

To,

Date:-6th July, 2023

The Incharge,

Committee Cell,

C.C.S. University,

Meerut.

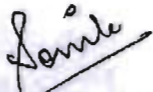
Subject: Submission of the proceedings of the Board of Studies (Home Science)

Sir,

With Reference to the letter no- Committee Cell (BoS-Home Science)5520 dated 23-06-2023 please find enclosed with this letter the proceedings of the Board of Studies meeting held online on 27.06.2023 regarding Pre PhD Course.

Thanks and Regards,

Yours faithfully,



(Dr. Sonika Choudhary)

Convenor-II

Board of Studies (Home Science)

C.C.S. University,

Meerut.

CH. CHARAN SINGH UNIVERSITY, MEERUT



Ref: Committee Cell (BOS-Home Sc.) 5520
Dated: 23-06-2023

A meeting of the Board of Studies (University Campus & Affiliated Colleges) in the subject of Home Science Pre Ph.D. Course Work in Chaudhary Charan Singh University Meerut will be held on 27-06-2023 at 6:00 P.M. on the Zoom App. Members are requested to kindly attend the meeting.

Members of Board of Studies in Home Science (Pre Ph. D) :-

1. Prof. N.C. Lohani, Dean Faculty of Arts, C.C.S. University, Meerut. (Convener-I)
2. Prof. Jaimala, Dean Faculty of Science, C.C.S. University, Meerut. (Convener-I)
3. Prof. Bindu Sharma, Coordinator, Home Science Dept., C.C.S. University, Meerut.
4. Dr. Sonika Ghoudhary, R.G.(PG) College, Meerut. (Convener-II)
5. Dr. Uma Josni, V.M.L.G. College, Ghaziabad.
6. Smt. Mamta Kumari, R.G. (PG) College, Meerut.
7. Prof. Farzana Alim, Dept. of Human Development, Women's College, Aligarh Muslim University, Aligarh.
8. Prof. Rekha Naithani, Dept. of Home Science, H. N. B. Garhwal University, Srinagar.
9. Prof. Nitu Singh, Dept. of Home Science, Hevati Nandan Bahugana Govt. PG College, Prayagraj.
10. Prof. Preeti Kumari, Principal ONS Govt Degree College, Dev Pragyag Tehri Garhwal.
11. Prof. Bharti Singh, Retd Director, Institute of Home Science, Khandhari, Agra.
12. Dr. (Mrs.) Shabnam Chhabra, VMLG College Ghaziabad.
13. Dr. Smriti Dani, A.K.P. Hapur.

Copy to:-

1. S.V.C. for kind information of the Hon'ble Vice Chancellor.
2. Steno to the Finance Controller for information of the Finance Officer.
3. H.O.D. concerned/committee cell.
4. Shri Sandeep Aggarwal, SCRIET, to conduct the meeting on Zoom App.


Registrar
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CIL. CHARAN SINGH UNIVERSITY, MEERUT



Ref: Committee Cell (BOS-Home Sc.) 5520
Dated: 23-06-2023

A meeting of the Board of Studies (University Campus & Affiliated Collages) in the subject of Home Science Pre Ph.D. Course Work in Chaudhary Charan Singh University Meerut will be held on 27-06-2023 at 6:00 P.M. on the Zoom App. Members are requested to kindly attend the meeting.

Members of Board of Studies in Home Science (Pre Ph. D.) :-

1. Prof. N.C. Lohani, Dean Faculty of Arts, C.C.S, University, Meerut. (Convener-I)
2. Prof. Jarmala, Dean Faculty of Science, C.C.S. University, Meerut. (Convener-I)
3. Prof. Bindu Sharma, Coordinator, Home Science Dept., C.C.S. University, Meerut.
4. Dr. Sonika Choudhary, R.G.(PG) College, Meerut. (Convener-II)
5. Dr. Uma Joshi, V.M.L.G. College, Ghaziabad.
6. Smt. Manita Kumari, R.G. (PG) College, Meerut.
7. Prof. Farzana Alim, Dept. of Human Development, Women's College, Aligarh Muslim University, Aligarh.
8. Prof. Rekha Naithani, Dept. of Home Science, H. N. B. Garhwal University, Srinagar.
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CHAUDHARY CHARAN SINGH UNIVERSITY MEERUT

Proceedings of Board of Studies meeting in Home Science

With reference to the University letter no Committee Cell (BOS-Home Sc.) 5520 dated 23-06-2023 regarding meeting of Board of Studies in Home Science which was held on 27th June,2023 at 6:00 p.m in an online mode via a Zoom Meeting.

