



UNIVERSITY SCHOOL OF MANAGEMENT STUDIES  
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY  
DWARKA, SECTOR 16-C, DELHI 110078

Ref: GGSIPU/USMS/Ph.D/BOS/2020-21/

Date: 12<sup>th</sup> October 2021

MINUTES OF THE MEETING

A meeting of Board of Studies of the School was held on 12<sup>th</sup> October 2021 at 4.00 pm in the online mode (ggsipu.webex.com).

The following members attended the meeting.

1. Prof Anil Kumar Saini (Chairperson)
2. Prof Neena Sinha (Member)
3. Prof Udit Taneja (Member)
4. Prof Meenakshi Handa (Member)
5. Prof Vijita S Aggarwal (Member)
6. Prof Puja Khatri (Member)
7. Prof. Sanjay Dhingra (Member)
8. Dr/ Gagandeep Sharma
9. Mr Amit Sharma (Member)
10. Ms Bharti (Member)
11. Dr N Malati (Member)
12. Dr Shamsheer Singh (Member)
13. Dr C Jayakumar (Member)
14. Mr Amit Gupta (Member)

The following members could not attend the meeting:

1. Prof Shalini Garg (Member) – On CC leave
2. Dr D P Goyal (Member)
3. Dr Kavita Singh (Member)
4. Mr. Sukhjot S Pasricha (Member)

The following agenda was transacted and decisions taken.

**Item-1:** Confirmation of the minutes of BOS held by circulation on 16/3/2021.

The minutes of the meeting of the Board of Studies held by circulation were confirmed.

**Item-2:** Approval of the Scheme and Syllabus of the 1st year (Semester 1 and Semester 2) of following Programs for Academic Session 2021-22. MBA, MBA (Financial Analysis), MBA (International Business), MBA (Financial Management), BBA, BBA (Banking and Insurance), BBA (CAM), and B.Com. (H).

Chairperson explained the process followed for the design and development of various program schemes to the members of the Board. The complete participation of all stakeholders was ensured.

The program coordinators under the mentorship of a Professor Incharge from USMS held discussions about the scheme. This was done in the light of the feedback received from stakeholders including Teachers, students, alumni and employers as well as the

requirements of NEP 2020. Based on this after thorough discussions two times with the senior faculty, a framework was developed to keep uniformity across similar kind of programs. The entire scheme was designed with Outcome Based Education (OBE) approach and the Program Outcomes and Program Specific Outcomes were revisited and improved and the scheme of programmes was designed. These were shared with all affiliated colleges and suggestions were invited. Based on this, the scheme of all programs was finalised.

However in view of non-availability of complete clarity on 3 years and 4 years UG program as well as 2 year PG program, the scheme and detailed course content was developed only for 3 years UG and 2 years PG programmes. The provision of skill based, entrepreneurship oriented, and CBCS courses were considered. The scheme also included compulsory courses as per the decision of the Academic Council for UG and PG programmes such as: Entrepreneurial Mindset, Environmental Studies and NCC/NSO etc.

The course contents were then developed by the Program Coordinators for the Ist and IInd Semesters only with the help of various faculty members. Course outcomes were defined with proper mapping on the POs and PSOs.

The complete scheme and syllabus of all programs were again circulated to colleges conducting the programmes through the nominated faculty of colleges as well as senior faculty of USMS. On the basis of the feedback received by due date,, the draft scheme and syllabus have been finalised.

The scheme and syllabus for all programmes were presented to the members.

Dr Malti requested to send some more suggestions in the contents of certain subjects for consideration in the syllabus.

The members approved the scheme for the entire program and syllabus for Ist and IInd semesters for MBA, MBA (Financial Analysis), MBA (International Business), MBA (Financial Management), BBA, BBA (Banking and Insurance), BBA (CAM), and B.Com. (H).

The chairperson assured members to send the final formatted copy of the scheme and syllabus for information to all the members.

