



Re-Accredited 'B++' 2.86 CGPA by NAAC

VEER NARMAD SOUTH GUJARAT UNIVERSITY

University Campus, Udhna-Magdalla Road, SURAT - 395 007, Gujarat, India.

વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી

યુનિવર્સિટી કેમ્પસ, ઉધના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

Tel : +91 - 261 - 2227141 to 2227146, Toll Free : 1800 2333 011, Digital Helpline No.- 0261 2388888

E-mail : info@vnsgu.ac.in, Website : www.vnsgu.ac.in

ક્રમાંક : ઓથો./પરિપત્ર/૧૪૧૮૫/૨૦૨૬

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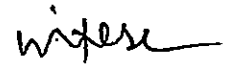
પ્રતિ,
વિભાગીય વડાશ્રી,
ડિપાર્ટમેન્ટ ઓફ લાઈબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ,
વીર નર્મદ દક્ષિણ ગુજરાત યુનિવર્સિટી,
સુરત.

વિષય:- NEP-2020 અંતર્ગત M.L.I.Sc. Sem-1 & 2 ના અભ્યાસક્રમ અંગે.

સુજાશ્રી,

સવિનય જણાવવાનું કે, શૈક્ષણિક વર્ષ ૨૦૨૬-૨૭ થી અમલમાં આવનાર NEP-2020 અંતર્ગત M.L.I. Sc. નો સેમ. ૧ અને ૨ નો અભ્યાસક્રમ અંગે લાયબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ વિષયની એડહોક (નિયુક્ત) સમિતિની તા.૦૭/૫/૨૦૨૬ ની સભાનાં ઠરાવ ક્રમાંક: ૨ થી કરેલ ભલામણ સ્વીકારી વિનયન વિદ્યાશાખાની તા.૧૦/૦૬/૨૦૨૬ ની સભાનાં ઠરાવ ક્રમાંક: ૩૪ થી કરેલ ભલામણ સ્વીકારી એકેડેમિક કાઉન્સિલની તા.૧૮/૦૬/૨૦૨૬ ની સભાનાં ઠરાવ ક્રમાંક: ૭૬ થી મંજૂર કરેલ છે. જેનો અમલ કરવા આથી જાણ કરવામાં આવે છે.

(બિડાણ: ઉપર મુજબ)


કુલસચિવ (પ્રતિ)

પ્રતિ,
૧) અધ્યક્ષશ્રી, વિનયન વિદ્યાશાખા.
૩) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.

.....તરફ જાણ તેમજ અમલ સારું.

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

PROGRAM TITLE

Name of Program	Master of Library and Information Science
Program Abbreviation	M.L.I.Sc
Duration	2-Semester (1 Year)
Eligibility Criteria	B.L.I.Sc
Pre-requisite	
Medium of Instruction	English/Gujarati
Objective of Program	To equip the students with the advanced professional skills for the management of information knowledge, libraries and information centers, so that they can serve the society through an institution of library and information Centre or through consultancy of the institutional objectives. To achieve the above objectives of the Program, it needs to realize the following: (a) To educate the students to respond to the changing information needs of society. (b) To give the students an understanding of the basic principles and theories of Library and Information Science. (c) To develop proficiencies and abilities of students essential for management of libraries and information systems. (d) To enable the students to understand the role of libraries and information centers in socio-economic development of the society. (e) To acquaint the students with information and communication technology and its applications in libraries and information centers.
Program Outcome (PO)	• PO1: Fundamental Knowledge Enrichment of Library Science To aware students with various libraries, its services and rules of various libraries. • PO2: Critical Thinking Development to develop critical thinking, problem-solving, evaluative learning of various techniques in libraries, and understanding the essence of the problem. • PO3: Awareness of the Information and Technology and e-resources to familiarize students with methodologies for the identification, analysis, organization, evaluation, presentation and dissemination of information in the context of different types of information services and for the different user groups. • PO4: Awareness of Research Work to help students to have a better understanding of the ideas of research.
Program Specific Outcomes (PSO)	• PSO1: Integrate theory with practice • PSO2: Analyzed information needs to create solutions by applying a variety of tools and technologies • PSO3: Ensure the organization, accessibility, and management of

	library and information resources • PSO4: Create dynamic ways for a variety of users to interact with resources							
Mapping between Pos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
	PO1							
	PO2							
	PO3							
	PO4							

Structure of Program (Semester-wise)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks			External Marks		Total Marks	
					TH	PR	TH	PR	TH	PR	Internal test	Assignment/viva voce	Attendance	TH	PR	TH	PR
Major	301	Information Communication and Intellectual Capital Management	Information Communication and Intellectual Capital Management	1	40	-	2	-	4	-	30	10	10	50	-	100	-
Major	302	Research Methodology in Library and Information Science	Research Methodology in Library and Information Science	2	40	-	2	-	4	-	30	10	10	50	-	100	-
Major	303	Information Analysis, Repackaging, and Consolidation	Information Analysis, Repackaging, and Consolidation	3	40	-	2	-	4	-	30	10	10	50	-	100	-
Major	304	Information Technology: Library Automation and Digital Services	Information Technology: Library Automation and Digital Services	4	40	-	-	-	4	-	30	10	10	50	-	100	-
SEC	305	Applied Statistics for Library and Information Science	Applied Statistics for Library and Information Science	5	40	-	1	-	2	-	15	05	05	25	-	50	-
Major	306	Library Networking and Information Technology: Practical	Library Networking and Information Technology: Practical	6	-	40	-	2	-	4	30	10	10	-	50	-	100

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	I					
NCRF Credit Level	6					
Course Type	Major					
Course Subtype	Employability / Skill Development					
Subject Type	Discipline Specific					
Course Code	301					
Course Level	400-499					
Course Title	(Information Communication and Intellectual Capital Management)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To introduce students to information and communication CO2: To make students familiar with the information and communication. CO3: To develop students' critical comprehension of any kind of information. As Well as communication work. CO4: Analyse information as an economic resource by applying marketing principles and economic models to the management of information systems. CO5: Implement Knowledge Management processes and conversion models to facilitate effective information sharing and organisational learning. CO6: Evaluate the ethical, legal, and policy frameworks of the information society, including data security, fair use, and national/international policies.					
Course Content	Unit – 1 Information and Communication - Information: characteristics, Nature, Value and Use of Information - Conceptual difference between data, Information and Knowledge - Communication of Information: Information generation - Communication Channels, models and barriers - Trends in Scientific Communication - Introduction of Blog Literature Information Science - Definition, Scope and Objectives - Information Science as a disciplines and its relationship with other subjects Unit-2 Library, Information and Society - Genesis and Characteristics and Implications of Information Society - Changing Role of Library and Information Centers in Society - Information Industry-Generators, Providers and Intermediaries					

