उत्तराखण्ड संस्कृत विश्वविद्यालय, हरिद्वार

पुस्तकालय विज्ञान विभाग

MASTER OF LIBRARY SCIENCE

प्रथम सत्र

DSCC-01-	:	Universe of knowledge (सार्वभौमिक ज्ञान)	75 + 25
DSCC-02-	:	Information Technology (सूचना तकनीकी)	75 + 25
DSE-01-	:	Information System & Services (सूचना प्रणाली एवं सेवाऐं)	75 + 25
DSE-02-	:	Organisation of Knowledge (ज्ञान का संगठन): Depth Classification Theory (गहन वर्गीकरण सिद्वांत) and Advanced Cataloguing Theory (वृहत् सूचीकरण सिद्वांत)	75 + 25
IAPC-01	:	Depth Classification- Practical (गहन वर्गीकरण प्रायोगिक)	100

नोट :– समस्त सैद्धान्तिक प्रश्नपत्रों में 25 अंक सत्रीय मूल्यांकन हेतु निर्धारित हैं।

द्वितीय सत्र

DSCC-03-	:	Research Methodology & Basic Statistics. (शोध पद्धति और प्रामरी सांख्यिकी)	75 + 25
DSCC-04-	:	(A) Information Sources in Social Science. (प्राकृतिक विज्ञान में सूचना के स्रोत) (B) Information Sources in natural Science. (सामाजिक विज्ञान में सूचना के स्रोत) (C) Information Sources in Humanities. (मानविकी में सूचना के स्रोत)	75 + 25
DSE-03-	:	Academic Libraries and Special Libraries (शैक्षणिक पुस्तकालय एवं विशिष्ट पुस्तकालय)	75 + 25
DSE-04-	:	Advanced Cataloguing Practice (वृहत् सूचीकरण प्रयोगात्मक)	75 + 25
IAPC-02	:	Dissertation (लघुशोध) Viva-Voce (साक्षात्कार)	100

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प्रथम सत्र

DSCC-01 **Universe of Knowledge**

(सार्वभौमिक ज्ञान)

पूर्णांक- 75+25 (आतंरिक मूल्यांकन) =100 क्रेडिट-04

1- Objectives of the study of universe of knowledge : Library Science, Attributes of knowledge, Growth of knowledge and the modes of formation of knowledge, and subjects, Various System of organization of knowledge.
2- Religion, Philosophy and Science : Their Contribution to knowledge.
3- Positivistic speculative and authority centered modes of thinking.
4- Methods of Research in Natural Science, Social Sciences and the Humanities. Application of Scientific Method to Social Sciences.
5- Development of Scholarship since the 17th century.
6- Knowledge and Society.
7- Agencies for the dissemination of knowledge and information.
8- Research-Fundamental Applied and Development. Organisation of research with special reference to India.

Recommended Books

Bliss, H. E. (1929). The organisation of knowledge and the system of sciences. New York: Henry Holt and Company.

Dampier, W. C. (1956). A short history of science. Cambridge: Cambridge University Press.

Langridge, D. W. (1969). The universe of knowledge. Maryland: College of Library Services.

Miksa, F. L. (1998). The DDC, the universe of knowledge, and the post-modern library. New York: Forest Press.

Singh, S. (1998). Universe of knowledge: Structure and development. Jaipur: Raj Publishing House.

Sinha, S. C., & Dhiman, A. K. (2002). Prolegomena to universe of knowledge. New Delhi: Ess Ess Publications.

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प्रथम सत्र

DSCC-02 - **Information Technology**
(सूचना प्रौद्योगिकी)

पूर्णांक- 75+25(आतंरिक मूल्यांकन)=100 क्रेडिट-04

1- Information Technology : Genesis and development. Its impact on Libraries.
2- Telecommunication Satellite Telecommunication Telex, Teleprinter, Teletext, Videotext, Teleconference/Facsible.
3- Genesis and development of. Computers, Basic knowledge of Hardware and Software, Input device Functioning of Computer and its Limitations.
4- Computer application of Library and Information work : current scenario with reference to India.
5- National and International Network : INDONET, NICNET, INFLIBNET, AGRIS MEDLARS, INIS.
6- Communications : Brief Introduction.