**Item-3:** Approval of the Scheme and Syllabus of the Ph.D. Course work for Academic Session 2021-22.

The chairperson briefed the members that the scheme of Ph.D. course work was prepared and discussed in the SRC meeting held on 8<sup>th</sup> October 2021. The SRC members approved the proposed scheme as well as the detailed syllabus for the subjects.

The modified scheme was placed for approval by the members for implementation we.f academic session 2021-22.

The members approved the Ph.D. course work scheme and syllabus wef academic session 2021-22.





**Item-4:** Approval of the panel of examiners for the programmes being offered by USMS and/or affiliated colleges.

The panel of examiners for the programmes being offered by USMS and/or affiliated colleges have been prepared and constantly reviewed by respective school level committees. However the process of identifying the examiners and the requirements of preparing MCQ based question papers require more paper setters to be included.

The members authorised the Dean and empowered him to approve the panel on behalf of the BOS as well as adding more names to meet the exigencies in case additional examiners are required, by the Examination branch.

**Item-5: Any Other Matter**

a) Approval of the Co-Supervisors in respect of Ph.D. Scholars under Prof Sanjiv Mittal.

The members were apprised about the need for allocating Joint Supervisor in respect of three Scholars, on account of Prof. Sanjiv Mittal proceeding on long leave. This has been done as per the Ph.D. Ordinance and approved by SRC.

Scholar Name	Supervisor Name	Joint Supervisor Name
Ms. Aarti Dhanrajani	Prof. Sanjiv Mittal	Dr. Deepti Prakash
Ms. Nishat Athesham	Prof. Sanjiv Mittal	Prof. Sanjay Dhingra
Ms. Nitika Aggarwal	Prof. Sanjiv Mittal	Prof. Sanjay Dhingra

The members approved the allocation of Joint Supervisors in the above cases.

b) Prof. A K Saini requested the industry members to kindly advise some prominent names for strengthening of the Industry Interaction Cell of the School to help both the students and the faculty. Dr Jayakumar assured to extend help in this regard by suggesting few references.

Meeting ended with a vote of thanks to the Chair.

  
(Prof. Anil K. Saini)  
Dean (USMS)

Copy to:

1. All BOS members for information, please.

**Scheme of Examination  
&  
Syllabus  
of  
Course Work  
for  
Doctor of Philosophy (Ph.D.)  
in  
Management Studies**

**[With effect from Academic Session 2021-22]**



**UNIVERSITY SCHOOL OF MANAGEMENT STUDIES  
GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY  
Sector-16 C, Dwarka, New Delhi 110078.**

**Entrepreneurship | Employability | Skill Development**

## **PROGRAM OUTCOMES**

**PO1:** Demonstrate substantive knowledge and ability to teach college-level courses in their area of research/ specialization

**PO2:** Apply analytical and methodological skills to evaluate and conduct research in their area of specialization and other related areas

**PO3:** Independently design and conduct original research in their area of specialization

**PO4:** Demonstrate the ability to communicate the results of their research in a clear and effective manner

**PO5:** Apply the understanding for the high ethical concerns and standards in carrying out business research, teaching, and service

**UNIVERSITY SCHOOL OF MANAGEMENT STUDIES  
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**SCHEME OF EXAMINATION-PhD COURSE WORK IN MANAGEMENT  
STUDIES**

<b>SEMESTER – I</b>				
<b>S. No</b>	<b>Course Code</b>	<b>Course Title</b>	<b>Credits</b>	
1.	902001	Research Methodology	4	Core
2.	902002	Review of Literature	4	Core
3.	902003	Research and Publication Ethics	2	Core
4.	902004	Choice based Online Open Course (MOOCs/NPTEL/ similar course)	2	Elective

1. Scholars need to undertake at least three courses during the course work. The Course Code 902001, 902002, and 902003 are Core Papers.
2.
  - I) For 902001 and 902003, the examination shall be of out of 100 marks comprising of
    - a) Mid – Semester Examination 25 marks
    - b) End – Semester Examination 75 marks