	7. માહિતી સ્ત્રોતો, પદ્ધતિઓ અને સેવાઓ. MLISC-MLII-101. (part-2). ડો.બાબાસાહેબ ઓપન યુનિવર્સિટી, ૨૦૦૬. 8. માહિતી પ્રક્રિયા અને પુનઃપ્રાપ્તિ. (MLISC-ML-II-102) ડો.બાબાસાહેબ ઓપન યુનિવર્સિટી, ૨૦૦૬. 9. માહિતી પ્રક્રિયા અને પુનઃપ્રાપ્તિ. (MLISC-102 part-II) ડો.બાબાસાહેબ ઓપન યુનિવર્સિટી, ૨૦૦૬. 10. પટેલ, મનુભાઈ જી.(સંપા.) ગ્રંથાલયોમાં માહિતી પ્રત્યાયન ટેકનોલોજી. અમદાવાદ: પાર્શ્વ પબ્લિકેશન, ૧૦૧૧. 11. શમા, બી.કે. એવમ ઠાકુર, યુ.એમ. પુસ્તકાલય, સુચના વિજ્ઞાન એવમ સુચના પ્રોદ્યોગિકી: વિવેચનાત્મક અધ્યાયન. ભાગ ૧ અને ૨. આગરા: વાઈ.કે. પબ્લીશર્સ, ૨૦૦૮. 12. શર્મા, અરવિંદકુમાર. સુચન, સંપ્રેક્ષણ એવમ સુચના સમાજ. નવી દિલ્લી: એસ.એસ.પબ્લિકેશન, ૨૦૦૮. 13. 13) P.S.G.kumar. Information and communication. New Delhi: B.R. publishing, 2004.
Teaching Methodology	Lecture, Assignment, Discussion, ICT-Based Teaching.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	I					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	302					
Course Level	400-499					
Course Title	(Research Methodology in Library and Information Science)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To familiarize students with use of research methods and Statistical techniques. CO2: To make students understand how to provide research information. CO3: To acquaint students with Knowledge research work. CO4: Select and implement appropriate sampling techniques (probabilistic and non-probabilistic) and data collection methods like interviews and questionnaires. CO5: Categorize and apply different scales of measurement (Nominal, Ordinal, Interval, and Ratio) to analyse various types of social science data. CO6: Draft professional research reports and proposals using standardised formatting and citation styles like APA and MLA.					
Course Content	Unit – 1 NATURE AND SCOPE SOCIAL SCIENCE RESEARCH • Nature and scope of Social Science research, • Types of research, • Steps of research process, • Criteria in Social Research, • Research Design, • Review of Literature Unit-2 TYPE OF DATA AND SCALE OF MEASUREMENTS Types of Data: • Primary and Secondary Data, • Source of Secondary data in India, • Cross sectional data, • Time series data,					

	15. Shah A G and Dave J K (2007), Samajik Sansodhan Padhhatio (Social Research Methods), Anada Prakashan, Ahmedabad 16. Shajahan.S. (2006), Research Methods for Management, 3rd Ed.; Jaico Publishing House, Mumbai. 17. Sharma K.R (2002), Research Methodology; National Publishing House, Jaipur. 18. Shukla Gajendra B and Naik R K (2013), Sansodhan Paddhatio (Research Methodology), Popular Prakashan Surat 19. Tripathi P.C.(2003), A Textbook of Research Methodology in social sciences (4th Ed.); Sultan Chand & Sons, New Delhi. 20. Uchat D A (2012), Shikshan ane Samajik Vigyanoma Sansodhannu Paddhatishastra (Research Methodology in Education and Social Sciences), Paras Prakashan, Rajkot 21. William M.K. (2003), Research Methodology (2nd Ed.); Biztantra, New Delhi. 22. Zikmund William G. (2004), Business Research Methods (7th Ed.); Thomson Asia Pvt. Ltd, Singapore.
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	I					
NCRF Credit Level	6					
Course Type	Major					
Course Subtype	Employability / Skill Development					
Subject Type	Discipline Specific					
Course Code	303					
Course Level	400-499					
Course Title	(Information Analysis, Repackaging, and Consolidation)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To make students understand the theoretical an idea for the information analysis, repackaging and consolidation and retrieval CO2: To familiarize students with the information retrieval. CO3: To develop students for analysis, repackaging, consolidation and retrieval of information CO4: Design and prepare diverse information products like abstracts, newsletters, and trend reports using standardised consolidation methodologies. CO5: Apply indexing languages and vocabulary control tools (thesaurus construction) to facilitate efficient information retrieval and automatic indexing. CO6: Plan and manage Information Analysis Centres by formulating policies for staffing, financial resources, and digital marketing of products.					
Course Content	Unit-1 Repackaging and Consolidation ➤ History, Definition, and meaning of Information Analysis, Repackaging and Consociation ➤ Objective, Importance, and Use of Repackaging ➤ User's study – Methods including Digital Users ➤ User study of Information Consolidation – products (Portion to be covered to be products, tube content, and alike products) Unit-2 Methodology for the Preparation of Information Product ➤ Methodology for Information Consolidation ➤ Understanding of subjects, Information Requirement ➤ Information Consolidation products by Diffusion stages Unit-3 Preparation of Information Product ➤ Methodology for Information Product					

	➤ Handbook, Newsletter, Review: State of the Art Report ➤ Trend Report, Technical Digest Unit-4 Planning & Management of ICU, Information Analysis & Consolidation Centre ➤ Policy formulation: ➤ Policy decision regarding Collection of Materials, Services & access to Materials, ➤ Staff resources ➤ Organizational structure: ➤ Manpower / Professionals, Financial resources ➤ Marketing of Information Products & Services: E-marketing, Service and source of INFLIBNET.						
Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1						
	CO2						
	CO3						
	CO4						
	CO5						
	CO6						
Reference Books	1. શર્મા,બી.કે.એમ ઠાકુર,યુ.એમ.પુસ્તકાલય,સૂચના વિજ્ઞાન એમવ સૂચના પ્રૌદ્યોગિકી:વિવેચનાત્મક અધ્યયન.ભાગ1 અને 2 આગરા: વાઈ.કે. પબ્લિશર્સ 2. Doyle, R.B Information Retrieval and Processing. California: Melville Goyal, P.K.Information Retrieval,. Delhi: Vista Pub. House, 2005 3. Shukla, Shiva. Information Retrieval,. Delhi :Kumar, P.S.G Knowledge Organization, Information Processing and Retrieval Delhi:V.R.Publishing Corporation, 2003						
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.						
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage						

