RIMT UNIVERSITY

MANDI GOBINDGARH, PUNJAB

Study Scheme & Syllabus

For

Syllabus Scheme
For

Ph.D
Course Work

For the Session January 2020 onwards…

RIMT UNIVERSITY

MANDI GOBINDGARH, PUNJAB

VISION

To become one of the most preferred learning places and a centre of excellence to promote and nurture future leaders who would facilitate the desired change in the society.

MISSION

- To impart teaching and learning through cutting-edge technologies supported by the world class infrastructure
- To empower and transform young minds into capable leaders and responsible citizens of India instilled with high ethical and moral values.
- To develop human potential to its fullest extent and make them emerge as world class leaders in their professions and enthuse them towards their social responsibilities.

ABOUT THE PROGRAM

The program will develop the candidate's independent and reflective knowledge and skills for his/her own research and others as well as the role of research in a broader context. A candidate will achieve the following course outcomes in terms of knowledge, skills, and general competencies, after completing the Ph.D. program.

PROGRAM LAW OBJECTIVES

PEO1	To acquaint students with the concept of research and to develop an understanding of the nature and scope of research in respect.
PEO2	Students will be equipped with skills to undertake research work
PEO3	To develop an understanding of the basic framework of the research process and publications
PE04	To develop the capacity to serve the various higher academic institutions like Colleges, Universities, and National Research Institutes in various fields of apex academic research

Program Outcomes for Ph.D.

PO 1	Understanding different research methods, Equipping scholars with relevant tools and techniques, Data collection and analysis by using statistical measures, use of conceptual understanding in practical research work, and writing a research report.
PO 2	To identify and critically evaluate research and publication of ethical issues within the area of teacher education
PO 3	Enhance the analytical and interpretation skills of data, Scholars are well trained in using statistical measures, and software- SPSS; MS EXCEL, etc.
PO 4	Use ICT in research perspective, design and develop ICT integrated learning resources, analysis, and interpretation of the research data with the help of ICT.
PO 5	Apply critical, analytical, and communication skills in developing professional presentations and writing.
PO 6	To access and extract the desired information from the different scientific databases and resources
PO 7	Develop the analytical and reflective skills for resolving the critical educational issues
PO 8	Students will be acquainted with the statistical techniques in research

PROGRAM SPECIFIC OUTCOMES

PSO 1	To bring together theory and research from law and other related disciplines to facilitate effective teaching and learning.
PSO 2	To develop an understanding and appreciation for the various kinds of research as well as their aspects.
PSO 3	To disseminate legal research at recognized national and international level

Program: Ph.D. Course Work

M.Phil/ Ph.D Programme in Management

Course Work w.e.f. the January 2020 session onwards…

Name & Code of the Courses		**Contact Hours/ week**			**Credits**	**Evaluation Scheme (%age of total….)**					**Exam duration (hrs.)**
Code	**Title**	**L**	**T**	**P**		**CWA**	**LWA**	**MTE**	**ETE**	**Total**	
RMS 5 011	Research Methodology & Statistical Techniques	5	0	0	5	16	-	24	60	100	3
CAR 50 2M	Computer Applications in Research	3	0	0	3	16	-	24	60	100	1:30
LAW503M	Contemporary Social Legal Issues	4	0	0	4	16	-	24	60	100	3
MRP 5 04M	Mini Research Project/ Review of Literature	0	0	4	2	-	-	-	-	100	Evaluation through presentation
RPE 5 05M	Research & Publication Ethics	2	0	0	2	16	-	24	60	100	1:30
TOTAL					**16**						

Subjects Offer: (Opt any two)

Core Stream	Subject Name	Subject Code
LAW	Contemporary Social Legal Issues	LAW-503M

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Course Name: Research Methodology & Statistical Techniques

Course Code: RMS 5011

Course Objectives

a) To familiarize participants with the basics of research and the research process.
b) To enable the participants in conducting research work and formulating a research synopsis and report.
c) To impart knowledge for enabling students to develop data analytics skills and meaningful interpretation of the data sets to solve the business/Research problem.

