**SARDAR PATEL UNIVERSITY**
**Vallabh Vidyanagar, Gujarat**
**(Reaccredited with 'A' Grade by NAAC (CGPA 3.25)**
**Syllabus with effect from the Academic Year 2021-2022**

| Course Code | PA02CLIB54 | Title of the Course | Dissertation / Digitization/ Project |
|---|---|---|---|
| Total Credits of the Course | 6 | Hours per Week | 6 |

Masters of Library & Information Science (Library and Information Science)
MLISc.  Semester II

| Course Objectives | 1. To explore the various tools and techniques for the systematic investigation in the field of study. |
|---|---|
| | 2. To undergone testing and examine the real-life issues for the solution in the field related to Library and Information Science. |
| | 3. To enhance understanding and application of AI in respect to LIS research. |

| Course Content | | |
|---|---|---|
| Unit | Description | Weightage (%) |
| 1. | Dissertation / Digitization/ Project | 100 |

| Teaching Learning Methodology | Class Room Teaching |
|---|---|
| | Practical Work through Computer Lab |
| | Use of Resources through Central Library |
| | .PPT Presentation |
| | Online Teaching |
| | Through off campus Library Visit and Study Tour |
| | Seminar &amp; Presentation Mode |

| Evaluation Pattern | | |
|---|---|---|
| Sr. No. | Details of the Evaluation | Weightage |
| 1. | University Examination | 100% |

| Course Outcomes: Having completed this course, the learner will be able to | |
|---|---|
| 1. | Be a scholar of pursuit in the LIS and allied field. |
| 2. | Prepare and employ systematic and sophisticated techniques of search and research. |
| 3. | Scale up between current area of research and horizon of quest in the LIS and allied area of interest of AI based future. |

| Suggested References: | |
|---|---|
| Sr. No. | References |
| 1. | Egozi, O., Markovitch, S., & Gabrilovich, E. (2011). Concept-based information retrieval using explicit semantic analysis. *ACM Transactions on Information Systems (TOIS)*, *29*(2), 1-34. |
| 2. | Paralic, J., & Kostial, I. (2003). Ontology-based information retrieval. In *Proceedings of the 14th International Conference on Information and Intelligent systems (IIS 2003), Varazdin, Croatia* (pp. 23-28). |
| 3. | Soni, S., & Roberts, K. (2021). An evaluation of two commercial deep learning-based information retrieval systems for covid-19 literature. *Journal of the American Medical Informatics Association*, *28*(1), 132-137. |
| 4. | Birdwell, J. D., Wang, T. W., Icove, D. J., Horn, S. P., & Rader, M. S. (2013). *U.S. Patent No. 8,375,032*. Washington, DC: U.S. Patent and Trademark Office. |

| On-line Resources to be used if available as reference material |
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| On-line Resources |
| https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=AI+based+information+retrieval+manual&btnG= |
| https://epgp.inflibnet.ac.in/ |
| http://egyankosh.ac.in/ |
| https://ndl.iitkgp.ac.in/ |
| https://www.vmou.ac.in/slm |
| https://baou.edu.in/syllabus-slm-e-books |
| http://spuvvn.edu/administration/service_centres/library/collection/index.php |
| https://nios.ac.in/online-course-material/sr-secondary-courses/library-and-information-science.aspx |