The link of the meeting was:-

<https://us06web.zoom.us/j/89508481964?pwd=TVFzM2F1MEZsa1lvcjBHU0BjMEJLOT09>

Meeting ID: 895 0848 1964

Passcode: 14210

The following members were present-

1. Prof. N.C. Lohani, Dean Faculty of Arts, CCS University, Meerut, Convener-I
2. Prof. Hare Krishna, Dean Faculty of Sciences, CCS University, Meerut, Convenor-I
3. Prof. Bindu Sharma, Coordinator, Department of Home Science, CCS University, Meerut
4. Dr. Sonika Choudhary, Associate Professor, Department of Home Science R.G.P.G. College, Meerut, Convener-II (Ref no.Sambadhta/357 dated 27.4.2023)
5. Prof. Farzana Alim Dept. of Human Development, Women's College, Aligarh Muslim University, Aligarh -Subject Expert (External).
6. Prof. N i t u S i n g h , Professor, Hemvati Nandan Bahuguna Government P.G. College, Prayagraj-SubjectExpert (External).
7. Prof. Preeti Kumari, Principal, ONS Government Degree College, Dev Prayag Tehri Garhwal.
8. Prof. Bharti Singh, Retd Director, Institute of Home Science, Khandhari, Agra.
9. Dr. Uma Joshi, Associate Professor, Department of Home Science, V.M.L.G. College, Ghaziabad
10. Mrs. Mamta Kumari, Assistant Professor, Department of Home Science ,RG PG College, Meerut.
11. Dr. Shabnam Chhabra, Associate. Professor, Department of Home Science, V.M.L.G. College, Ghaziabad
12. Dr. Smriti Dani, Associate Professor, Department of Home Science, A.K.P.G. College. Hapur

Copy to :

1. S.V.C for kind information of the Hon'ble Vice Chancellor.
2. Registrar
3. P.A to the Finance Controller for information of Finance Controller to make arrangement of sitting charges of the BOS members which will be submitted by the concerned.
4. A.R (Academic)
5. PhD Section



AGENDA:

1. Approval in the subject of Home Science the paper of "Research Methodology" designed by the University for Pre PhD Course work of all faculties/Disciplines.
2. Framing and Approval of two papers for Pre PhD course work in the subject of Home Science .
3. To decide minimum passing marks as approved by the University.

FOLLOWING ISSUES WERE UNDERTAKEN AND RESOLVED

1. One Research methodology paper (4 credits) common for all disciplines was approved for the subject of Home Science . (Annexure-I)
2. Two Pre PhD Course work papers in the subject of Home Science (4 credits each) was finalised after thorough discussions. (Annexure-II- STATISTICAL METHODS IN HOME SCIENCE RESEARCH and Annexure-III - RECENT ADVANCES AND RESEARCH TRENDS IN HOME SCIENCE)
3. One paper of 4 credits would be either of Review of Literature/Term paper or Field work.
4. Viva/Oral Examination would be conducted by an External Examiner and the Course Coordinator as an Internal Examiner.
5. Passing marks for each paper as 50 % and a consolidated percentage of 55 in aggregate of all the papers was agreed in accordance with the University guidelines.
6. The meeting ended with a vote of thanks.