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	I					
NCRF Credit Level	6					
Course Type	Major					
Course Subtype	Employability / Skill Development					
Subject Type	Discipline Specific					
Course Code	304					
Course Level	400-499					
Course Title	(Information Technology: Library Automation and Digital Services)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To understand the issues and technology involved in Library automation. CO2: To plan and design automated Library systems. CO3: To Plan and implement Online and CD-ROM based library services. CO4: This course helps in understanding the various working and functions of Computer systems at an advanced level along with the required tools necessary for library. CO5: automation and dealing with various multimedia data that are commonly used. CO6: The hands-on approach so that students do not face any issues in Library Automation					
Course Content	Unit – 1 Information Technology ➤ Definition, Needs, scope and Objectives ➤ Historical Development of Computers ➤ Generation of Computer ➤ DBMS: Concepts, architecture & models Communication Technology ➤ Fundamental of Telecommunication Technology : Media, Mode and Components Internet and Intranet ➤ Basic features and tools ➤ Network base Information service ➤ Internet Security Unit-2 Library Automation ➤ Planning of Implementation of library automation ➤ Concept of Library Automation ➤ Networks – Definition, Need					

	➤ Library Automation Standards ➤ RFID, Barcode & Smart cards technology ➤ Single-window discovery platforms ➤ Retro-conversion: Concept & challenges Library Software ➤ Overview of SOUL and KOHA ➤ Housekeeping Functions- Acquisition Processing, Circulation, Serial Control, OPAC, Library Management Artificial Intelligence and Expert Systems ➤ (With reference to Library and Information Science) Unit-3 Digital Libraries ➤ Genesis, Definition, Objectives and Scope ➤ Meta Data, Data Mining and Data Warehousing World Wide Web Consortium ➤ Institutional repository systems (Digital library integration) E- Document ➤ Concept of E-Books ➤ Concept of E-Journals Government Digital Information Management Impact of Libraries and Information Centres and Users Unit-4 Web Applications ➤ Web 1.0, Web 2.0, Sematic Web ➤ Web 2.0 – Tools and Applications – Blogs, Wiki, YouTube etc. ➤ Web 3.0 and Library 3.0 services ➤ Mobile technology for libraries: Mobile apps, SMS alert service, Mobile OPAC ➤ Social media platforms as library marketing tools ➤ AI-driven virtual reference services Designing of Websites & Portals ➤ Application and Tools of Website/Portal Design ➤ CMS - Joomla/Drupal/Wardress etc. CMS – Features, Advantages and Comparison							
Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
	CO1							
	CO2							
	CO3							
	CO4							
	CO5							
	CO6							

Reference Books	1. Barbara, Kasser. <i>Using the Internet</i>. New Delhi: Prentice Hall of India, 1999. 2. Bavakutty, M., Yeern, M. C. K., & Muhammed Salih, I. K. <i>Library Cooperation in a Networked World</i>. New Delhi: EssEss Publication, 2002. 3. Bayross. <i>Web Enabled Commercial Application Development Using HTML, DHTML, JavaScript, Perl CGI</i>. BPB Publications, 2000. 4. Bates, Chris. <i>Web Programming</i>. New York: John Wiley & Sons, 2nd Edition. 5. Kumar, E. V. and Subramanyam, S. V. <i>Web Services</i>. New Delhi: Tata McGraw-Hill, 2004. 6. Buczek, G. <i>ASP.NET Developer's Guide</i>. New Delhi: Tata McGraw-Hill (TMH), 2002. 7. Devrajan, G. and Ravindra Asari, K. <i>Information Technology and Library Automation</i>. New Delhi: EssEss Publication, 2014. 8. Gopalan, N. P. and Akilandeswari, J. <i>Web Technology: A Developer's Perspective</i>. 9. Iyer, V. K. <i>Information Technology: Tools of Tomorrow</i>. New Delhi: Rajat Publications, 1996. 10. Khan, Javed. <i>Information and Communication Technology</i>. New Delhi: EssEss Publication, 2014. 11. Kumar, P. S. G. <i>Information Technology Applications: Theory and Practice</i>. New Delhi: B. R. Publishing Corporation, 2004. 12. Marcum, Deana B. <i>Digital Library Development</i>. London: Libraries Unlimited, 2006. 13. Satyanarayana, R. <i>Information Technology and Its Facets</i>. New Delhi: Manak Publications, 1996. 14. Singh, Shankar. <i>Information Technology and Library</i>. New Delhi: EssEss Publications, 2003. 15. Tiwari, Purushotham. <i>Digital Library</i>. New Delhi: A.P.H. Publication, 1996. 16. Verma, Kusum. <i>Digital Library and Information Development</i>. New Delhi: Vista International Publications, 2008. 17. William, Marsterson. <i>Information Technology and the Role of Librarian</i>. U.S.A.: Croom Helm, 1986. 18. માહિતી પ્રત્યાયન ટેકનોલોજી: પ્રયોજીતતાઓ, (MLII-104, Part-II). અમદાવાદ: ડૉ. બાબાસાહેબ આંબેડકર ઓપન યુનિવર્સિટી, 2006. 19. માહિતી પ્રત્યાયન ટેકનોલોજી: પ્રયોજીતતાઓ, (MLII-104, Part-I). અમદાવાદ: ડૉ. બાબાસાહેબ આંબેડકર ઓપન યુનિવર્સિટી, 2006. 20. સી. લાલ. <i>ગ્રંથાલય એવમ આધુનિક પ્રૌદ્યોગિકી</i>. નઈ દિલ્હી: એસ. એસ. પબ્લિકેશન, 2009.
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	I					
NCRF Credit Level	6					
Course Type	SEC					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	305					
Course Level	400-499					
Course Title	Applied Statistics for Library and Information Science					
Credit	Theory:	2	Practical:	-	Total:	2
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To familiarize students with use of research methods and statistical techniques. CO2: To make students understand how to provide research information. CO3: To acquaint students with Knowledge research work. CO4: Apply measures of central tendency (Mean, Median and Mode) and graphical tools like Bar and Spider charts to summarize data effectively. CO5: Calculate and interpret measures of dispersion (Standard Deviation, Variance) and skewness to understand data variability and distribution patterns. CO6: Perform correlation and regression analysis to identify relationships between variables and estimate parameters for predictive modeling.					
Course Content	Unit – 1 Nature and Scope of Statistics ➤ Meaning and definition of statistics, ➤ use of statistics, ➤ Limitation of statistics - Data, ➤ Frequency Distribution, Measure of Central Tendency & Graphs Measures of Central Tendency : ➤ Mean Median, Mode - Their Merits and Demerits. Various types of graphs : ➤ Bar Chart, Line Chart, and Spider Chart etc. Unit-2 Dispersion and Skewness ➤ Range; Mean Deviation, Variance, Standard Deviation, ➤ Properties and their merits and Demerits - Coefficient of Variation its uses.					

