GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR (C.G.)
(A Central University)

Pre Ph D Course Work in Library and Information Science

One Semester (06 Months)

Credits Based
Scheme of Examination w.e.f. Session: 2021-2022 Onwards

PROGRAMME OUTCOMES

Ph. D Students will be able to :

PO-1: Able to apply advanced research methods, including the use of different methods in Library and information science.

PO-2: The library and information science curriculum offers a number of practical exposures which equips the students to face the research challenges in library and information science After completing Ph.D. program

PO-3: This course improves the standards of research..

PO-4: The objective of the course is to introduce students to research skills and specialize in a relevant to their research interests.

PO-5: To give students the opportunity to acquire or develop skills and expertise a comprehensive understanding of techniques and a thorough knowledge of the literature which applicable to their own research.

PO-6: To demonstrate originality in the application of knowledge together with a practical understanding of how research and enquiry are used to create and interpret knowledge in their field.

PO-7: Each student is required to make a seminar presentation on any chosen topic connected with the field of specialization. Preparation and presentation of a seminar is intended to investigate an in-depth review of literature and develop confidence to present the material by the student.

PROGRAMME SPECIFIC OUTCOMES

PSO-1: Develops the ability to critically evaluate his current research topic, research techniques and Methodologies.

PSO-2: Develops to independently asses and evaluate research methods and results.

PSO-3: Students will be able to publish research articles in reputed journals.

Paper	Title	Credits	Total Marks	Pass Marks*
I	Research Methodology and Computer Applications	04	100	40
II	Areas of Advanced Studies(Elective) (a) Contemporary Practices in Library and Information Science (b) Information and Knowledge Society (c) Information Literacy Applications	04	100	40
III	Survey of Literature and Seminar	04	100	50
	Grand Total	12	300	130

*Minimum pass marks shall be 55% in aggregate

Paper- I
Research Methodology and Computer Applications
4 Credits (100 Marks)

Course Outcomes :

CO1 : Understand publication ethics, including the importance of best practices and standards, identification of publication misconduct, and the impact of conflicts of interest on research.

CO2 : Develop critical thinking and problem-solving skills in conducting research, including the ability to identify research gaps and formulate research questions, design research studies, and Analyze and interpret data.

CO3 : To provide an introduction to the foundations of research, including its meaning, objectives, motivation, and utility.

CO4 : Demonstrate employability skills and a commitment to professionalism.

CO5 : Operate a variety of advanced spreadsheet, operating system and word processing functions.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
CO1	3	2	3	2	3	3	2	3	2	3
CO2	3	3	2	3	3	2	3	3	3	3
CO3	2	3	3	3	2	3	3	2	3	2
CO4	3	2	3	3	3	3	3	3	3	3
CO5	3	3	3	3	3	3	2	3	2	3

- Characteristics of Research

- Types of Research

- Research Design

- Review of Literature

- Hypothesis

- Data Collection

- Data Analysis Tools

- Methods of Research

- Research Reporting

- Computer Basics

- Word Processor

- Library Software

- Study of Electronic Resources

- Statistical Techniques

Paper II (Elective)

(a) Contemporary Practices in Library and Information Science

4 Credits (100 Marks)

Course Outcomes:

CO1: Understand the classification and main and added entries of library catalogue.

CO2 : Understand about the Use of ICT.

CO3 : Comprehend the nature and functions of various information systems and networks.

CO4 : Library housekeeping operations using library management software Competency developed

CO5 : Application of flat database and relational database in library management.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
CO1	3	3	3	3	2	3	3	2	3	2
CO2	3	3	2	3	3	2	3	3	3	2
CO3	2	3	3	3	3	3	3	2	3	3
CO4	3	3	3	2	3	3	2	3	3	3
CO5	3	2	3	3	3	2	3	2	3	2

- Library Classification
- Cataloguing
- Library Networking
- Digital Information Resources
- Information Marketing : Products and Services
- Total Quality Management
- Use of ICT
- Digital Library Services
- Relational Database Management System
- User Studies
- User Education
- Library Science Education

Paper II (Elective)

(b) Information and Knowledge Society

4 Credits (100 Marks)

Course Outcomes:

CO1: know the related terms to Information such as News, Data, Knowledge and Wisdom and explain the difference which exists between these concepts and the fact that they can not be used interchangeably;.