Members of BoS:

Prof. Rekha Naithani
Subject Expert (External)



Prof. Farzana Alim
Subject Expert (External)



Prof. Nitu Singh
Subject Expert (External)



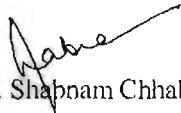
Prof. Preeti Kumari
Principal



Prof. Bharti Singh
Retd. Director




Mrs. Mamta Kumari



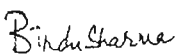
Dr. Shapnam Chhabra



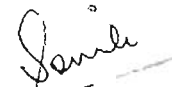
Dr. Smriti Dani



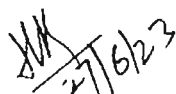
Dr. Uma Joshi



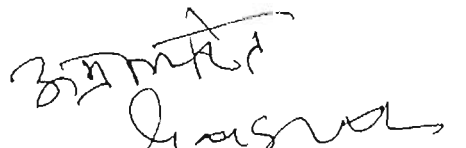
Prof. Bindu Sharma,
Coordinator Home Science



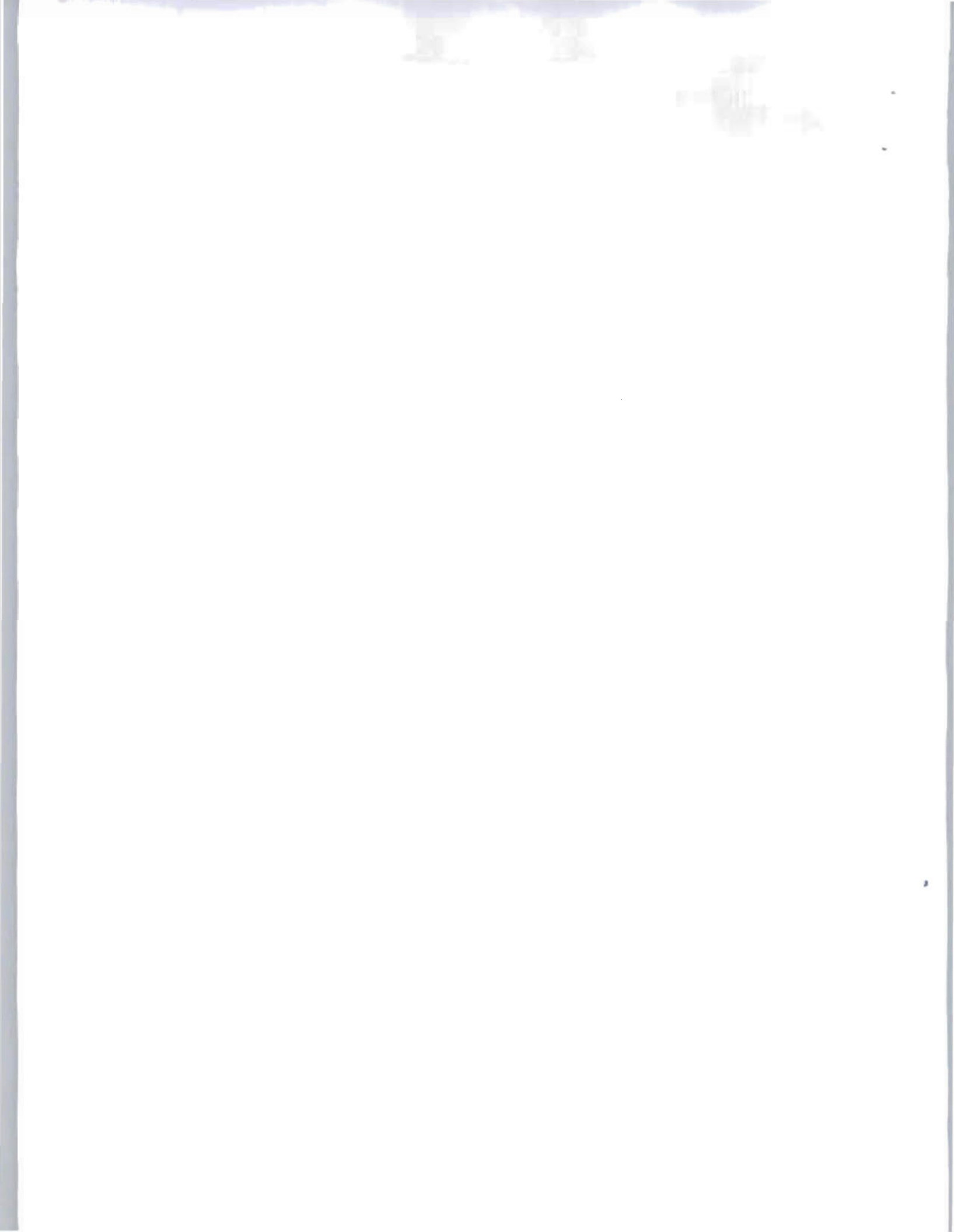
Dr. Sonika Choudhary,
Convener-II, Home Science