	➤ Skewness & its Types Correlation and Regression ➤ Scatter diagram - Pearson’s product moment formula for correlation coefficient - its properties. ➤ Linear Regression - estimation of parameters - Interpretation.						
Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1						
	CO2						
	CO3						
	CO4						
	CO5						
	CO6						
Reference Books	1. Nagar, A. L. and Das, R. K. (1983). Basic Statistics. New Delhi: Oxford University Press, 2nd Edition.						
	2. Chandan, J. (1998). Statistics for Business and Economics. New Delhi: Vikas Publishing House.						
	3. Dave, M. B., Pandya, K., Rami, Gaurang, and Varsani, Dilip (2014-15). Quantitative Methods of Economics. Surat: Popular Prakashan. (Gujarati)						
	4. Monga, G. S. (2000). Mathematics and Statistics for Economics. New Delhi: Vikas Publishing House, 2nd Edition.						
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	6. Jaiswal, M. C. (1974). Arthvishayak Ankadashastra. Ahmedabad: University Granth Nirman Board. (Gujarati)						
	7. Sharma, K. K. and Singh, Sukhpal (2000). Introductory Economic Theory and Elementary Statistics. Chandigarh: Abhishek Publications.						
	8. Fleming, Michael C. and Nellis, Joseph G. (1997). The Essence of Statistics for Business. New Delhi: Prentice Hall of India Pvt. Ltd., 2nd Edition.						
	9. Nagar, A. L. (1997). Basic Statistics. New Delhi: Oxford University Press, 15th Edition.						
	10. Patel, Balubhai and Dhandhakiya. Ankadashastra. Ahmedabad: University Granth Nirman Board. (Gujarati)						
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	12. Hooda, R. P. (2000). Statistics for Business and Economics. New Delhi: Macmillan India Pvt. Ltd.						
	13. Levin, Richard I. and Rubin, David S. (2000). Statistics for Management. New Delhi: Prentice Hall of India Ltd., 7th Edition.						
	14. Larsen, Richard J. and Marx, Morris L. (2011). An Introduction to Mathematical Statistics and Its Applications. Prentice Hall.						
	15. Zala, M. L. (1996). Arthshastrama Ganitshastra. Vallabh Vidyanagar: Purvi Prakashan. (Gujarati)						
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.						
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage						

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	I					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	306					
Course Level	400-499					
Course Title	(Library Networking and Information Technology: Practical)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To understand the issues and technology involved in Library Automation. CO2: To plan and design automated Library systems. CO3: To Plan and implement Online software based library services. CO4: Design and configure network architectures by selecting appropriate typologies (Bus, Star, Mesh) and switching technologies to support library connectivity. CO5: Execute automated housekeeping functions such as acquisition and serial control using integrated library management systems like SOUL and KOHA. CO6: Utilize digital research tools and web technologies (Zotero, XML, and Web 2.0) to develop interactive library websites and manage scholarly citations.					
Course Content	Unit – 1 Application of Data Communication ➤ Information Search and Retrieval ➤ Information Transmission and Multimedia ➤ Plagiarism Unit-2 Networking Types, Topology and Techniques ➤ Types of Network: LAN, MAN, WAN, Internet, VPN ➤ Network Topologies: BUS, RING, STAR, MESH and Hybrid ➤ Switching Technology: Circuit, Message and Packet Unit-3 Library Automation and Networking ➤ Housekeeping function – Acquisition, Processing, Circulation and Serial Control OPAC, WEBOPAC and Library Management ➤ Overview of SOUL and KOHA Unit-4 Overview of Tools And Technics					

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Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

PROGRAM TITLE

Name of Program	Master of Library and Information Science
Program Abbreviation	M.L.I.Sc
Duration	2-Semester (1 Year)
Eligibility Criteria	B.L.I.Sc
Pre-requisite	
Medium of Instruction	English/Gujarati
Objective of Program	To equip the students with the advanced professional skills for the management of information knowledge, libraries and information centers, so that they can serve the society through an institution of library and information centre or through consultancy of the institutional objectives. To achieve the above objectives of the Program, it needs to realize the following: (a) To educate the students to respond to the changing information needs of society. (b) To give the students an understanding of the basic principles and theories of Library and Information Science. (c) To develop proficiencies and abilities of students essential for management of libraries and information systems. (d) To enable the students to understand the role of libraries and information centers in sociology-economic development of the society. (e) To acquaint the students with information and communication technology and its applications in libraries and information centers.
Program Outcome (PO)	• PO1: Fundamental Knowledge Enrichment of Library Science To aware students with various libraries, its services and rules of various libraries. • PO2: Critical Thinking Development To develops critical thinking, problem-solving, evaluative learning of various techniques in libraries, and understanding the essence of the problem. • PO3: Awareness of the Information and Technology and e-resources To familiarize students with methodologies for the identification, analysis, organization, evaluation, presentation and dissemination of information in the context of different types of information services and for the different user groups. • PO4: Awareness of Research Work To help students to have a better understanding of the ideas of research. • PO5: Management and Leadership Excellence: Develop skills in strategic planning, human resource management, and financial budgeting to lead diverse library and information organizations. • PO6: Professional Ethics and Legal Awareness: Understand and

	apply ethical standards regarding intellectual property, copyright, data privacy, and the right to information.							
Program Specific Outcomes (PSO)	• PSO1: Integrate theory with practice • PSO2: Analyses information needs to create solutions by applying a variety of tools and technologies • PSO3: Ensure the organization, accessibility, and management of library and information resources • PSO4: Create dynamic ways for a variety of users to interact with resources • PSO5: Digital Library and Repository Management: Design and manage digital libraries and institutional repositories using specialized software, metadata standards, and digital preservation techniques. • PSO6: Knowledge Economy and Marketing: Apply economic models and marketing strategies to promote library services and demonstrate the value of information products in a knowledge-driven society.							
Mapping between Pos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	
	PO1							
	PO2							
	PO3							
	PO4							

Structure of Program (Semester-wise)

Course Category	Course Code	Course Title	Mark sheet Title in English	Level of Course	Teaching Hours/Week		Exam Duration		Credit		Internal Marks			External Marks		Total Marks	
					TH	PR	TH	PR	T H	PR	Internal test	Assignment/ viva voce	Attendance	TH	PR	TH	PR
SEC	401	Statistics analyses for Library and Information Science using software	Statistics analyses for Library and Information Science using software	1	-	40	-	1	-	2	15	05	05	-	25	-	50
Major	402	Academic Library System and Legislation	Academic Library System and Legislation	2	40	-	2	-	4	-	30	10	10	50	-	100	-
Major	403	Professional Ethics and Legal Frameworks in LIS	Professional Ethics and Legal Frameworks in LIS	3	40	-	2	-	4	-	30	10	10	50	-	100	-
Major	404	Library Networks and Resource Consortia	Library Networks and Resource Consortia	4	40	-	-	-	-	4	30	10	10	50	-	100	-
Major	405	Reference Source and Information Services	Reference Source and Information Services	5	40	-	2	-	4	-	30	10	10	50	-	100	-
Major	406	Dissertation and Viva-Voce	Dissertation and Viva-Voce	6	-	40	-	2	-	4	30	10	10	-	50	-	100
Summer Internship	407	Internship Program	Internship Program	7	-	120	-	30 Days	-	4*	50			-	50	-	100