Mid-semester Examination for each course shall be an Internal Examination of 25 Marks to be held during the semester for which the respective teacher may give written examination, presentation, project, term paper.  
The End-Semester Examination shall be of 75 marks.
  - II) For Course Code 902002, the respective Supervisors will be required to submit the broad area of review of literature within one month of the joining of the Scholar duly signed by the supervisor and scholar. The evaluation of the course shall be as follows
    - a) Continuous Internal Evaluation by Supervisor 40 marks
    - b) End Term Evaluation by External Examiner 60 marks

For End Term evaluation, the scholar will submit a written report and also give an oral presentation of the literature reviewed before the external examiner.
3. For Course Code 902004 (Choice based Online Open Course (MOOCs/NPTEL/ similar course)), the scholar may select an online open course in consultation with the supervisor, and under approval of the RAC.
4. In order to complete the course work, a scholar has to earn 10 credits.
5. Seventy-five percent attendance is compulsory for the course work.

**UNIVERSITY SCHOOL OF MANAGEMENT STUDIES  
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**RESEARCH METHODOLOGY**

**COURSE CODE: 902001**

**CREDITS: 4**

**Objective:** *To acquaint the student with the concepts of research, research design, research process concepts, tools and techniques of data analysis and the process of effective report writing.*

**COURSE OUTCOMES:**

- CO1:** Identify, classify and compare different types of research and research designs
- CO2:** Explain the process of research and discuss activities associated with different stages of research
- CO3:** Demonstrate the knowledge of formulating research questions, specific research objectives and hypotheses.
- CO4:** Explain different types of data, data sources, sampling techniques and demonstrate ability collect appropriate quantitative and qualitative data.
- CO5:** Discuss the steps in scale development, apply statistical tests to determine validity and reliability, interpret test results and discuss their implications.
- CO6:** Apply data visualization techniques, descriptive and inferential statistics to understand the patterns of distribution of data.
- CO7:** Apply appropriate data analysis techniques with the aid of statistical software packages and demonstrate the ability to draw inferences from the results.

**UNIT I**

Meaning, Purpose and Nature of research; Research; Problem: Formulation; Research Objectives and Research Questions; Research Process; Research Designs; Hypothesis: Formulation. Constructs; Variables; Review of Literature: Citation databases

**UNIT II**

Sampling: Defining target population, sampling frame, sampling units; Sampling Methods; Determining sample size; Considerations in sample design. Sampling & Non Sampling Errors.

Test Construction: Measurement Scales, Steps in test construction, Reliability, Validity; Report Writing: Research Report Components, Process of report writing, Writing research papers.

**UNIT III**

Descriptive Statistics of a series, Normal Distribution, Measures of Skewness and Kurtosis, Standard Error, Confidence limits of different parameters

Statistical Inference: Hypothesis Testing, Types of error, Parametric and Non Parametric Tests: Assumptions, Techniques and Applicability, Correlation, Regression

**UNIT IV**

Advanced Data Analysis: Exploratory and Confirmatory Factor Analysis; Discriminant Analysis; Cluster Analysis; Conjoint Analysis; Time Series Analysis; Structural Equation Modeling; Path Analysis; Partial Least Square (PLS) Technique

## RECOMMENDED READINGS

1. Cooper, D. R. and Schindler P. S. (Latest Edition). *Business Research Methods*. Tata McGraw Hill Education Pvt. Ltd.
2. Hair, J.F., Black, W.C., Babin, B.J., Anderson, R.E. (Latest Edition). *Multivariate Data Analysis*. Pearson Education.
3. Montgomery, D.C. (Latest Edition). *Design and Analysis of Experiments* (International Student Edition). John Wiley & Sons.
4. Cochran, W.G. (2007). *Sampling Techniques* (Latest Edition). John Wiley & Sons.
5. Johnson, R.A., & Wichern, D.W. (Latest Edition). *Applied Multivariate Statistical Analysis New Delhi*, Prentice Hall of India.
6. Zikmund, W.G. et al (Latest Edition). *Business Research Methods*. New Delhi: Cengage Learning.