Prof. Hare Krishna,
Dean, Faculty of Sciences



Prof. N.C. Lohani,
Dean, Faculty of Arts



ANNEXURE-I

Subject: Common for all faculties		
Course Code: -----	Course Title: RESEARCH METHODOLOGY	Theory
<p>Course Objectives: The main objective of this paper is to</p> <ol style="list-style-type: none"> 1. Identify and discuss the role and importance of research. 2. Identify and discuss the issues and concepts salient to the research process. 3. Identify and discuss the complex issues inherent in selecting a research problem, selecting an appropriate research design, and implementing a research project. 4. Identify and discuss the concepts and procedures of sampling, data collection, analysis and reporting. <p>Course Outcomes: At the end of this course, the students should be able to:</p> <p>CO1. Understand some basic concepts of research and its methodologies.</p> <p>CO2. Explain key research concepts and issues read, comprehend, and explain research articles in their academic discipline.</p> <p>CO3. Select and define appropriate research problem and parameters.</p> <p>CO4. Organize and conduct research (advanced project) in a more appropriate manner.</p> <p>CO5. Write a research report and thesis.</p>		
Credits: 4	Core Compulsory	
Max. Marks: 100	Min. Pass Marks:55	
Total No. of Lectures-Tutorial (in hours per week): L-T: 4-1		
Unit	Topics	No. of Lectures 60
I	Perception & Definition of Research, Objectives & Motivations of Research, Importance of Research, Types of Research, Research Methods versus Methodology, Process of Research; Review of Literature, Formulation of the Research Problem, Sources and Identification of a Research Problem, Status of the Research Problem, Formulation of Hypothesis, Research Design,	12
II	Outlines of Synopsis; Project Proposal, Project Report Writing; Research Paper Writing; Components of Research Reports; Thesis Writing: Outlines of Thesis, Reference citing, Formats of Writing References, Bibliography; Plagiarism.	12
III	Intellectual Property (IP), Intellectual Property Rights (IPR), Intellectual Property Law, Different fields of Intellectual Property Rights, Patents, Publication Ethics: Definitions importance Conflicts of Interest, Publication Misconduct Definition, Concept, Problems that lead to Unethical Behavior and vice versa, Types Identification of publication misconduct, Complaints and Appeals; Violation of publication ethics, Authorship and Contributorship; Predatory Publishers and Journals.	12

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IV	Web Browsers, Search Engines, MS Word: Handling Graphs, Tables and Charts, Formatting in MS-Word, MS Power Point: Creating Slide Show, Screen Layout and Views, Applying Design Template, MS Excel: Features, Formulas and Functions.	12
V	Subject Classification Index, Citation, Citation Index, Impact Factor, h-index, i-10index, INFLIBNET, Introduction to Peer Reviewed and Open Access Journals, e-Journals, e-Library, Research Databases, Institute for Scientific Information (ISI) & Journal Citation Reports, Science Citation Index (SCI), Social Sciences Citation Index (SSCI), Arts and Humanities Citation Index (AHCI), Databases: UGC care list, Web of Science (WoS), Scopus.	12

Teaching Learning Process: Class discussions/ demonstrations, Power Point presentations, Class activities/ assignments, Field visits., Internship, etc.