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	II					
NCRF Credit Level	6					
Course Type	SEC					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	401					
Course Level	400-499					
Course Title	Statistics analyses for Library and Information Science using software					
Credit	Theory:	2	Practical:	-	Total:	2
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To familiarize students with use of various statistical analyses software. CO2: To make students understand how to use various statistical techniques in Research through Excel, SPSS etc. CO3: Perform data entry and variable coding in SPSS, ensuring correct scale of measurement and data modification for accurate analysis. CO4: Execute Descriptive Statistics and Multiple Response Analysis to summarize frequency distributions and categorical data. CO5: Conduct inferential statistical tests (Chi-Square and t-tests) to determine significant differences and relationships within research datasets. CO6: Generate and interpret advanced data visualizations (Graphs, Charts, and Cross-tables) in both Excel and SPSS for research reporting. CO7: Apply bi-variate correlation and linear regression models to predict outcomes and measure the strength of association between variables.					
Course Content	Unit – 1 Introduction ; MS-EXCEL Introduction to MS-Excel ➤ Some basic commands ➤ Graphs in MS-Excel ➤ Functions in MS-Excel ➤ Statistical Analysis with MS-Excel ; Measure of Central Tendency ➤ Measures of Dispersion ➤ Skewness ➤ Linear Correlation (Bivariate) ➤ Linear Regression (Bivariate)					

	Introduction of SPSS Data file ➤ Data entry ➤ Modification of data ➤ Variable ➤ Coding, Decoding, Editing, Data file -Scale of Measurement ➤ Output file ➤ Functions ➤ Charts and Graphs - Unit-2 Statistical Analysis with SPSS -1 ➤ Frequency Distribution ➤ Descriptive Statistics including measures of central tendency and dispersion ➤ Cross table and Chi-Square Test ➤ Multiple Response Analysis Statistical Analysis with SPSS -2 ➤ t-test ➤ One sample t-test ➤ Independent sample t-test ➤ Paired sample t- test ➤ Correlation and Regression																																																	
Mapping between Cos and PSOs	<table><tr><td></td><td>PSO1</td><td>PSO2</td><td>PSO3</td><td>PSO4</td><td>PSO5</td><td>PSO6</td></tr><tr><td>CO1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO1							CO2							CO3							CO4							CO5							CO6						
	PSO1	PSO2	PSO3	PSO4	PSO5	PSO6																																												
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CO2																																																		
CO3																																																		
CO4																																																		
CO5																																																		
CO6																																																		
Reference Books	1. Bharihoke Deepak, ‘Fundamental of Information Technology’, Excel books, New Delhi 2. Bhatt Asmita, ‘The internet and E-mail’, Navneet Publications (India) Limited, Ahmedabad. 3. Blattnir & Ulrich, ‘Using Microsoft Excel 2000’, Printice Hall of India (P) Ltd, New Delhi. 4. Chauhan Bhavesh, ‘A complete guide to Internet’, Venus publication,Ahmedabad. 5. Coakes Sheridan, Steed Lyndall and Dzidic Peta (2007), ‘SPSS 13.0 for Windows: Analysis without Anguish’, Wiley student edition, Wily and sons Australia Ltd, Wiley India (P) Ltd, New Delhi. 6. Craver and Nash (2006), ‘Doing data analysis with SPSS 14’, Brooks/Cole, Cengage learning India Private Limited, New Delhi. 7. George Darren (2007), ‘SPSS for Windows Step by Step: A simple guide and Reference’, 6th Ed, Pearson Education Inc. Delhi, India. 8. Gookin Dan, ‘Dos for Dummies’, Comdex Computer publishing, New Delhi 9. Gupta Vikas, ‘Comdex Linux and Open office course kit’, Dream tech press, New Delhi. 10. Hunt Roger & Shelly John (1999), ‘Computer and Commonsense’, Prentice Hall of India, New Delhi. 11. Levin, Stephen, Krehbiel and Berenson (2007), ‘Statistics for Managers using Microsoft Excel’, Person Education Inc, New Delhi. 12. Murthy C S V, ‘Fundamentals of Computers’, Himalaya Publishing House, Mumbai. 13. Pandya Kiran & Bulsari Smruti (2009), ‘SPSS for beginners’, Popular Prakashan, Surat. 14. Pandya Kiran & Bulsari Smruti, ‘Computer Application in Economic Analysis’, Popular Prakashan, Surat. 15. Pandya Kiran & Bulsari Smruti, ‘Enjoy Statistics with SPSS’, Popular Prakashan, Surat. 16. Pandya Vimal, ‘Office 2000’, Computer world, Ahmedabad.																																																	

	17. Rajagopalan S P (2000), 'Computer Application in Business', Vikas Publishing House Pvt. Ltd, New Delhi. 18. Rajaraman V, (2004) 4th Ed, 'Fundamentals of Computers', Prentice Hall of India (P) Ltd, New Delhi. 19. Salvator Dominick (2008), VIth Edi (adapted version) 'Managerial Economics: Principles and worldwide applications', Oxford University Press, New Delhi. 20. Shah Sonal, 'MS-Office (Gujarati), Popular Prakashan, Surat. 21. Shah Tejas, 'Microsoft Office 2000', Computer world, Ahmedabad. 22. Sheshasaayee Ananthi (2002), 'Computer Application in Business and Management', Margham Publications, Chennai. 23. Srirengan K, 'Understanding Unix', Prentice Hall of India (P) Ltd, New Delhi.
Teaching Methodology	Lecture, Assignment, Discussion, ICT-Based Teaching.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	II					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	402					
Course Level	400-499					
Course Title	(Academic Library System and Legislation)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To familiarize students with the various genres for the management of libraries. CO2: To make students understand the theories of management and information Center. CO3: To develop students critical comprehension of library and information center for its category CO4: Apply document selection principles (Drury, Dewey, and Ranganathan) and utilize various publisher catalogues to build effective library collections. CO5: Evaluate and implement diverse library services, including Inter-Library Loans, Reference services, and Document Delivery, to support academic research. CO6: Analyze the recommendations of major commissions (Radhakrishnan, Kothari, and UGC) to understand the governance and growth of academic library authorities.					
Course Content	Unit – 1 Academic Libraries ➤ Academic Libraries: Definition, Meaning, Importance, Functions, Services and types of Academic Libraries Recommendations of Committees and Commissions for Development of Academic Libraries ➤ University Education Commission 1948-49 (Radhakrishnan Commission) ➤ UGC Library Committee, 1957 ➤ Education Commission 1964-66 (Kothari Commission) Library Authority and Library Committee ➤ Academic Library Authority ➤ Academic Library Committee Unit-2 Collection Development in Academic Libraries ➤ Collection Development ➤ Collection Development Policy ➤ Collection Development Programmes General Principles of Document Selection: 1. Drury's Principles 2. Dewey's Principles 3. Mc, Colvin's Demand Theory,					

