



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, ઉદના-મગદલા રોડ, સુરત - ૩૯૫ ૦૦૭, ગુજરાત, ભારત.

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**-: પરિપત્ર :-**

વિનયન વિદ્યાશાખા હેઠળની લાઈબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ વિષય ચલાવતા ડિપાર્ટમેન્ટનાં વડાશ્રીને જણાવવાનું કે, શૈક્ષણિક વર્ષ ૨૦૨૨-૨૩ થી અમલમાં આવનાર વિષયના Ph.D. કોર્સવર્કના અભ્યાસક્રમ અંગે ચર્ચા કરતાં લાઈબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ વિષયની નિયુક્ત (એડહોક) અભ્યાસ સમિતિની તા. ૧૫/૧૦/૨૦૨૨ની સભાનાં ઠરાવ ક્રમાંક: ૪ અન્વયે Ph.D. કોર્સવર્કનો અભ્યાસક્રમ વિનયન વિદ્યાશાખાનાં અધ્યક્ષશ્રીએ વિનયન વિદ્યાશાખાવતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ એકેડેમિક કાઉન્સિલની તા. ૧૮/૧૦/૨૦૨૨ ની સભાનાં ઠરાવ ક્રમાંક: ૩૦ થી મંજૂર કરેલ છે. જેની આથી જાણ કરવામાં આવે છે, તદ્દુપરાંત તેનો અમલ કરવો.


**એકેડેમિક કાઉન્સિલની તા. ૧૮/૧૦/૨૦૨૨ ની સભાનાં ઠરાવ ક્રમાંક: ૩૦**

:: આથી ઠરાવવામાં આવે છે કે, લાઈબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ વિષયના Ph.D. કોર્સવર્કના અભ્યાસક્રમ અંગે ચર્ચા કરતાં લાઈબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ વિષયની નિયુક્ત (એડહોક) અભ્યાસ સમિતિની તા. ૧૫/૧૦/૨૦૨૨ની સભાનાં ઠરાવ ક્રમાંક: ૪ અન્વયે Ph.D. કોર્સવર્કનો અભ્યાસક્રમ વિનયન વિદ્યાશાખાનાં અધ્યક્ષશ્રીએ વિનયન વિદ્યાશાખા વતી મંજૂર કરી એકેડેમિક કાઉન્સિલને કરેલ ભલામણ સ્વીકારી મંજૂર કરવામાં આવે છે.

(બિડાણ: ઉપર મુજબ)

ક્રમાંક : એસ/પરિપત્ર/ ૨૫૩૪૦/૨૦૨૨

તા. ૨૦-૧૦-૨૦૨૨

  
કુલસચિવ

પ્રતિ,

૧) લાઈબ્રેરી એન્ડ ઈન્ફોર્મેશન સાયન્સ વિષય ચલાવતા ડિપાર્ટમેન્ટનાં વડાશ્રી.

.....આપશ્રીના ડિપાર્ટમેન્ટના સંબંધિત શિક્ષકોને જાણ કરી અમલ કરવા સારૂ.

૨) અધ્યક્ષશ્રી, વિનયન વિદ્યાશાખા.

૩) પરીક્ષા નિયામકશ્રી, પરીક્ષા વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.

૪) ઈ.ચા.નાયબ કુલસચિવશ્રી, અનુસ્નાતક વિભાગ, વીર નર્મદ દ. ગુ. યુનિવર્સિટી, સુરત.

.....તરફ જાણ તેમજ અમલ સારૂ.

સુલભ સુલભ નં. 18/10/2022  
ચાલતી 20 મુસુલભ 12

# Syllabus

**Master of Library & Information Science (Ph.D)**  
**(Contain Course Work Syllabus)**

**Department of Library & Information  
Science**

**Implemented from Academic year 2022-  
2023**

**Veer Narmad South Gujarat University,  
Surat**

**Udhna Magdalla Road,  
Surat – 395007, Gujarat (India)**

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## Paper- I Research Methodology

<b>Course Code</b>	501
<b>Course Title</b>	Research Methodology
<b>Credit</b>	4
<b>Total Teaching hours</b>	60 Hrs.
<b>Purpose of Course</b>	To make students familiar with the use of research methods for research work.
<b>Course Objective</b>	To understand and articulate the role and importance of research in Library and Information Science. To introduce the different methods and techniques of research. To develop research reporting skills. To identify and discuss ethical issues related to research.
<b>Course Outcomes</b>	CO1: To familiarise 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.