Suggested Readings:

1. **Creswell. W.:** Research Design, Qualitative, Quantitative and Mixed Methods Approaches (3rd Edition), SAGE, Inc., 2018.
2. **Gupta. S.:** Research Methodology: Methods and Statistical Techniques, Deep & Deep Publications, 2010.
3. **Kumar. R.:** Research Methodology: A Step-by-Step Guide for Beginners (3rd Edition), SAGE, Inc., 2011.
4. **Melville. S. and Goddard. W.:** Research Methodology: An Introduction (2nd edition), Juta Academic, 2004.
5. **Shortis, T.:** The Language of ICT: Information and Communication Technology, Taylor & Francis, 2016.
6. Research Methodology: Methods and Techniques by C.R. Kothari, Second revised edition
7. Research Methodology: A step by step guide for beginners by Ranjit Kumar
8. Research methodology: Methods and Statistical techniques, by Santosh Gupta
9. Statistical Methods, by S.P. Gupta
10. Research Design, Qualitative, Quantitative and mixed method approaches, W. Creswell, 3rd Ed
11. Information Communication Technology, by Tim Shorts Handbook of Communication and Social Interaction Skills, by John O. Green, Brant Raney Burleson
12. शोध प्रविधि - डॉ० विनय मोहन शर्मा
13. अनुसंधान प्रविधि, सिद्धांत और प्रक्रिया - एस०एन० गणेशन
14. अनुसंधान प्रविधि - डॉ० एस०एन० राय
15. अनुसंधान की प्रविधि एवं प्रक्रिया - डॉ० राजेन्द्र मिश्र
16. साहित्य अनुशीलन: विभिन्न दृष्टियाँ - डॉ० दया शंकर शुक्ल
17. अनुसंधान प्रविधि और प्रक्रिया - डॉ० मुध खराटे/डॉ० शिवाजी देवरे

Bindu Sharma

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Pre-Ph.D. Course

Subject: HOME SCIENCE		
Course Code: H.Sc-Ph.D-1	Course Title: Paper-I: STATISTICAL METHODS IN HOME SCIENCE RESEARCH	Theory paper
<p>Course Objectives: The main objective of this paper is to</p> <ol style="list-style-type: none"> 1. Acquaint students with understanding, development and testing of Hypothesis 2. Make them able to analyze data using different statistical tests 3. Develop understanding of construction of tools in home science. 4. Develop understanding of SPSS 5. Develop understanding of various online data retrieving resources <p>Course Outcomes: At the end of this course, the students should be able to:</p> <p>CO1. Develop and Test Hypothesis CO2. Select type and size of sample CO3. Analyze data using different statistical tests according to the data CO4. Construct data collection tools and intervention modules CO5. Understand and work on SPSS CO6. Retrieve data using various online resources.</p>		
Credits: 4	Core Compulsory / Elective	
Max. Marks: 100	Min. Pass Marks:50	
Total No. of Lectures-Tutorial (in hours per week): L-T-P: 4-0-0		
Unit	Topics	No. of Lectures (Total sum = 60)
I	<ul style="list-style-type: none"> • Hypotheses :- Definition, Types, Formulation and Testing of Hypotheses, 1 Tail & 2 Tail Tests • Sample and its Selection including determination of Sample size 	12
II	<ul style="list-style-type: none"> • Levels of Measurement-Nominal, Ordinal, Interval & Ratio • Statistical Averages-Mean, Mode & Median. • Dispersion-The Range, Mean Deviation, Standard Deviation, Standard Error, Coefficient of Variation, Variance, • Correlation- Karl Pearson & Spearman Rank. • Simple Linear Regression 	12
III	<ul style="list-style-type: none"> • Parametric Tests- t-test, Z-test, one way & 2 way ANOVA • Non-Parametric tests-Wilcoxon-Mann Whitney test, Wilcoxon-Signed Ranks Test, Sign test , Runs test, Kolmogorov Smirnov Test, Kruskal Wallis Test, Chi 	12

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	Square Test	
IV	<ul style="list-style-type: none"> • Construction & Adaptation of Tools of Research namely- Questionnaire, Interview Schedule & Scaling Techniques • Establishing the Reliability & Validity of the tools constructed/adapted • Development of Intervention modules in different areas of Home Science- Nutrition, Human Development, Clothing & Textiles, Extension Education and Family Resource management. 	12
V	<ul style="list-style-type: none"> • Use of SPSS for Data Analysis • Data retrieving in the subject of Home Science through various online resources such as DELNET (Developing Library Network), INFLIBNET (Information and Library Network), OPAC (Online Public Access Catalogue), Shodh Sindhu 	12

Teaching Learning Process: Class discussions/ demonstrations, Power point presentations, Class activities/ assignments, Field visits, Internship, etc.