Unit-I

Introduction to Research Methodology: Meaning, nature, and scope; types of research, and research process. *Problem Definition:* Research problem; the necessity of defining the problem; techniques involved in defining a problem; review of literature and identification of research gaps.

Research Design: Meaning of research design; need for research design; features of a good design; important concepts relating to research design; and different research designs.

Sampling Design: Census and sample survey; steps in sampling design; criteria of selecting a sampling; characteristics of a good sample design; different types of sample designs; and random sampling design.

Unit-II

Measurement and Scaling Techniques: Sources of error in measurement; tests of sound measurement; and important scaling techniques.

Data Collection: Collection of primary data; observation method; interview method; a collection of data through questionnaires; collection of data through schedules; latest advances in methods of data collection; collection of secondary data; the case study method.

Data Analysis-I: *Descriptive Statistics Analysis* covering measures of central tendency, dispersion and asymmetry; measures of relationship using regression, correlation, and association (in case of attributes). *Inference Statistics Analysis covering* sampling theory, concept of standard error, and the problem of estimation of a sample size.

Unit-III

Data Analysis-II: Testing of hypotheses covering basic concepts, procedure for hypothesis testing, tests of hypotheses, tests of significance for large samples and small samples, students t-distribution, properties, and t-distributions and the t-levels applications of the t-distribution, chi-square test and goodness of fit, F-test and Z test, analysis of variance, non-parametric test, The Mann – Whitney test, Krushal-Wallias test. *Multivariate Regression Analysis:* econometric model formulation, estimation, testing and interpretation.

Unit-IV

Research Tools: *MS-Excel*, covering broad structure, features, data /file handling, formulae /functions and brief review of utilities of the package. *Statistical/Econometric Package* covering structure of package, data and file handling utilities and analysis utilities of the package.

Interpretation and Report Writing: Technique of Interpretation: Different Steps in Writing Report.

Course Outcomes: On completion of this course, the student will be:

CO1	**RMEL 701.1**	Develop an understanding about various kinds of research, objectives of doing research, research process, research design, and sampling.
CO2	**RMEL 701.2**	Have a basic knowledge of qualitative research techniques.
CO3	**RMEL 701.3**	Acquire an adequate knowledge of measurement and scaling techniques as well as the quantitative data analysis.
CO4	**RMEL 701.4**	Get a basic awareness of data analysis and hypothesis testing procedures.

Recommended books:

1. Kothari, C.R., *Research Methodology: Methods and Techniques*, New Age International Publishers, New Delhi, 2010.
2. Garrett Henery E., *Statistics in Psychology and Education*, Longmans, Green, And Co., 1958.
3. Fisher, R.A., *Statistical Methods for Research Workers*, Springer-Verlag New York, Inc. 1992.
4. Gupta, S.P, *Statistical Methods*, Sultan Chand &Sons, New Delhi, 2019.
5. Allen, R.G.D., *Statistics for Economists*. London (Hutchinson), 1949.
6. Blair, Morris M. *Elementary Statistics*, Henry Holt and Co., 1944