Recommended Books

Dhiman, A. K. (2003). Basics of information technology for librarians and information scientists (2 vols.). New Delhi: Ess Ess Publications.

Dhiman, A. K., & Rani, Y. (2007). Resource sharing, networking and library & information networks. New Delhi: Ess Ess Publications.

Dhiman, A. K., & Rani, Y. (2012). Manual of digital libraries (2 vols.). New Delhi: Ess Ess Publications.

Jain, V. K. (2009). Information technology for digital library management and automation. New Delhi: Atlantic Publishers.

Kumar, P. S. G. (1987). Computerization of Indian libraries. New Delhi: BR Publishing Corporation.

Rowley, J. E. (1993). Computers for libraries. London: Library Association Publishing.

Satyanarayana, N. R. (1995). A manual of computerization in libraries. New Delhi: Wishwa Prakashan.

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प्रथम सत्र

DSE-01 - **Information Systems & Services**
(सूचना प्रणाली और सेवायें)

पूर्णांक- 75+25(आतंरिक मूल्यांकन)=100 क्रेडिट-04

1- National and International Systems, programmes and Agencies: VINITI, INSDOC, FID, UNESCO, DESIDOC, NASSDOC, UNISIST, NISSAT, Asilb
2- Indexing-Co-ordinate indexing PRECIS, POPSI, SLIC, Citation Index Science Citation Index.
3- Abstracting-Principles, Types, Personnel, Use of author Synopsis Abstract with slant, National International abstracting agencies co-ordination of abstracting services, progress in machine abstracting.
4- Information services-CAS, SDI, Problems in compilation of Documentation Lists, Problems of seepage and scatter of documents and their solution.
5- Thesaurus : Need and method of construction.
6- Marketing of Information-Concept, Marketing Strategies, techniques and Products.

Recommended Books

Aitchison, J., Gilchrist, A., & Bawden, D. (2000). *Thesaurus construction and use: A practical manual* (4th ed.). London: Aslib / Fitzroy Dearborn.

Dhiman, A. K., & Rani, Y. (2005). Learn: Information and reference sources and services. New Delhi: Ess Ess Publications.

Guha, B. (1983). *Documentation and information: Services, techniques and systems* (2nd rev. ed.). Calcutta: The World Press.

Gupta, D. K., Koontz, C., Massísimo, À., & Savard, R. (Eds.). (2006). *Marketing library and information services: International perspectives.* Munich: K. G. Saur.

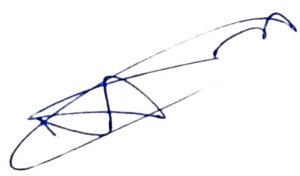
Kashyap, M. M. (1999). *Computer-based library information systems designing techniques.* New Delhi: Sterling Publishers.

Lancaster, F. W. (2003). *Indexing and abstracting in theory and practice* (3rd ed.). Champaign, IL: University of Illinois, Graduate School of Library and Information Science.

Rowley, J. E. (1988). *Abstracting and indexing* (2nd ed.). London: Clive Bingley.

Soergel, D. (1974). *Indexing languages and thesaurus construction and maintenance*. Los Angeles: Melville Publishing House.







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DSE-02 - Organisation of Knowledge (ज्ञान का संगठन): Depth Classification Theory (गहन वर्गीकरण सिद्धांत) and Advanced Cataloguing Theory (वृहत् सूचीकरण सिद्धांत) 75 + 25

पूर्णांक- 75+25(आतंरिक मूल्यांकन)=100 क्रेडिट-04

(A) Depth Classification – Theory

(गहन वर्गीकरण सिद्धांत)

1- Normative Principles of Bliss Browin, Richardson, Sayers and Rang Nathan- Comparative study.
2- Designing of Schems for classification. Depth schedules- Ranganathan's methodology.
3- Development of Theory of Library Classification; Role of classification Research for Marchine search.
4- Canons for work in the Idea plane Verbal plane, National place.
5- Categories in classification-Comparative study special isolates, Quasi isolates, Quasi common isolates, principles for Facet sequence, Telescoping of Array and Facets.
6- Classification scheme-Historical Development Types, Special/ General. Board system of Ordering (BSO) Formation of Isolates, by Alphabetical, Chronlogical, Geographical and subject device, Decimal fraction Device, Sector Device, Agglomeration Device. Zone Analysis.
7- Genesis and Development of Notational Techniques National Techniques in CC and UDC-Comparative study.
8- Recent development and Trends.