	4. Dr.S.R.Ranganathan's Principle Unit-3 Sources For Document Selection 1. Book Selection Source for "Indian Publication 2. Various Publishers Catalogues, 3. Book Selection Sources For Foreign Publication ➤ Selection of Non-Print Reading Material ➤ Purchase Library Services 1. Circulation Services 2. Inter-Library Loan Service, 3. Orientation Service 4. Reference Service 5. Documentation Service 6. Bibliographical Service 7. Reprographic Service 8. Document Delivery Service Unit-4 Extension Activities ➤ Seminars, ExhibitionsBook Talks ➤ Academic Libraries and Continuing/ Distance Education Programme						
Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1						
	CO2						
	CO3						
	CO4						
	CO5						
	CO6						
Reference Books	Reference : 1. શર્મા, બી.કે.એવમ ડી.વી.સિંહ. શૈક્ષણિક પુસ્તકાલય પ્રણાલી. આગ્રા: વાય.કે.પબ્લીશર્સ, ૨૦૦૬. 2. ચૌધરી, રાયસિંહ બી. ભારતીય શિક્ષણની વ્યવસ્થા. અમદાવાદ યુનિવર્સીટી ગ્રંથનિર્માણ બોર્ડ, ૧૯૯૯. 3. પટેલ,મોતીભાઈ. ભારતીય શિક્ષણ પંચ : એક દષ્ટિપાત. અમદાવાદ : પ્રકાશ હાઇસ્કૂલ, ૧૯૮૧ 4. પટેલ, મોતીભાઈ. ભારતીય શિક્ષણ પંચોની એક ઝલક. લેખક : ૧૯૮૮ 5. ભાલ, જયંતીભાઈ ડી. ભારતની શિક્ષણ વ્યવસ્થા. અમદાવાદ : યુનિવર્સીટી ગ્રંથનિર્માણ બોર્ડ, ૨૦૧૦. 6. શર્મા,બી.કે.એવમ ઠાકુર,યુ.એમ. પુસ્તકાલય, સુચના વિજ્ઞાન એવમ સુચના પ્રૌદ્યોગિકી : વિવેચનાત્મક અધ્યયન. ભાગ ૧ અને ૨. આગરા : વાઈ. કે. પબ્લિશસર, ૨૦૦૮. 7. Ramana, V.V. Pattern and Development of University Libraries. New Delhi: Ess Ess Publication, 1995. 8. Issa, Dorothy and others. Academic Libraries: Role in the National Development. New Delhi: T.R. Publication, 1993. 9. Vyas, S.D Academic Library System. Jaipur: Panchsheel Prakashan, 1993. 10. Dayal, Bateshwar. Managing Academic Libraries: Principles and Practice. New Delhi: Isha Books, 2011. 11. Higham, Norman. The Library in the University: Observation on a service. London: Andre Deutsch Limited, 1980.						

Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	II					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	403					
Course Level	400-499					
Course Title	(Professional Ethics and Legal Frameworks in LIS)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: To recognize the utility of ethical decision-making models and codes of conduct CO2: To develop the basic skills needed to create and apply ethical decision-making models and professional codes to real-world issues facing librarians and information professionals. CO3: To describe the relevance of ethics to issues of diversity and inclusion and examine how ethical issues impact individuals and groups. CO4: To explain major national and international professional codes of ethics and analyze their use in library practice. CO5: To evaluate and apply legal provisions such as IPR, copyright, plagiarism, RTI, and IT Act in ethical decision-making. CO6: To examine ethical challenges in digital information environments, including privacy, authenticity, data security, and algorithmic bias.					
Course Content	Unit – 1 Professional Ethics Foundations of Ethics in Librarianship ➤ Introduction to professional ethics: Concept, origin and historical development of ethics in librarianship, Objectives, Importance and Professional Ethics for Librarianship. ➤ Ethics: Definition, moral philosophy, nature of moral judgments and reactions. ➤ Committee on Professional Ethics (COPE) and its role ➤ Code of professional ethics: National and International ➤ Responsibilities in Librarianship as a service profession. ➤ Scholarly communication, Professional Aptitude and Library philosophy as					

	guide for values and ethics Unit-2 Professional Issues, Supports and Problems Professional Practices, Standards & Ethical Challenges ➤ Academic issues ➤ Administrative issues ➤ Professional Standards ➤ Research and publication ➤ Resource sharing ➤ Financial support: scholarship, fellowship, awards and reward ➤ Professional Quality and New Entrants ➤ Ethical implications in recruitment and service issues ➤ Professional accountability and transparency ➤ Recognition of skills and competence for LIS professionals Unit-3 Professional ethics and technology Ethical Issues in Digital Information and Library Technologies ➤ Awareness of IT in library service environment ➤ Personnel training ➤ Internet and telecommunication skills ➤ Scholarly information sources – OA ➤ Quality issues and liabilities of information provider ➤ Code of Ethics in Digital Era ➤ Ethical challenges: privacy, authenticity, validity & accuracy of digital information. ➤ Ethical issues in social media & scholarly communication platforms Unit-4 Legal Issues Legal Frameworks for Information Access & Intellectual Property ➤ Freedom of information and privacy ➤ Intellectual property rights in media, IPR and legal issues categories, conventions, Treaties, Laws. ➤ Database rights ➤ Patents and Tread Marks ➤ Legal aspects of e-resources ➤ Plagiarism concept and types , RTI; Information Technology Act ➤ Licensing & Creative Commons ➤ Legal implications of AI-generated information ➤ Digital copyright offences & penalties						
Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1						
	CO2						
	CO3						
	CO4						
	CO5						
	CO6						