7. Smith and Smith, *Business and Economic Statistics*, South Western publishing co., 1996.

Ph.D. Course Work

Course Name: Computer Applications in Research

Course Code: CAR 502M

Sr. No	Contents
Unit I	**Computer Fundamentals:** Data and Information, Characteristics of Computers, Various fields of application of Computers, Input-output Devices (Hardware, Software, Human ware and Firmware), Advantages and Limitations of Computer, Block Diagram of Computer, Function of Different Units of Computer, Classification of Computers. Types of Software, Application software and system software. Introduction to Operating System.
Unit II	**Word Processor:** Various aids useful for thesis writing, adding references to documents, citing a citation in text, macros, hyperlinks, mail-merge etc. **Power Point Presentations:** PowerPoint, Features of MS PowerPoint Clipping, Design layouts, hyperlinks, tables, insertion of multi-media files, Slide Animation, Slide Shows, Formatting etc. Case study. **MS-Excel:** Introduction to Electronic Spreadsheets, Feature of MS-Excel, Entering Data, Entering Series, Editing Data, Cell Referencing, ranges, Formulae, Functions, Auto Sum, Copying Formula, Formatting Data, Creating Charts, Statistical functions, Sorting Data, Filtering etc.
Unit III	**Internet and applications of IT:** Program Vs Software, Software Engineering, SDLC, DBMS, Data Models, DFD, Specification Tool: SMARTDRAW. Case Study on DFD.
Unit IV	**Latest trends in Computing:** Cloud computing, Data mining, Data Warehousing, Object Oriented Relational Database Management, Object Oriented Relational Database Management System, Distributed databases Concept, Three tier Client/ Server Architecture, Digital Image Processing, etc.

Course Outcomes: On completion of this course, the student will be:

CO1	**FCOL 701.1**	Present the graphical representations of data
CO2	**FCOL 701.2**	Make use of applications of MS Office
CO3	**FCOL 701.3**	Learn the functional units and classify types of computers, how they process information and how individual computers interact with other computing

		systems and devices

Recommended books:

1. Pardeep K. Sinha, Priti Sinha, Computer Fundamentals, BPB Publications.
2. Rajaraman, V., Fundamental of Computers. Prentice Hall India, New Delhi.
3. R. S. Salaria, Fundamentals of Computers, Salaria Publishing House

Ph.D. Course Work

Course Name: Contemporary Social Legal Issues

Course Code: LAW 503M

Objectives: The objectives of the subject 'Contemporary Social Legal Issues' are as follows:

1. To understand the challenges facing by the law making agencies.
2. To evaluate the different phases of the social, moral, legal issues.
3. To understand the comparative study of different cotemporary legal issues.
4. To critically evaluate the role of law making agencies.
5. To study the different social issues which are faced by the human beings

UNIT–I

Abolition of Adultery
Divorce
Triple Talaq
Dowry System

UNIT–II

Death Penalty
Gender Based discrimination
Migration
Honor Killing

UNIT–III

Acid Attack
Drug Addiction
Women Trafficking & Prostitution
Surrogacy
Euthanasia

UNIT–IV

Reservation Policy in India
Criminalization of Politics
Judicial Review

Victim Compensation
Nyaya Panchayaths

Course Outcomes: On completion of this course, the student will be:

CO1	LAW503M.1	To impart fundamental concept relating to substantive law
CO2	LAW503M.2	To have knowledge of procedural laws
CO3	LAW503M.3	To study about different subjects like custodial death, protection of the refugees in India
CO4	LAW503M.4	To understand the concept of offences against the women and children and their human rights

References:

1. M.P.Jain: Indian Constitutional Law, 2021
2. Tope: Constitutional Law, 2018
3. H.M.Seervai: Constitution of India: A Critical Commentary, 2021
4. Dr.R.K.Chaubey: An Introduction to Cyber Crime and Cyber Law, 2019
5. Indra Jaising: Handbook on Law of Domestic Violence, 2020
6. K.D.Gaur: Criminal Law, Criminology and Administration of Criminal Justice, 2021
7. Dr.R.K.Chaubey: An Introduction to Cyber Crime and Cyber Law, 2016
8. Subhash Chandra, Social Justice and Human Rights in India, 2012
9. Shashank Garg, Ajit Prakash ShahAlternative Dispute Resolution: The Indian Perspective, 2000
10. Neelam Tyagi, Women, Matrimonial Litigation and Alternative Dispute Resolution (ADR): Transforming Indian Justice Delivery System for Achieving Gender Justice
11. Flavia Agnes, Law and gender inequality, 2001
12. J C Aggarwal, Development of Education System in India, 2014
13. Krishna kumar, Education in India: Debates, Practices, and Policies
14. Mohita Junnarkar and Sanjeev P. Sahni, the Death Penalty: Perspectives from India and Beyond
15. veena talwar, Dowry Murder: The Imperial Origins of a Cultural Crime,1999
16. Debarati Halder and Karuppannan Jaishankar, Cyber Crimes against Women in India, 2012
17. Talat Fatima, Cyber Law in India, 2017
18. Salman Khurshid, Triple Talaq: Examining Faith