CO2 : know the meaning of the concept 'Information Society' and the main factors which contribute to its formation

CO3 : explain the 'Information Transfer Chain' and the different groups (stake holders) involved in the transfer process

CO4 : explain as to what constitutes Knowledge-based Society and its criteria and chief characteristics.

CO5 : comprehend the importance of Information and its social impact.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
CO1	3	3	3	3	2	3	3	3	3	2
CO2	3	3	2	3	3	2	3	2	3	3
CO3	3	3	2	2	3	3	3	3	2	3
CO4	3	2	3	3	3	3	3	2	3	2
CO5	2	3	3	3	3	2	3	2	3	3

- Information Society V/s Knowledge Society

- Data, Information and Knowledge

- Theories and Models of Communication

- Information Studies

- Knowledge Management

- Economics of Information

- E-Commerce and E-Governance

- Intellectual Property Rights

- Laws related to Information

- Information security

- Social Media and in Knowledge Society

- Digital Divide

<center>**Paper II (Elective)**</center>

<center>**(c)   Information Literacy Applications**</center>

<center>**4 Credits (100 Marks)**</center>

Course Outcomes:
CO1 To develop information literacy skills in learners.
CO2 To help information professionals to develop, assess and improve their
    information literacy Programmes.
CO3 : Creating skills and working abilities with information sources.
CO4 : Creating a thinking style that is appropriate to the demands of the contemporary
    information society expressed by information access capacity, analysis of the
    information environment and development of alternative information systems.
CO5 : To help become independent learners.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
CO1	3	2	3	3	2	3	3	2	3	3
CO2	3	3	2	3	3	2	3	2	3	3
CO3	3	3	2	2	3	3	2	3	2	3
CO4	2	3	3	3	3	3	3	2	3	2
CO5	2	3	2	3	2	3	3	3	3	3

- Fundamentals of Information Literacy

- Information Literacy Programs

- Methodology of Information Literacy

- Information Literacy for users

- Trends in Information Literacy

- Information Seeking Behavior

- Models of Information Literacy

- Information Literacy Standards

- Information Literacy Guidelines

- Media Literacy

- Digital Literacy

Paper III

Survey of Literature and Seminar

4 Credits (100 Marks*)

Course Outcomes:
CO1: To learn to review and assess scientific literature critically.
CO2: To write and present an overview of the relevant literature for a specific research topic.
CO3 : learn to identify the most relevant textbooks, reviews, papers and journals for their research topics.

CO4 : learn how to critically read and assess research papers and reviews.

CO5 : Enhanced the skill of research through seminar / Presentation.

CO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PSO1	PSO2	PSO3
CO1	3	3	3	3	3	2	3	3	2	3
CO2	3	3	3	3	3	2	3	2	3	2
CO3	3	2	3	2	3	3	2	3	3	3
CO4	3	3	3	3	3	3	2	3	2	3
CO5	2	3	3	2	3	3	3	3	3	3

This is a non-lecture based paper

This paper is related to major areas of research in the field of library and information science. Every research scholar has to prepare and submit one report writing on reflection of the research area related to the topics given below or as suggested by the DRC of approximately 5000 words, The report writing will be evaluated by the RAC/DRC-

- Library Automation
- Digital Libraries
- Human Resource Development
- Library Consortium
- Web Based Library Services
- Information Analysis, Consolidation and Repackaging
- Information Marketing
- Information Sources
- Information Services
- Collection Development
- Bibliometrics
- Preservation and Conservation Library Materials
- Library Networking
- Resources Sharing
- Institutional Repository
- Open source Library Software
- Metadata
- Common Gateway Interface
- Information Retrieval in Libraries
- Digitization etc…

*Evaluation Criteria and Distribution of marks:

(a) Concept Note including the formulation of objectives and hypothesis-	30
(b) Review of Literature-	30
(c) Justification of scope-	10
(d) Presentation skill including ability to answer the questions-	20
(e) Resources used –	10
Total =	100