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Department of Library and Information Science

Veer Narmad South Gujarat University, Surat

Ph.D

Course (Subject): 501 : Research Methodology

501	Research Methodology	Total 60 hrs
UNIT 1	<b>NATURE AND SCOPE SOCIAL SCIENCE RESEARCH</b>  Nature and scope of Social Science research, Types of research, Steps of research process, Criteria in Social Research, Research Design, Review of Literature	15 hrs
UNIT 2	<b>TYPE OF DATA AND SCALE OF MEASUREMENTS</b>  Types of Data: Primary and Secondary Data, Source of Secondary data in India, Cross sectional data, Time series data, Panel data, Quantitative data and Qualitative data, Scale of Measurement: Ratio scale, Interval scale, Nominal scale, Ordinal scale (Likert scale)- Methods for primary data collection: Interview methods (personal interview, long interview, in-depth interview), Observation method (Direct observation, Indirect observation), Group discussion (focus group, peer group) method, Questionnaire method (Steps for preparing questionnaire)	15 hrs
UNIT 3	<b>SAMPLING TECHNIQUES &amp; WRITING A RESEARCH REPORT</b>  Population and sample, Probabilistic sample: (a) Simple random sample (b) Systematic random sample (c) Stratified sample (d) Cluster sample (e) Multistage cluster, Non-probabilistic sample: (a) Quota sample (b) Convenience sample (c) Judgmental sample (d) Snow-ball sample, Steps of writing a good research report, Writing a research proposal, Preparing a bibliography (APA style and MLA style): Citation, foot-note, end-note	15 hrs
UNIT 4	<b>Statistical Analysis and various software use like Excel &amp; SPSS</b>  Meaning and definition of statistics, use of statistics, Limitation of statistics - Data, Frequency Distribution, Measures of Central Tendency: Mean Median, Mode - Dispersion and Skewness-Frequency Distribution - Descriptive Statistics including measures of central tendency and dispersion - Cross table and Chi-Square Test - t-test - One sample t-test - Independent sample t-test - Paired sample t-test - Correlation and Regression	15 hrs

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- 1) Ahuja Ram (2001), Research Methods; Rawat Publications, Jaipur.
- 2) Beri G.C. (2004), Marketing Research (3<sup>rd</sup> Ed.); Tata McGraw-Hill Publishing Company Ltd, New Delhi.
- 3) Bryman Alan (2012), Social Research Methods (4th Ed), Oxford University, Press, New York
- 4) Bryman Alan; Bell Emma (2007), Business Research Methods (2<sup>nd</sup> Ed.); Oxford University Press, New York.
- 5) Cauvery R & Sudha Nayak U.K. (2005), Research Methodology; S.Chand & Company Ltd.,New Delhi.
- 6) Cooper Donald R; Schindler Pamela S.(2003), Business Research Methods (8<sup>th</sup> Ed.); Tata McGraw-Hill Publication, New Delhi.
- 7) Desai Haribhai G and Desai Krushnkant G (2013) *Sansodhan Paddhatio ane Pravidhhio*, University Granth Nirman Board, Ahmedabad
- 8) Kothari C.R. (2004), Research Methodology: Methods & Techniques (2<sup>nd</sup> Ed.); New Age International Pvt. Ltd, New Delhi.
- 9) Kumar Ranjit (2008), Research Methodology- A Step by Step Guide for Beginners, Pearson Education, New Delhi
- 10) Nargundkar Rajendra (2010), Marketing Research (3<sup>rd</sup> Ed.); Tata McGraw Hill Education Pvt. Ltd, New Delhi.
- 11) Panneerselvam R. (2010), Research Methodology (8<sup>th</sup> Ed.); Prentice-Hall of India Pvt. Ltd, New Delhi.
- 12) Popper, K.R. (1959), The Logic of Scientific Discovery, New York, NY: Basic Books.
- 13) Popper, K.R. (1972) Objective Knowledge, Oxford, U.K.: Clarendon.
- 14) Sekaran Uma (2006), Research Methods for Business; Wiley India Pvt. Ltd, New Delhi.
- 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 (4<sup>th</sup> 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 (7<sup>th</sup> Ed.); Thomson Asia Pvt. Ltd, Singapore.

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## **Paper- II Library and Information Science : Research and Ethics**

### **Objectives of the course:**

- To understand about the Philosophy and Ethics of research
- To understand about the Publication ethics
- To understand details about Open Access Publishing and resources
- To find out the different types Databases and Research Metrics.
- To get Knowledge about Professionalism and professional ethics.

### **Course Content:**

#### **Unit-1 Philosophy and Ethics**

- Introduction to philosophy : Definition, Nature and Scope, Concept, Branches
- Ethics: Definition , Moral philosophy, Nature of Moral Judgments and Reactions
- Professional Education and Research

#### **Unit-2 Publication Ethics**

- Publication Ethics : Definition, Introduction and Importance
- Publication Misconduct: Definition, Concept, Types, Problems that Lead to Unethical Behavior and Vice-versa
- Violation of Publication Ethics, Authorship and Contributor ship
- Conflicts of Interests
- IPR and Legal issues - categories, Conventions, Treaties, Laws
- Plagiarism : Concept and Types

#### **Unit-3 Open Access Publishing and resources**

- Electronic Publishing, E Learning, Basic of E- resources, types, features, advantages and limitations.
- Pen Access Publications and Initiatives
- Open access initiative and institutional Repository
- Open Access electronic resources
- Open Access educational resources
- E-Resource Management