Recommended Books

Coates, E. (1978). BSO: Broad system of ordering schedule and index. Paris: Fédération Internationale de Documentation.

Dewey decimal classification and relative index (21st ed., Vols. 1–4). (1996). New York : Forest Press.

Dhiman, A. K., & Rani, Y. (2005). Learn-classification-theory. Ess Ess Publications, New Delhi.

Ranganathan, S. R. (1937). Prolegomena to library classification. Madras: The Madras Library Association.

Ranganathan, S. R. (1939). Colon classification (Rev. ed.). Madras: The Madras Library Association.

Satija, M. P., & Comaromi, J. P. (1998). Exercises in the 21st edition of the Dewey decimal classification. Delhi: Sterling Publishers Pvt. Ltd.

Scott, M. L. (1998). Dewey decimal classification, 21st edition: A study manual and number building guide. Englewood, Colorado Libraries Unlimited.

(B) Advanced Cataloging theory

(वृहत् सूचीकरण सिद्वांत)

1- Detailed and comparative study of Classified Catalogue Code with additional rules for the Dictionary Catalogue Code and Anglo American Cataloguing Rules 'II' Particularly rules concerning corporate author headings, composite and multi- volumes books, periodical and serial publication.

2- Alphabetisation and problems. Annotative Cataloguing problems in research and technical Libraries.

3- Layout and rules for the entries of abstracting and indexing periodicals Including Layout for catalogue code. Union Catalogue.

4- Subject cataloguing- use of standard subject heading lists. Viz library of Congress Subject Heading List. Chain procedure.

5- Selective cataloguing . Centralised and Co-operative cataloguing (national and Regional). Current practices in UK., U.S.A. and Indian .

6- Cataloguing of Special material such as maps micro films, Phonographs, record , films. ect.

7- International Cataloguing Standouble, and Meladata, MARC 21, Duslin core.

Recommended books

Anglo-American Library Association, & Canadian Library Association. (2002). Anglo-American cataloguing rules (2nd ed., 2002 revision). Chicago: American Library Association.

Gorman, M. (2003). The concise AACR2 (4th ed.). London: Facet Publishing.

Kumar, K. (2001). An introduction to cataloguing practice (3rd ed.). New Delhi: Vikas Publishing House.

Ranganathan, S. R. (1950). Heading and canons. Madras: Madras Library Association.

Viswanathan, C. G. (1990). Cataloguing: Theory and practice. New Delhi: Ess Ess Publications.

Wynar, B. S., & Taylor, A. G. (2004). Introduction to cataloging and classification (9th ed.). Westport, Connecticut: Libraries Unlimited.

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प्रथम सत्र

IAPC-01 : **Advanced Cataloguing**
(वृहत् पुस्तकालय सूचीकरण प्रायोगिक)

पूर्णांक-=100 क्रेडिट-06

The pattern and structure of the paper will be as follows:-

05 titles are to be catalogued

- First 2 titles according to CCC [Ranganathan, S. R., & Neelameghan, A. (1964). Classified catalogue code: With additional rules for dictionary catalogue code (5th ed.). New York: Asia Publishing House].
- Next 2titles according to AACR-2R [Anglo-American Cataloguing Rules (2nd ed., 1988 revision). (1988). Ottawa: Canadian Library Association].
- Last 5th title to be catalogued either by CCC or AACR-2R.

