ave | Direct CO Attainment 0.3 CIE Cl. Ave +0.7 SEE Cl. Ave |
|-----|----------------|----------------|---|
| CO1 | 92.22 | 89 | 89.96 |
| CO2 | 94.44 | 89 | 90.63 |
| CO3 | 90 | 89 | 89.30 |
| CO4 | 85 | 89 | 87.80 |
| CO5 | 90 | 89 | 89.30 |

Targets: Targets are set for each CO of a course separately as

| CO | Target (Class Average) |
|-----|------------------------|
| CO1 | 92 |
| CO2 | 87 |
| CO3 | 93 |
| CO4 | 85 |
| CO5 | 90 |

CO Attainment Gap

| CO | CO Attainment | Target (Class Average) | CO attainment Gap |
|-----|---------------|------------------------|-------------------|
| CO1 | 89.96 | 92 | 2.04 |
| CO2 | 90.63 | 87 | (3.63) |
| CO3 | 89.30 | 93 | 3.7 |
| CO4 | 87.80 | 85 | (2.80) |
| CO5 | 89.30 | 90 | 0.7 |

Closure of the Quality Loop for COs:

| | Target | CO Attainment gap (%) | Action proposed to bridge the gap | Modification of target where achieved |
|-----|--------|-----------------------|-----------------------------------|---------------------------------------|
| CO1 | 92 | 2.04 | Revision on the topic to be done | |
| CO2 | 87 | (3.63) | | 91 |
| CO3 | 93 | 3.7 | More assignments to be given | |
| CO4 | 85 | (2.80) | | 89 |
| CO5 | 90 | 0.7 | Revision on the topic to be done | |

CO-PO/PSO Mappings

| CO | POs/PSOs | Class Sessions |
|-----|---------------------------|----------------|
| CO1 | PSO1, PO1 | 10 |
| CO2 | PSO1, PO5, PO7 | 12 |
| CO3 | PO1, PO7, PSO2 | 12 |
| CO4 | PO1, PO3, PO7, PSO2, PSO1 | 12 |
| CO5 | PO1, PO3, PO7, PSO2, PSO1 | 10 |

Course – PO/PSO Mapping Strength

| Percentage of Sessions devoted to each PO/PSO | Mapping Strength |
|---|-----------------------|
| 44 OF 56 (79%) Sessions are devoted to PO1 | Mapping Strength is 3 |
| 22 OF 56 (39%) Sessions are devoted to PO3 | Mapping Strength is 2 |
| 12 OF 56 (21%) Sessions are devoted to PO5 | Mapping Strength is 1 |
| 46 OF 56 (82%) Sessions are devoted to PO7 | Mapping Strength is 3 |
| 44 OF 56 (79%) Sessions are devoted to PSO1 | Mapping Strength is 3 |
| 34 OF 56 (61%) Sessions are devoted to PSO2 | Mapping Strength is 3 |

Course-POs/PSO Mapping

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|--------|-----|----|---|----|---|----|---|----|----|----|----|----|------|---|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| SCM | 3 | -- | 2 | -- | 1 | -- | 3 | -- | -- | -- | -- | -- | 3 | 3 | -- | -- | -- |

CO Attainment and POs/PSOs

| CO | POs | CO Attainment (%) |
|-----|---------------------------|-------------------|
| CO1 | PSO1, PO1 | 89.96 |
| CO2 | PSO1, PO5, PO7 | 90.63 |
| CO3 | PO1, PO7, PSO2 | 89.30 |
| CO4 | PO1, PO3, PO7, PSO2, PSO1 | 87.80 |
| CO5 | PO1, PO3, PO7, PSO2, PSO1 | 89.30 |

PO and PSO Attainment

Attainment of PO/PSO = (Average of attainments of relevant COs) x Scale Factor

Scale Factor = (Actual Mapping Strength / Maximum Possible Mapping Strength)

= Actual Mapping Strength / 3

| PO/PSO | Attainment (%) |
|--------|--|
| PO1 | $(3/3) \times (89.96+89.30+87.80+89.30)/4 = 89.09\%$ |
| PO3 | $(2/3) \times (87.80+89.30)/2 = 59.03\%$ |
| PO5 | $(1/3) \times (90.63)/1 = 30.20\%$ |
| PO7 | $(3/3) \times (90.63+89.30+87.80+89.30)/4 = 89.25\%$ |
| PSO1 | $(3/3) \times (89.96+89.30+87.80+89.30)/4 = 89.09\%$ |
| PSO2 | $(3/3) \times (89.30+87.80+89.30)/3 = 88.8\%$ |

Attainment of POs and PSOs

| Course | POs | | | | | | | | | | | | PSOs | | | | |
|------------|-----|---|-----|---|-----|----|-----|---|---|----|----|----|------|-----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 |
| SCM | 3 | - | 2 | - | 1 | -- | 3 | - | - | -- | -- | -- | 3 | 3 | -- | -- | -- |
| Attainment | .89 | - | .59 | - | .30 | -- | .89 | - | - | -- | -- | -- | .89 | .88 | -- | -- | -- |