#### **Unit-4 Databases and Research Metrics**

- Web search using search engines , advance searching Techniques.
- Databases Search - Do AJ,JSTOR, J-Gate, Emerald, Science Directetc.
- Citation Tools for research : Web of Science, Scopus etc.
- Peerreview , Referd Journal
- Impact Factor of Journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
- Metrics: h-index, g-index, i 10 index, Altmetrics

### Recommended Books:

- Chaddah, P. (2018) . Ethics in competitive Research : Do not get scooped, Do not Get Plagiarised ISBN: 978-9387480865. Available at [http://www.researchgate.net/publication/331470963\\_Ethics\\_in\\_Cometitive\\_Research\\_do\\_not\\_get\\_scooped\\_do\\_not\\_get\\_plagiarized](http://www.researchgate.net/publication/331470963_Ethics_in_Cometitive_Research_do_not_get_scooped_do_not_get_plagiarized)
- Beall, J. (2012) . Predatory Publishers are Corrupting open access, Nature, 489(7415), 179. <http://doi.org/10.1038/489179a>
- Bird, A.(2006) . philosophy of Science . Routledge.
- Macintyre, Alasdair. (1967). A short History of ethics. London
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- Resnik D.B. (2011) What is Ethics in Research & why is it Important ? National Institute of Environmental Health Sciences. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
- Indian National Science Academy (INSA).(2019) . Ethics in Science Education, Research and Governance . ISBN: 978-81-939482-1-7

*Chaddah*

## **Paper-III Emerging Trends in Library and Information Science**

### **Objectives of the course:**

- To understand about the development of libraries in ICT era.
- To understand about the Digital library.
- To understand details about electronic resources with respect to online services & , institutional repositories.

### **Course Content :**

#### **Unit-1 Development of Libraries**

- Development of libraries with Special reference to India
- Role of UGC, Role of NAAC
- Different types of Libraries - Their distinguishing features, function, services
- Laws of Library Science in ICT environment, Information services: concept, definition, need, Alerting services : Computerized CAS and SDI
- Conservation and preservation : Concept, need; Different types of information materials - their nature and preservation ; Archives - micrographic relation to preservation

#### **Unit-2 Digital Libraries and Institutional Repositories**

- Digital Library - Genesis, Definition, Objectives and Scope
- Digitization Process: Input Capture Devices
- Digital Library Software : Greenstone and Dspace
- Metadata : Type, Dublin Core
- Institutional Repositories : Concept , Need

#### **Unit-3 Electronic Resources**

- Electronic Resources-Concept, Features, Characteristics
- Type Of Electronic Resources
- Collection Development Of Electronic Resources
- Access Channels For Electronic Resources
- Information literacy : Concept, Definition, Need
- ACRL Standards for information Literacy
- Information Literacy Model

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#### **Unit-4      Using the Online Services**

- Databases of electronic theses ( like shodh Ganga) , institutional repositories,
- Open e-archives, web-scale discovery services
- Digital Libraries, Video archives, etc.
- Tagging and micro-blogging, RSS Feeds

#### **Recommended Books:**

- Kumar,S. (s.n). Public Libraries act in india. New Delhi: Ess Ess.
- Kumar, P.S.G. 2014 Changing Dimensions of library and Information Science. New Delhi : Ess Ess.
- Ranganathan , S.R. 2008. Library Mannual . New Delhi: Ess Ess.
- Ramaiah, L.S. 1999 , Information and society. New Delhi : Ess Ess.
- Kumar, Krishna. 2013. Library Organisation . Krishna Kumar. Noida : Vikas Publishing house Pvt. Ltd.
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- Lesk, Michael. (1996). Understanding Digital Libraries. 2nd. san Francisco: Morgan Kaufman.
- Srivastava, M.D.(2011). Metadata Creation in Digital Libraries. New Delhi: Pacific
- Sul H.Lee (1999). Collection Development in the Electronic Environment : Shifting Priorities. Haworth Press.
- Agarwal, S.S. (1986) Library and Information science Education in India In: Gupta, P.K. AND Pawan, Usha (EDS.) Library and Information Science. Jaipur, RBSA Pub.



**Notes :**

Assessment will be done on the basis of seminar, term paper, review of literature and presentations. Assessment will also be done through seen/ unseen tests.

The entire course work of Ph.D programs will be done through lectures, self- study, seminars, assignment, library Work, training programme and presentations.

**Passing Criteria :**

1. Students shall secure a minimum of 50% marks separately in each paper or a course to pass out from 100 marks. The distribution 100 marks in each paper are as follow:

Assignment (10 Marks)	Seminar (10 Marks)	Lectures (10 Marks)	Self study (Review of literature) (20 Marks)	Seen / Unseen examination (50 Marks)
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2. If students fail to secure 50% marks in each paper he/she has to repeat coursework in concern paper.
3. The Course will be offered during regular days/ Sunday's / holiday depends upon the convenience of resource person.