Suggested Readings :

1. Kothari, C. R. & Garg, G. "Research Methods", New Age International, New Delhi, 2019.
2. राम आहूजा, "सामं ललक सरवे ढण एखं अनुसंधान" र एखत पबलीके शन, जयपुर, 2003
3. Pandian Sundara, P., Muthalakshmi, S and Vijayakumar, T. "Research Methodology & Applications of SPSS in Social Science Research", Sultan Chand and Sons. 2022.
4. Kumar, A and Chaudhary, A. "Non -Parametric Methods & Numerical Analysis". Krishna Prakashan Media (P) Ltd, Meerut , 2016.

Suggestive Digital Platforms/Web Links:

1. SPSS Software
2. IGNOU YouTube Channel
3. Swayam Videos
4. https://onlinecourses.swayam2.ac.in/cec20_hs17/preview
5. https://onlinecourses.nptel.ac.in/noc22_ge08/preview
6. <https://ugcmooes.inflibnet.ac.in/index.php/courses/view ug/330>
7. <https://www.rawalbooks.com/research-methods/research-methods>

Bindu Sharma

Sandeep

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ANNEXURE-III

Subject: HOME SCIENCE		
Course Code:H.Sc-Ph.D-2	Course Title: Paper -II : RECENT ADVANCES AND RESEARCH TRENDS IN HOME SCIENCE	Theory paper
<p>Course Objectives: The main objective of this paper is to</p> <ol style="list-style-type: none"> 1. Develop skills in dissemination of Results by writing Quality Research papers, Articles etc. 2. Develop skills in researchers for effective writing of thesis. 3. Develop skills and prepare students for future research by training them in writing research proposals to various funding agencies. 4. Develop the understanding of Interdisciplinary researches, Government efforts & policies related to Home Science. 5. Make the students aware of the recent advances, research and development in the different fields of Home Science. 		
<p>Course Outcomes: At the end of this course, the students should be able to:</p> <p>CO1 : Write a research paper, review article and review a book.</p> <p>CO2. : Develop an understanding of various software and tools dealing with Thesis writing</p> <p>CO3: Prepare a Research proposal that could be submitted to various funding agencies</p> <p>CO4 : Do interdisciplinary research</p> <p>CO5 : Understand various Government policies, Five year plans and programmes related to one's study</p> <p>CO6: Understand various trends of research in the different areas of Home Science.</p>		
Credits: 4		Core Compulsory / Elective
Max. Marks: 100		Min. Pass Marks:50
Total No. of Lectures-Tutorial (in hours per week): L-T-P: 4-0-0		
Unit	Topics	No. of Lectures (Total sum = 60)
I	<ul style="list-style-type: none"> • Writing a Research Paper, Review article and Book Review. 	08
II	<ul style="list-style-type: none"> • Use of available Computer software and tools in concerned language dealing with summary, paraphrasing, transcription, grammar check, referencing. 	16
III	<ul style="list-style-type: none"> • Funding & Opportunities for Research scholars, Essentials for a funded proposal. Key aspects of drafting Research proposal. Format of UGC & ICSSR Research proposal. Indian Research funding Agencies. General Foreign or International Funding Agencies • UGC Regulations & Ordinances relating to Ph.D • Concept of Interdisciplinary Research 	12



IV	<ul style="list-style-type: none"> National level Government policies, Five year plans and programmes related to different areas of Home Science- Nutrition, Human Development, Clothing & Textiles, Extension Education and Family Resource Management. 	12
V	<ul style="list-style-type: none"> Recent Advances & Research trends in the different areas of Home Science Research (Qualitative & Quantitative) 	12

Teaching Learning Process: Class discussions/ demonstrations, Power point presentations, Class activities/ assignments, Field visits., Internship, etc.

