

Master of Library & Information Science (M.Lib. & I.Sc.) – CO–PO Mapping Analysis

Program Outcomes (POs)

PO Code	Program Outcome Description
PO1	Awareness of the importance of information storage and retrieval.
PO2	Development of skills necessary for information retrieval.
PO3	Ability to analyze the library as a central concept and apply principles of its evaluation and management.
PO4	Acquiring research methods.
PO5	Application of information technology in library work.

Course 1: LIB010 – Document Description, Processing, Retrieval, and Dissemination

PO	Average	Level
PO1	1.8	Moderate–High
PO2	2.4	High
PO3	2.2	High
PO4	1.3	Moderate
PO5	2.2	High

Analysis:

This foundation course emphasizes information storage, retrieval systems, and indexing techniques, showing strong alignment with **PO2 (retrieval skills)** and **PO5 (IT applications)**.

Course 2: LIB011 – Management of Library and Information Centers

PO	Average	Level
PO1	1.5	Moderate
PO2	1.8	Moderate–High
PO3	2.8	High
PO4	1.3	Moderate
PO5	1.0	Moderate

Analysis:

This course strongly supports **PO3 (library management and evaluation)**.

It focuses on planning, organization, budgeting, financial management, and manpower control, enhancing students' managerial and leadership competencies.

Course 3: LIB012 – Library and Information Science: Research Methodology

PO	Average	Level
PO1	2.0	High
PO2	2.2	High
PO3	1.5	Moderate
PO4	3.0	High
PO5	1.8	Moderate–High

Analysis:

A research-oriented course that shows the highest mapping to **PO4 (research methods)**. It develops understanding of research design, bibliometrics, data analysis, and analytical reasoning.

Course 4: LIB013 – Library and Information Science: Current Trends

PO	Average	Level
PO1	2.0	High
PO2	2.0	High
PO3	2.8	High
PO4	3.0	High
PO5	2.0	High

Analysis:

Strongly contributes to **PO3 (library analysis)** and **PO4 (research awareness)**. This course builds awareness of emerging LIS trends, digital innovations, and ongoing research developments in the field.

Course 5: LIB201 – Academic and Research Libraries

PO	Average	Level
PO1	2.0	High
PO2	2.0	High
PO3	2.5	High
PO4	2.0	High
PO5	1.0	Moderate

Analysis:

Shows strong alignment with **PO3 (library evaluation)** and **PO1 (awareness)**. The course deepens understanding of the functions, services, and policies of academic and research libraries.

Course 6: LIB202 – Library Services and Programmes

PO	Average	Level
PO1	2.0	High
PO2	1.5	Moderate
PO3	2.5	High
PO4	2.0	High
PO5	1.0	Moderate

Analysis:

Strongly maps to **PO3 (management and administration)**, emphasizing public, school, and archival library services.

Moderate connection with **PO5**, indicating scope for greater integration of digital services.

Course 7: LIB203 – Management of Non-Book Materials

PO	Average	Level
PO1	1.8	Moderate–High
PO2	1.8	Moderate–High
PO3	2.6	High
PO4	1.2	Moderate
PO5	1.8	Moderate–High

Analysis:

Best aligned with **PO3 (management)**, focusing on the acquisition, classification, and cataloguing of non-book materials.

Also contributes to developing awareness of emerging media and information formats.

Course 8: LIB301 (T) – Application of Information Technology in Libraries (Theory)

PO	Average	Level
PO1	1.5	Moderate
PO2	1.8	Moderate–High
PO3	2.0	High
PO4	1.0	Moderate
PO5	3.0	High

Analysis:

A highly IT-oriented theoretical paper showing maximum mapping to **PO5 (information technology)**.

Strengthens conceptual understanding of communication systems, databases, and digital operations in libraries.

Course 9: LIB301 (P) – Application of Information Technology in Libraries (Practical)

PO	Average	Level
PO1	1.5	Moderate
PO2	2.2	High
PO3	1.5	Moderate
PO4	1.0	Moderate
PO5	3.0	High

Analysis:

Strongly aligned with **PO5 (IT applications)** and **PO2 (practical skills)**.

Enhances computer literacy, SOUL software operation, and digital cataloguing proficiency.

Program-Level Summary

PO Code	Average	Attainment Level	Major Supporting Courses
PO1	1.8	Moderate-High	LIB010, LIB201, LIB202
PO2	2.0	High	LIB010, LIB012, LIB301(P)
PO3	2.5	High	LIB011, LIB201, LIB203
PO4	2.3	High	LIB012, LIB013
PO5	2.4	High	LIB301(T), LIB301(P)

Summary Interpretation

The **M.Lib. & I.Sc. program** demonstrates a **moderate-to-high level of alignment (1.8–2.5)** across all Program Outcomes (POs).

This reflects balanced integration of theoretical knowledge, practical application, managerial skills, and research competence in Library and Information Science.

Strength Areas

- **PO3 – Library Management and Evaluation:**
Excellent attainment through courses on management, policy, and evaluation.
- **PO5 – Application of Information Technology:**
Strong integration in both theoretical and practical components (LIB301 T/P).
- **PO4 – Research Skills:**
High-level analytical and methodological development through Research Methodology and Current Trends.

Areas for Improvement

- **PO1 – Conceptual Awareness:**
Can be further strengthened through fieldwork and case studies.
- **PO2 – Retrieval Skills:**
Enhanced through practical exercises in digital cataloguing, indexing, and database management.

Overall Conclusion

The **M.Lib. & I.Sc. program** achieves a **strong CO–PO alignment**, ensuring graduates develop:

- Comprehensive knowledge of library management and services,
- Strong research and analytical skills, and
- Technological proficiency suited to modern information environments.