PROGRAM: BACHELOR OF BUSINESS ADMINISTRATION

DEPARTMENT OF MANAGEMENT

BATCH-2017-2020

| SUBJECT | POs | | | | | | | PSOs | | |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 1 | 2 | 3 |
| Advanced Financial Management | 0.74 | | | | | | 0.49 | 0.74 | 0.74 | 0.74 |
| Advertising and Media Management | 0.75 | 0.76 | | | | 0.74 | 0.51 | 0.75 | 0.49 | 0.74 |
| Business Ethics | 0.72 | 0.47 | 0.47 | 0.47 | 0.71 | 0.48 | 0.48 | 0.24 | 0.72 | 0.72 |
| Brand Management | 0.75 | | 0.73 | | 0.24 | | 0.24 | 0.75 | 0.24 | |
| Business Organisation and Environment | 0.62 | | 0.41 | 0.40 | 0.39 | 0.41 | 0.35 | 0.38 | 0.46 | |
| Business Regulations | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | | 0.67 | 0.67 | 0.67 | |
| Business Research Methods | 0.70 | - | 0.70 | - | 0.23 | - | 0.70 | 0.70 | 0.70 | 0.70 |
| Banking Regulation and Operations | 0.69 | 0.46 | 0.69 | | 0.69 | | 0.69 | 0.69 | | |
| Computer Applications in Business | 0.7 | | 0.49 | | | | 0.79 | 0.65 | | 0.21 |
| Corporate Accounting | 0.68 | 0.68 | 0.68 | 0.68 | 0.68 | | 0.68 | 0.68 | | 0.67 |
| Consumer Behaviour | 0.65 | | 0.65 | | | | 0.64 | 0.65 | | |
| Corporate Environment | 0.73 | | 0.71 | | 0.48 | | 0.24 | 0.73 | | 0.24 |
| Compensation Management | 0.67 | | 0.66 | | 0.21 | | 0.22 | 0.67 | 0.21 | |
| Cost Accounting | 0.63 | | | | | | | 0.63 | 0.63 | |
| EBusiness | 0.81 | | 0.53 | | 0.26 | 0.27 | 0.81 | 0.81 | 0.53 | |
| Entrepreneurial Management | 0.72 | 0.72 | 0.72 | | | | | 0.72 | 0.72 | |
| Employee Welfare and Social Security | 0.62 | | 0.61 | | | | 0.60 | 0.62 | | |
| Fundamentals of Accounting | 0.64 | | | | 0.44 | | | 0.45 | 0.63 | |
| Financial Accounting | 0.58 | | | | | | | 0.58 | | 0.58 |
| Financial Management | 0.61 | | | | | | 0.41 | 0.62 | 0.2 | 0.62 |
| Financial Markets and Services | | | | 0.66 | | 0.66 | | 0.66 | | 0.66 |
| Human Resource Management | 0.73 | 0.73 | 0.73 | | | | 0.25 | 0.73 | | |
| International Business | 0.84 | | 0.55 | | | | 0.83 | 0.84 | 0.55 | |
| International Finance | 0.83 | | 0.83 | | | | 0.84 | 0.83 | 0.84 | |
| Investment Management | 0.54 | | 0.54 | | | | 0.54 | 0.54 | 0.53 | |



St. Clare College

Affiliated to Bangalore University | A Claretian Missionary Institution

NURTURING VALUES AND EXCELLENCE

| | | | | | | | | | | |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Income Tax | 0.68 | | | | | | 0.68 | 0.68 | | 0.68 |
| Management Accounting | 0.57 | | | | 0.57 | | 0.57 | | | 0.57 |
| Marketing Management | 0.73 | | 0.72 | | 0.24 | | 0.48 | 0.73 | 0.24 | |
| Management Process | 0.67 | 0.68 | 0.67 | | 0.64 | | 0.68 | 0.68 | | |
| Organizational Change & Development | 0.55 | | 0.55 | | 0.55 | | 0.55 | 0.55 | 0.55 | |
| Organisational Behaviour | 0.60 | | | | | | 0.60 | 0.60 | | |
| Production and Operations Management | 0.69 | | 0.23 | | | | | 0.69 | | |
| Quantitative Methods for Business-II | 0.66 | | | | | | 0.66 | 0.66 | | 0.66 |
| Quantitative Methods for Business- I | 0.54 | | | | | | 0.35 | 0.54 | | 0.35 |
| Retail Management | 0.77 | | 0.77 | | 0.77 | | 0.77 | 0.77 | 0.77 | |
| Stock and Commodity Market | 0.89 | | 0.59 | | 0.30 | | 0.89 | 0.89 | 0.88 | |
| Services Management | 0.75 | | 0.50 | | 0.50 | 0.25 | 0.50 | 0.75 | | |
| Soft Skills For Business | 0.49 | 0.75 | 0.72 | | 0.49 | | 0.52 | | | 0.25 |
| Strategic Human Resource Management | 0.38 | | 0.59 | | | 0.39 | 0.57 | 0.58 | | |
| Average | 0.66 | 0.72 | 0.61 | 0.58 | 0.51 | 0.32 | 0.60 | 0.69 | 0.62 | 0.50 |
| | | | | | | | | | | |

| Program Outcome | Action to be taken to bridge the Gap |
|------------------------|---|
| PO6 | 1. Encourage students to participate more actively in the activities conducted by Environmental Club and various other initiative's which sensitizes them towards understanding the environmental issues. |