Reference Books	Reference: 1. American Library Association. (n.d.). Code of ethics of the American Library Association. Retrieved from http://www.ala.org/ala/aboutala/offices/oif/statementspols/codeofethics/codeethics.cfm 2. American Society for Information Science (ASIS). (n.d.). Code of ethics for information scientists. Retrieved from http://cool.conservation-us.org/bytopic/ethics/asiseth.html 3. Center for the Study of Ethics in the Professions. (n.d.). Codes of ethics online. Illinois Institute of Technology. Retrieved from http://ethics.iit.edu 4. Chaddah, P. (2018). Ethics in competitive research: Do not get scooped; do not get plagiarized. Self-published. ISBN: 978-93-8748-086-5 5. Chopra, H. R. (1989). Librarianship: As a profession in India. Jain Brothers. 6. Coblans, H. (1974). Librarianship and documentation: An international perspective. Andre Deutsch Limited. 7. International Federation of Library Associations and Institutions (IFLA). (n.d.). Professional codes of ethics/conduct. Retrieved from http://archive.ifla.org/faife/ethics/code.htm 8. MacIntyre, A. (1967). A short history of ethics. Routledge. 9. Medical Library Association (MLA). (n.d.). MLA code of ethics. Retrieved from http://www.mlanet.org/about/ethics.html 10. Ranganathan, S. R. (1931). The five laws of library science. Madras Library Association & Edward Goldston. 11. Ranganathan, S. R. (1951). Documentation genesis and development. Vikas Publishing House. 12. Ranganathan, S. R. (1961). Reference service. Asia Publishing House. 13. Ranganathan, S. R. (1963). Documentation and its facets: Being a symposium of seventy papers by thirty-two authors. Asia Publishing House. 14. Smith, M. M. (1997). Information ethics. Annual Review of Information Science and Technology (ARIST), 32, 339-366. Information Today. 15. Smith, M. M. (2001). Information ethics. Advances in Librarianship, 25, 29-66. Academic Press.
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	II					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	404					
Course Level	400-499					
Course Title	(Library Networks and Resource Consortia)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: Develop skills to provide consortia based services. CO2: Familiarize yourself with the consortia available in other countries also. CO3: To make students understand the factors that led to the development of library consortia; and functions and services of select library consortia. CO4: Introduce the functions and services of select library and information networks; CO5: Analyze the technical architecture and bibliographic standards (such as MARC) used by utility networks for centralized and shared data processing. CO6: Evaluate the role of national and international networks (like OCLC, INFLIBNET, and JANET) in promoting global resource sharing and academic collaboration. CO7: Manage collaborative consortia services, including joint electronic acquisitions, database licensing, and the development of shared digital library projects.					
Course Content	Unit – 1 Library and Information Networks ➤ Definition, Need, History and evolution Library Networks ➤ Data networks ,Introduction and activates of data Networks in Indian (ITES (INDONEWT), ERNET,NICNET,INET,SIRENT,BITSNET) ➤ Library and Information Networks in India ➤ Role of international agencies in the development of Library Networks: IFLA and UNESCO Unit-2 Library Networks at International Level ➤ Online Computer Library Centre (OCLC) ➤ Research Library Group (RLG) RLIN ➤ Joint Academic Network (JANET) ➤ Consortium of University Research Libraries (CURL) ➤ China Academic Library and Information System(CALIS) ➤ Australian Academic and Research Library Network (AARLIN) ➤ Recently come up Library Networks Unit-3 Bibliographic Utility Networks ➤ Objectives, Definition, History, Need and Benefits					

	➤ Working style (how it Works): Centralized, Processing, Shared Processing ➤ Bibliographic Standards :MARC ➤ Tools for Bibliographic Utility Networks ➤ LOC services, CIP,MARC Alert Services ➤ Major Bibliographic Utility Networks: International OCLC, RLG, NBS, Kineticweb, CALIS,HBZ. ➤ National INFLIBNET,CALIBENT,ADINET,MYLIBNET, PUNENET, ➤ Major Initiatives Related to bibliographic Utilities: NCCP,PCC (NACO,SACO,BIBCO,CONSER),LSP Unit-4 Services of Library Consortia ➤ Subject Gateways ➤ Database Service ➤ Document Delivery Service ➤ Shared Electronic / reference/ Real Time Reference Service ➤ Collective acquisition of resources ➤ Consortium purchase ➤ Joint archives and cooperative storage facility ➤ Shared Digital Library Project Development ➤ Training :Personnel and Clientele ➤ Technology support from member institute ➤ Communication service among members																																																	
Mapping between Cos and PSOs	<table><tr><td></td><td>PSO1</td><td>PSO2</td><td>PSO3</td><td>PSO4</td><td>PSO5</td><td>PSO6</td></tr><tr><td>CO1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>CO6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6	CO1							CO2							CO3							CO4							CO5							CO6						
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Reference Books	1) Balakrishnan, Shyam. Networking and Future of Libraries. New Delhi: Ess Ess, 2000. 2) Basandra, Suresh K. Computer Today. New Delhi: Galgotiya, 1999. 3) DELNET (Developing Library Network). http://delnet.nic.in 4) MALIBNET (Madras Library Network). http://www.angelfire.com/in/malibnet 5) INFLIBNET (Information and Library Network Centre). http://www.inflibnet.ac.in 6) MYLIBNET (Mysore Library Network). http://www.mylibnet.org 7) Jha, Pavankumar. "Library Networks and Network based Information Services in India." Available at: http://pavankumarjha.prepod.com/dissertation/chapter3.html 8) Kaul, S. "Information Resource Sharing Models in Developing Countries: A network emerging from the World Bank supported environmental management capacity building project." 9) Prasad, Kiran. Information and Communication Technology.New Delhi: B.R. Publishers, 2004. (Ref:http://www.fhposdan.de/~IFLA/INSPEL/01-1kasu.pdf) 10) Ramamurthy. Globalisation and Library Information Networking. New Delhi: Author Press, 2003. 11) Ramannair, R. Information Technology for Participatory Development. New Delhi: Kaveri, 2003. 12) ADINET (Ahmedabad Library Network). www.alibnet.org 13) CALIBNET (Calcutta Library Network). www.calibnet.org																																																	
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.																																																	

Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage
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Subject Code [2701133402040001]

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT SYLLABUS						
Program Name	Master of Library and Information Science					
Semester	II					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	405					
Course Level	400-499					
Course Title	(Reference Source and Information Services)					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: Library Professionals will be able to tap the information sources while answering a query and develop confidence and expertise in handling information sources. CO2: Library Professionals explain the need and importance of Document Delivery Service and identify different types of systems through which DDS can be offered. CO3: Evaluate the reliability and authority of print and electronic reference tools using standard criteria like accuracy, scope, and currency. CO4: Execute professional reference interviews and apply advanced search strategies to identify and fulfill specific user information needs. CO5: Implement personalized alert services, including Current Awareness Service (CAS) and Selective Dissemination of Information (SDI), for targeted user groups. CO6: Design and deliver user education programs and virtual reference services using Web 2.0 tools and digital search techniques.					
Course Content	Unit – 1 Information Sources ➤ Meaning, definition, nature, characteristics & utility Documentary information : Prints and electronic ; primary ,secondary and tertiary ➤ Non documentary information sources: Human and institutional Internet as a source of information Reference source: ➤ Meaning, definition ,need and purpose ➤ Criteria of evaluation Unit-2 Kinds of Reference tools					