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द्वितीय सत्र

DSCC-03 - Research Methodology & Basic Statistics

पूर्णांक- 75+25(आतंरिक मूल्यांकन)=100 क्रेडिट-04

Research	:	Definition, need, purpose, types and Characteristics of research and its Importance.
Research design	:	Definition and types of research design.
Research methods	:	Historical, experimental survey, observation, Case study Tools for data collection: Questionnaire, interview, schedule, Checklist, rating scales.
Statistical techniques	:	Nature and scope of statistics, its limitation; Primary/secondary (mean, median, mode)
Presentation of data	:	Tabular, graphic, bar diagram, pie chary etc; Bibliographic standards Report Writing.
Bibliometrics	:	Origin, biblimetric distribution laws (Zipf, informetrics, scientometrics.

Recommended Books

Busha, C. H., & Harter, S. P. (1980). Research methods in librarianship: Techniques and interpretations. New York: Academic Press.

Dhiman, A. K. (2015). Bibliometric studies in ethnobotany. New Delhi: SSDN Publishers & Distributors.

Dhiman, A. K. (2015). Research methodology: Basics of research methods, tools and techniques. New Delhi: Avon Publications.

Dhiman, A. K. (2018). Basics of research methodology. New Delhi: S. K. Book Agency.

Ghosh, B. N. (1982). Scientific methods and social research. Delhi: Sterling Publishers.

Goode, W. J., & Hatt, P. K. (1952). Methods in social research. New York: McGraw-Hill.

Hood, W. W., & Wilson, C. S. (2001). The literature of bibliometrics, scientometrics, and informetrics. Scientometrics.

Kumar, P. S. G. (1992). Research methods in library and information science. New Delhi: B. R. Publishing Corporation.

Young, P. V. (1982). Scientific social survey and research. Delhi: Prentice-Hall of India.

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द्वितीय सत्र

DSCC-04 - **Information Sources in**

(A) Natural Science
(B) Social Science
(C) Humanities

(उपरोक्त तीनों में से किसी एक विकल्प का चयन करें)

पूर्णांक- 75+25(आतंरिक मूल्यांकन)=100

क्रेडिट-04

Information Sources in

(A) Natural Science

Scope of the Subject
Brief survey of the contributions made by the following Natural Scientists. Galicli Galilco, Archimedes. William Harvey, K Sir Issac. Netwton , Cherles Darwin, Louis Pasteur, George, johan,Mendal, Michael. Faraday. Madam Maric Curie .J.J. Thomoson.
Albert Einstein Alexander Flemming. V. Raman, J.C. Bose. H.J. Bhabha, Hargobind Khurana.
Developments, Problems and research trends in major disciplienes in the natural sciences. Physical and biological sciences.
Role of different types of Primary documents in the growth and Development of natural sciences as disciplines.
Evaluation of the following secondary sources of information.
Biological Abstracts.
Chemical Abstracts.
Indian Science Abstracts.
Excerpa Medica
ANIS Atom Index.
Disdertation Abstracts International.
Zoological Records
McGraw Hill Encyclopedia of Science and Technology.
McGraw Hill Dictionary of Science and Technology.
McGraw Hill Year Book of Science and Technology.
Brief survey of activities of the following research institutions and

Professional organizations of India in the growth and development of Natural science disciplienes.
Council of Scientific and Industrial Research (CSIR) Delhi.
Indian Association for Cultivation of Science (IACS). Calcutta.
National Chemical Laboratory (NCL), Pune.
National Physical Laboratory of Indian (NPL), Delhi.
Deference Research and Development Organisation (DRDO) Delhi.
Indian National Science Academy (INSA),Delhi.
Botanical Survey of India (BSI) .
Zoological Survey of India (BAI).
National Institute of Science Communication and Information Resources (NISCAIR).
All India Instiute of Medical Science (AIIMS),Delhi.

Recommended Books

Bopp, R. E., & Smith, L. C. (Eds.). (2011). Reference and information services: An introduction (4th ed.). Santa Barbara, CA: Libraries Unlimited.

Katz, W. A. (1992). Introduction to reference work: Vol. 1. Basic information sources (6th ed.). New York: McGraw-Hill.

Grogan, D. (1992). Science and technology: An introduction to the literature (4th ed.). London: Library Association Publishing.

Subramanyam, K. (1981). Scientific and technical information resources. New York: Marcel Dekker.

Woods, A. (1973). Information sources in science and technology. London: Butterworths.