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**REVIEW OF LITERATURE**

**COURSE CODE: 902002**

**CREDITS: 4**

***Objective:** To help students to understand and evaluate the research conducted in the relevant area of interest*

**COURSE OUTCOMES:**

- CO1:** Explain the purpose of literature review and its relevance for identifying the research problems.
- CO2:** Identify and classify various sources of literature and demonstrate the ability to access them.
- CO3:** Demonstrate the familiarity with published works in academic journals and other publications that focus on relevant area of research and identify pioneering works and seminal contributions
- CO4:** Discuss various types of literature review and demonstrate ability to do systematic, exploratory and synoptic review and critically evaluate research works to identify the research gaps.

**Course Content:**

**Report of Literature Review to be submitted based on**

- 1. Chronological and geographical comparison and**
- 2. Classification of research studies in the relevant area on the basis of problem studied, techniques applied, variables used and results of the studies.**

**Note:-**

1. For this course, the respective Supervisors will be required to submit the topic of the review of Literature within one month of the joining of the Scholar duly signed by the supervisor and scholar. For external evaluation, the scholar will be required to submit a written report and also give an oral presentation of the literature reviewed before External Examiner
2. The scholar has to submit only one copy of the written report of Review of Literature.

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**RESEARCH AND PUBLICATION ETHICS (RPE)**

**COURSE CODE: 902003**

**CREDITS: 2**

**Overview**

- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

**Pedagogy:**

- Class room teaching, guest lectures, group discussions, and practical sessions.

**Evaluation**

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

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**COURSE OUTCOMES:**

CO1: To develop a Ethics for Scientific research.

CO2: To develop the skills for ethical publication.

CO3: To learn copyright and self-archiving policies for open access publishing

CO4: To learn impact factor of Journal and indexing of Database.

## **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 judgements and reactions

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

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 (4hrs.)**

- 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: DATABASES AND RESEARCH METRICS (7hrs.)**

- 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, i10 index, altmetrics

## **References**

Bird, A. (2006). *Philosophy of Science*. Routledge.

MacIntyre, Alasdair (1967) *A Short History of Ethics*. London.

P. Chaddah, (2018) *Ethics in Competitive Research: Do not get scooped; do not get plagiarized*, ISBN:978-9387480865

National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). *On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition*. National Academies Press.

Resnik, D. B. (2011). What is ethics in research & why is it important. *National Institute of Environmental Health Sciences*, 1–10. Retrieved from <https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>

Beall, J. (2012). Predatory publishers are corrupting open access. *Nature*, 489(7415), 179–179. <https://doi.org/10.1038/489179a>

Indian National Science Academy (INSA), *Ethics in Science Education, Research and Governance*(2019), ISBN:978-81-939482-1-7. [http://www.insaindia.res.in/pdf/Ethics\\_Book.pdf](http://www.insaindia.res.in/pdf/Ethics_Book.pdf)

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**Choice based Online Open Course  
(MOOCs/NPTEL/ similar course)**

**COURSE CODE: 902004**

**CREDITS: 2**

**Objective-** The purpose of the course is to give a flexibility to the student to adopt self-learning in a selected course of from any domain considered important for the program being pursued by the candidate. The details of the chosen course should be informed by the student well in time in the beginning of the semester to the concerned Dean/Coordinator of the Program. The selected course should have the similar structure and weightage. The decision of the Dean/Coordinator shall be final in this respect.

The student has to undertake the course from online digital resources and submit the successful completion certificate to the University to take the benefit of credits earned for completion of the program.





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The members were apprised about the need for allocating Joint Supervisor in respect of three Scholars, on account of Prof. Sanjiv Mittal proceeding on long leave. This has been done as per the Ph.D. Ordinance and approved by SRC.

Scholar Name	Supervisor Name	Joint Supervisor Name
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(Prof. Anil K. Saini)  
Dean (USMS)

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