Ph.D. Course Work

Course Name: **Research Project/ Term Paper**

Course Code: **MRP 504 M**

Each student enrolled for Ph.D. will have to undertake atleast two credit of Research Project/ Term Paper. The topic of the Research Project/ Term Paper will be given by the committee of faculty of the department with the approval of Head of the department. Student will make presentation on the assigned topic in front of all the faculty members and following criteria will be used to assess the performance of the students:

Criteria for assessment of Essay:

The faculty members of the department will evaluate the presentation of the students using the following criteria:

	Definition and Methodology	Literature review/ Conceptual Framework	Findings and Conclusion	Presentation and Communication of Ideas	Questions-answers	Report File
Marks	15	15	15	15	15	25

Averages of all the marks awarded by the faculty members will be utilized to final assess the performance of students.

Ph.D. Course Work
Course Name: Research Publications & Ethics

Course Code: RPE 505 M

THEORY:

- **RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**

1. Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of moral judgments and reactions

- **RPE 02: SCIENTIFIC CONDUCT (5 hrs.)**

1. Ethics with respect to Science and Research
2. Intellectual honesty and research integrity
3. Scientific Misconducts: Falsification, Fabrication and Plagiarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

- **RPE 03: PUBLICATION ETHICS (7 hrs.)**

1. Publication ethics: definition, introduction and importance
2. Best practices/ standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
5. Violation of publication ethics, authorship and contributorship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE:

- **RPE 04: OPEN ACCESS PUBLISHING (4 hrs.)**

1. Open access publications and initiatives
2. SHERPA/ ROMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU

4. Journal finder/ journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

- **RPE 05: PUBLICATION MISCONDUCT (4 hrs.)**

A. Group Discussions (2 hrs.)
   1. Subject specific ethical issues, FFP, authorship
   2. Conflicts of interest
   3. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2 hrs.)
   Use of plagiarism software like Turnitin, Urkund and other open source software tools

- **RPE 06: DATA BASES AND RESEARCH METRICS (7 hrs.)**

A. Databases (4 hrs.)
   1. Indexing databases
   2. Citation databases: Web of Science, Scopus, etc.

B. Research Metrics (3 hrs.)
   1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
   2. Metrics: h-index, g-index, i10index, altmetrics

Course Outcomes: On completion of this course, the student will be:

CO1	**RPE505M.1**	To identify research misconduct and predatory publications.
CO2	**RPE505M.2**	To understand the philosophy of science and ethics, research integrity and publication ethics
CO3	**RPE505M.3**	To identify research misconduct and predatory publications.To understand the usage of plagiarism tools.
CO4	**RPE505M.4**	To understand indexing and citation databases, open access publications, research metrics (citations, h-index, impact Factor, etc.)

SUGGESTED READINGS:

- The Ethics of Teaching and Scientific Research By Miro Todorovich; Paul Kurtz; Sidney Hook.
- Research Ethics: A Psychological Approach By Barbara H. Stanley; Joan E. Sieber; Gary B. Melton
- Research Methods in Applied Settings: An Integrated Approach to Design and Analysis

By Jeffrey A. Gliner; George A. Morgan Lawrence Erlbaum Associates, 2000

- Ethics and Values in Industrial-Organizational Psychology By Joel LefkowitzLawrence Erlbaum Associates, 2003.
- Robin Levin Penslar, Research Ethics: Cases and Materials, Indiana University Press
- Chowdhary, N., & Hussain, S. (2021). Handbook of Research and Publication Ethics. Bharti Publications: New Delhi.