(B) Information Sources in Social Science

-Scope of the Subject.
Brier Survey of the contribution made by the following Social Scientists. Kautilya , Adam Smaith Alfred Marshal, J.M. Keynes, Plato Aristotle Thomas Acauinas. Machiavelli, M.k. Gandhi, Max Weber , emile Dhurkheim. August Compte , Karl Marx. Thomas Robert Mathus, Herodtus, Max Muller.
-Development, Problems and Research Trends in major disciplines in the Scial Sciences. Economics. History Political Science and Sociology.

-Role of Different types of Primary documents in the growth and Development of Social Sciences as disciplines.
Evaluation of the following Secondary Sources of Information:-
-International Encyclopedia of Social Science.
Social Sciences Index, New York.
International Bibliography of Social and Cultural Anthropology, London .
International of Political Science, London, International Bibliogrphy of Economics, London. Bulletin of the public Affairs Information Service (PAIS), New York.
Economic Abstracts. The Hague.
International Political Science Abstracts London.
Sociological Abstracts Oxford.
Distorical Abstract International.
The Times Atlas of World History.
World Handbook of Social and Political Indicators.
-Brief Survey of the Activities of the following research institutions and Professional organization of India in the growth and development of Social science disciplines-
Indian Council of social Science Research, (ISSSR) , Delhi.
Indian Council of World Affairs (ICWA) , Delhi.
National Council of Historical Research (ICHR), Delhi.
National Council of Educational Research and Training (NCERT),Delhi.
Institute of Constitutional and Parliamentary Studies, Delhi.
Indian Institute of Public Administration, (IIPA), Delhi.
G.B. pant Social Science Institute, Allahabad.
Indian Council of Cultural Relations, (ICCR), Delhi.
Gokhale Institute of Politics and Economics, Pune.
Tate Institute of Social Sciences, Bombay.
Socio- Economic Research Institute, Calcutta.
Delhi School of Economics, Delhi.
Central Arid Zone Research Institute (CAZRI) Jodhpur.

Recommended Books

Grogan, D. (1992). Science and technology: An introduction to the literature (4th ed.). London: Library Association Publishing.
Katz, W. A. (1992). Introduction to reference work: Vol. 1. Basic information sources (6th ed.). New York: McGraw-Hill.
Kumar, K. (1987). Reference service (3rd ed.). New Delhi: Vikas Publishing House.

Walford, A. J. (1990). Walford's guide to reference material: Vol. 2. Social and historical sciences (5th ed.). London: Library Association Publishing.

Webb, W. H. (Ed.). (1986). Sources of information in the social sciences: A guide to the literature (3rd ed.). Chicago: American Library Association.

(C) Humanities

Scope of Subject.

-Brief survey of the important contributions in various disciplines.

-Development, problems and research trends in various major disciplines in Humanities : Religion Philosophy, Fine Arts and Literature.

-Role of different types to Primary documents in the growth Development of the humanities as disciplines.

-Evaluation of secondary sources of Information.

-Brief survey of the activities of research institution and professional organizations in the growth and development of the humanities as disciplines, with particular reference to India, Uk and USA.

Recommended Books

Balay, R. (Ed.). (1996). Guide to reference books (11th ed.). Chicago: American Library Association.

Grogan, D. (1992). Science and technology: An introduction to the literature (4th ed.). London: Library Association Publishing.

Katz, W. A. (1992). Introduction to reference work: Vol. 1. Basic information sources (6th ed.). New York: McGraw-Hill.

Walford, A. J. (1990). Walford's guide to reference material: Vol. 3. Generalia, language and literature, the arts (5th ed.). London: Library Association Publishing.

Webb, W. H. (Ed.). (1986). Sources of information in the social sciences: A guide to the literature (3rd ed.). Chicago: American Library Association.