	➤ Encyclopedias ➤ Dictionaries ➤ Directories ➤ Yearbooks ➤ Handbooks ➤ Manuals ➤ Almanacs ➤ Geographical sources ➤ Bibliographical sources ➤ biographical sources ➤ Current reference sources ➤ online sources Types of reference queries ➤ Techniques of answering reference queries Unit-3 Reference & information services: ➤ Concept, definition, need ➤ Reference services : Long range reference service and ready reference service ➤ Difference between information service and reference service Information users: ➤ Categories of users and their information need User's studies ➤ Reference interview & search techniques Unit-4 User education: ➤ Definition, need, purpose, techniques and methods ➤ User's education program Information services: ➤ Literature search ➤ Bibliographical service ➤ Reprographic services ➤ Translation ➤ Current Awareness Service (CAS) ➤ Selective Dissemination Of Information (SDI) ➤ Document Delivery Service ➤ Indexing services ➤ Abstracting services Recent trends of information services: ➤ Virtual / Digital Reference Services; E-alerts, web alerts, web 2.0 ➤ tools ➤ Google Search Strategies																																																	
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Reference Books	Reference 1. Austbery, R. (1967). Bibliography and book production. Oxford : Pergamon Press 2. Bopp, R. E. and Smith, L C. (2011). Reference and information services: an introduction. 4th ed. Santa Barbara, California: Libraries Unlimited 2. Bums, Christa & Sauers, Michael P. (2014). Google search secrets. American																																																	

	Library Association. (Accessible through Bhaikaka Library at SPU only) 3. Cassell, K., & Hiremath, U. (2009). Reference and information services in the 21st century: an introduction. New York: Neal-Schuman Publishers. 4. Chakraborti, M. L. (2017). Bibliography in theory and practice. The World Press PVT LTD (1971) 5. Devine, Jane & Egger-Sider, Francine (2014). Going beyond Google again: 6. Strategies for using and teaching the invisible Web. American Library Association. (Accessible through Bhaikaka Library at SPU only) 7. Esdaile, A., Stokes, R. B., & Almagno, R. S. (2001). Esdaile's manual of bibliography. Scarecrow Press. 18) Zabel, D. Z., & Smith, L. C. (2011) (Eds.). Reference reborn: breathing new life into public service librarianship. Santa Barbara, California: Libraries Unlimited. 8. Katz, W. A., & Tarry, A. (1978). Reference and information services. Scarecrow Press. 9. Kumar, K. (1980). Reference service. South Asia Books. 10. Kumar, G. & Kumar, K. (1976). Bibliography. New Delhi : Vikas Publishing 11. Rangnathan, S. R. (1961). Reference service. 2nd ed., Bangalore: Sarda Rangnathan Endowment for Library Science. 12. Ranganathan, S. Rx, Sivaraman, K. M., & Sundaram, C. (1940). Reference service and bibliography with a foreword by Sir Maurice Linford Gwyer. 13. Rath, P. N. (2015). Evolution of systematic bibliographies in India. 14. Roy, P.M. (1984). Systematic bibliography. 2nd ed. Jaipur: Print well. 15. Sharma, J. S. & Grover, D.R (1987). Reference Service & Sources of Information. New Delhi: Ess Ess Publication 16. Singh, S. (1986). Reference service in academic libraries in India. New Delhi: Ess Ess Publication
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library and Information Science					
Semester	II					
NCRF Credit Level	6					
Course Type	Major					
Course Sub type	Employ ability / Skill Development					
Subject Type	Discipline Specific					
Course Code	406					
Course Level	400-499					
Course Title	DISSERTATION AND VIVA-VOCE					
Credit	Theory:	4	Practical:	-	Total:	4
Effective Form	Academic Year: June 2026-27					
Course Outcomes	CO1: Understand the Nature, Concept and types of research. CO2: Understand the methods of data collection, data analysis and preparation of Research report. CO3: Prepare the dissertation independently. CO4: Formulate a structured research proposal and design by selecting an original topic in Library Science in consultation with a faculty guide. CO5: Apply rigorous data collection and analytical techniques to produce original research findings that contribute to the field of information science. CO6: Demonstrate academic writing and defense skills by producing a 100-page formal dissertation and successfully presenting it during a viva-voce examination.					
Course Content	➤ The marks allocation out of 70 marks shall be 50 marks of written dissertation and 20 marks of viva-voce. ➤ The Dissertation on any assigned topic in the field of Library and Information Science or allied subjects. ➤ The Dissertation will be based on a given topic individually. A Student will select his/her topic in consultation with H. O. D. and his/her guide. ➤ The Dissertation should be prepared under the guidance of a member of the faculty at M.L.I.Sc. course ➤ The Dissertation not less than 100 pages (Typed Computer printout) and size of the Dissertation shall be A4 size papers and shall have typed in double spaces. ➤ The Dissertation shall embody the original research and will have to be certified by the student and the guide ➤ Two copies of The Dissertation shall be submitted by the student duly certified by the guide. ➤ The Dissertation shall be evaluated by Two examiners ➤ Guiding the students for the dissertation the coordinator will arrange guidance / counseling lectures from the faculty teaching at M.L.I.Sc. Course.					

Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1						
	CO2						
	CO3						
	CO4						
	CO5						
	CO6						
Reference Books							
Teaching Methodology	Classwork, Discussion, Assignment and Practical Work.						
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage						

VEER NARMAD SOUTH GUJARAT UNIVERSITY, SURAT

SYLLABUS

Program Name	Master of Library & Information Science						
Semester	II						
NCRF Credit Level	6						
Course Type	Summer Internship						
Subject Type	Discipline Specific						
Course Code	407						
Course Level	400-499						
Course Title	Internship Program						
Credit	Theory:	-	Practical:	4	Total:	4	
Effective Form	Academic Year: 2026-27						
course Outcomes	1. To train the students in practical librarianship in the working environment of the library by deputing them in different types of libraries for a period of 30 days (120 hours). 2. To train them in preparing the Internship Report in a prescribed format based on their practical training and learning. 3. To bridge the gap between theoretical master's level concepts and practical library administration, organization, and automated operations.						
Course Content	UNIT- I: Internship Program Structure ➤ A. Report on Internship Program ➤ B. Viva-Voce						
Mapping between Cos and PSOs		PSO1	PSO2	PSO3	PSO4	PSO5	PSO6
	CO1						
	CO2						
	CO3						
Teaching Methodology	Hands on Daily Practice, live Demonstrations & Mentorship and Project						
Evaluation Method	Internal Assessment: 50 Percentage External Assessment: 50 Percentage						

Rules & Guidelines (Note):

- **Compulsory Training:** Each student shall have to undergo an Internship Program at a library, selected or approved by the Department, for a strictly mandated period of **30 days (comprising 120 working hours)**.
- **Timing:** This internship must be undertaken immediately in Second Semester.
- **Mark sheet Integration:** The internship carries a weightage of **4 Credits**. These credits, along with the corresponding grades/marks for the Internship Report and Viva-Voce, will be explicitly added and displayed on the student's final M.L.I.Sc. Mark sheet.
- **Result Declaration:** The final degree results will be withheld until the successful completion of the internship and the submission of the verified Internship Report.