Suggested Readings:

1. **Ranjit, K.** "Research Methodology-a step-by-step guide for beginners", Sage Publications, New Delhi. 2011. 3rd Edition
2. **Knmar, B., & Thakur, S.** (Eds.). "Textiles for Advanced Applications". InTech. doi: 10.5772/66015.2017
3. **Bryan, V.C.** Handbook of Research on Human Development in the Digital Age (Advances in Human and Social Aspects of Technology (AHSAT), 2017, IGI Global
4. **Henry, J (Ed).**, "Advances in Food and Nutrition Research", Academic Press (Elevier), Amsterdam, 2013, 1st Edition.
5. **Lester, J.D & Lester, j.D.(Jr).** "Writing Research papers -A Complete Guide". Pearson Education Limited, England, 2015, 15th Edition.

Suggestive Digital Platforms/Web Links:

1. Various online and print journals of the subject.
2. UGC and ICSSR websites.
3. Google scholar search for recent advances and research trends
4. <https://www.scribbr.com/category/research-paper/>
5. <https://app.grammarly.com/>
6. <https://www.mendeley.com/download-desktop-new/>
7. <https://sites.google.com/view/rajasankaran/resources/referencing/guidelines-for-referencing>
8. <https://www.researchgate.net/publication/325846748>
9. <https://scientific-publishing.webshop.elsevier.com/research-process/writing-a-good-review-article/amp/>
10. <https://www.sciencedirect.com/bookseries/advances-in-food-and-nutrition-research>

Bindu Sharma

Sonu

Abhishek

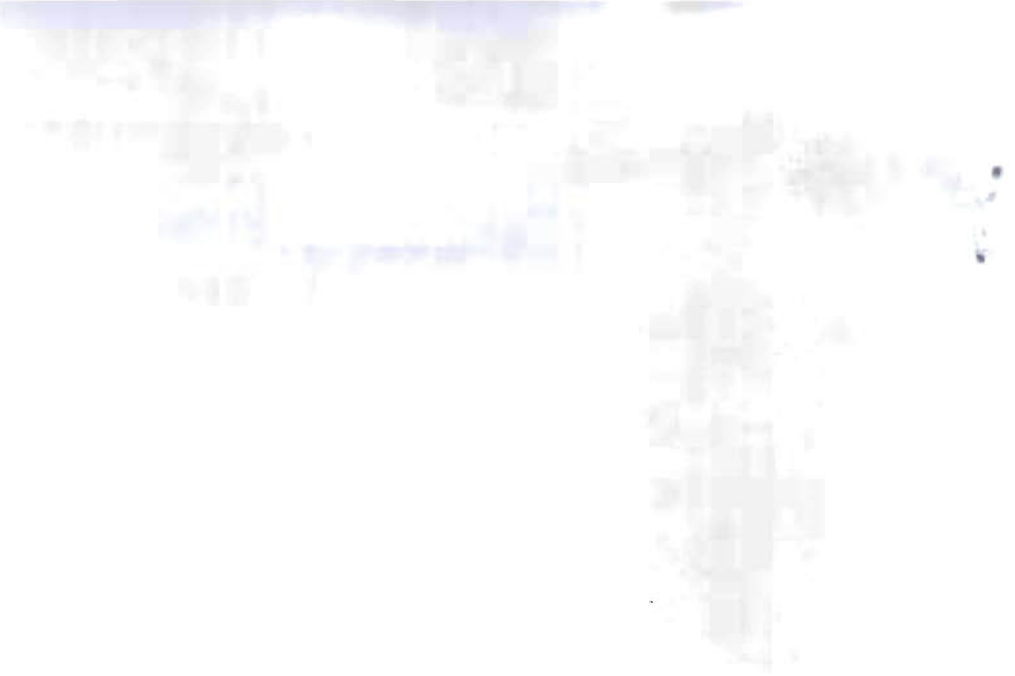
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