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द्वितीय सत्र

DSE-03 - **(A) Academic libraries**
(B) Special Libraries

पूर्णांक- 75+25(आंतरिक मूल्यांकन)=100 क्रेडिट-04

(A) Academic libraries

1. Academic Libraries : Its Types and Growth & Development with special reference to India.
2. Libraries Government: Authority, library Committee and relation of librarian with the authority
3. Library Finance : Sources of income, Budgetary procedure.
   Library administration: Principle of administration duties of administrative heads. Departmental or Divistional organization Staff manual.
4. Library Personnel: Nature and size of staff, Qualification, Selection and professional development of staff. Method of measurement of staff effectiveness salary and status of library staff.
5. Building Library Collection: Selection, acquistition and organization of reading material- Books, periodicals. Non-book material.
6. Library services, promotion of Reading, Reference and information services, circulation and photocopying service compliation of bibliography.
7. Library Building: Basic elements in the design of Library building Planning team, role of Librarian in Planning the building.
8. Resources Sharing: objectives, Organization Implications of INFLIBNET.
9. UGC: Its Role in the development of University and College Libraries.
10. Introduction of Manuscript: kinds of manuscript, preservation, techniques of manuscript, techniquies of record keeping.

Recommended Books

Dhiman, A. K. (2024). Pustakalay prabandhan. Agra: Current Publication.

Dhiman, A. K. (2026). Vidyalaya pustakalaya. Agra: Current Publication.
Johnson, P. (2018). Fundamentals of collection development and management (4th ed.). Chicago: ALA Editions.
Kumar, P. S. G. (2008). Archival librarianship: MLISc elective paper. New Delhi: B. R. Publishing Corporation.
Lyle, G. R. (1967). The administration of the college library. New York: H. W. Wilson.
Metcalf, K. D. (1965). Planning academic and research library buildings. New York: McGraw-Hill Book Company.
Murthy, R. S. S. (1996). Introduction to manuscriptology. New Delhi: Sharada Publishing House.
Ranganathan, S. R. (1973). New education and school library: Experience of half century. Delhi: Vikas Publishing House.
Sinha, S. C., & Dhiman, A. K. (2002). Academic libraries. New Delhi: Ess Ess Publications.
Weiner, S. G. (2005). The history of academic libraries in the United States: A review of the literature. Chicago: Association of College and Research Libraries.

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(B) Special Libraries

1. Role of soientific and technical libraries. Relationship with parent organization.
2. Types and functions of special libraries: Government, research industrial and commercial libraries.
3. Evolution of scientific and technical libraries in India, U. k. & U. S. A. of library of standards their use and effectiveness.
4. Library personnel: Nature. Size qualification selection Professional development responsibilities and duties of staff
5. Building Library Collection: Book selection acquisition policy and procedures of non- books and other documents.
6. Library services builetins etc. utilization of international, national and local sources of information.
7. Library building: Planning Basic elements in the design of livrary building furniture and fittings.
8. Study of Research report, Standards, Patents, etc.

Recommended Books

Ashworth, W. (1979). Special librarianship (3rd ed.). London: Cliv Bingley.

Bunch, A. (1984). The basics of information work. London: Clive Bingley

Dhiman, A. K. (2005). Learn: Information and reference sources and services. New Delhi: Ess Ess Publications.

Dhiman, A. K. (2008). Handbook of special libraries and librarianship. New Delhi: Ess Ess Publications.

Mount, E. (1983). Special libraries and information centers: An introductory text. Washington, DC: Special Libraries Association.

Sharma, B. K., Sharma, H., & Sharma, G. B. (2020). Vishisth pustakalaya pranali. New Delhi: University Publications.

White, H. S. (1984). Special libraries: A guide for management. New York: Knowledge Industry Publications.

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DSE-04 - **Classification Practice**

पूर्णांक- 75+25(आतंरिक मूल्यांकन)=100 क्रेडिट-04

Classification Practice

Classification of Books monographs and articles by Dewey Decimal Calassification Scheme – 21st edition and Universal Decimal Classification 3rd Abriged Edition.

Note : - The pattern and structure of paper VI(a) will be as follows:

10 title out of 15 titles to be classified according to DDC and UDC.

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IAPC-02 - **Dissertation+ Viva-Voce**

पूर्णांक- 100 क्रेडिट-06

The topic of dissertation will be alloted in the first semester; however, the student will submit and give viva in second semester.