



28th September 2022

NOTICE

All 2nd year (Session 2021-2022) students of M.Sc (FN, TC and HD) and M.Com programmes are hereby notified that they have to submit final report on Dissertation / Project in hard copies as per the following guidelines given to the Principal on 14th October 2022 at 11 AM.

The submission will include:

1. Three **hard copies** of the Dissertation / Project report (**not bound**) placed in three separately labeled envelopes. The reports must be duly approved and signed by the respective supervisors before submission.
2. **Soft copy of the report** on a CD labeled with the title of the project, name of the students and class.
3. **Soft copy of the corresponding Research Paper** (within a maximum of 5000 words), on a separate CD. The format for writing the paper is enclosed.
4. An **undertaking**, in the enclosed format, to the effect that you have no objection in the paper getting published by the supervisor or that you will not do the same without the consent of your supervisor.
5. **Plagiarism Report**, in hard copy, to be collected from the LRC and submitted herewith. Students, whose reports have been earlier notified for unacceptable similarity percentage, will get their reports redone and get the same checked for plagiarism from the LRC through their respective supervisors and thereafter submit the new reports.
6. **Rs. 200/- (Rupees Two Hundred only) in cash** as binding charges.

Prof. Deepali Singhee
Principal

Enclosed

1. Format for writing research paper
2. Students' undertaking

Since 1963

J.D. BIRLA INSTITUTE
Departments of Science & Commerce
M.Sc. Dissertation / M.Com. Project
FORMAT - RESEARCH PAPER

The research paper should be written in English using MS Word software. The text should be presented in a single column with no header & footer or page number should be inserted. Illustrations (Tables, figures and graphs or images in JPG format) must be inserted within the article at the appropriate position.

Articles should be written in maximum 5000 words in Times New Roman font, single spacing, A4 paper format with 1" margins on the tops, bottom and right. The left hand margin should be 1½".

- The **title** of the research paper should be concise with not more than 12-14 words, Times New Roman font of 14 size and in title case
- **Full names of author/s** should be mentioned in the correct order with their separate designations, place of work and email
- A short **abstract** on the research work covering all aspects of the study, in a single para not exceeding exceed more than 200 words must be provided. The abstract must include the purpose of the study, method used, results, discussion and conclusion.
- Appropriate **keywords** (5-7 nos) arranged alphabetically order has to be provided

The rest of the article should be arranged under the following headings:

1. Introduction
2. Aims & Objectives
3. Materials and Methods
4. Results and Discussion
5. Conclusion
6. Acknowledgement (if any)
7. References

Introduction

The introduction should not be an extensive literature review although it should provide sufficient background information for the reader to understand and evaluate the results of the present study. It should also contain well projected objectives relevant to the study.

Materials and Methods

Describe all materials used in the experiment. Describe in details methods used citing all necessary references.

Results and Discussion

Results should be clear and concise. Discussion should explore the significance of the results of the work. Avoid extensive citations and discussion of published literature.

Conclusion

This should state clearly the main conclusions of the research and give a clear explanation of their importance and relevance. A short, paragraph summarizing the most important finding(s) of the research may be given. The conclusions section should not exceed more than 150 words.

Tables

All tables should be cited in the text, inserted at the relevant position in the text and should not be worked only in a word file (do not import from an Excel file). They should be numbered consecutively (**Table 1, Table 2 etc.**), must carry an appropriate title on the top as mentioned below

Table 1. Optical densities at λ_{\max} (420 nm) of gallnut extract

Illustrations and Figures

Figures must be clearly visible, appropriately numbered, inserted in a table with a title on the bottom and placed at a relevant position in the text as mentioned below. All tables should be appropriately cited in the text.

Fig. 1. Plant and fruit with the colouring component, granatonine found in the rinds of <i>Punica granatum</i>

Acknowledgement

The source of any financial support, gifts, technical assistance and advice received for the work being published must be indicated in the acknowledgment section. This should be brief and for special assistance only.

Citations within the text

References in the text should be cited with the surname of the author followed by the year of publication after a comma. Both should be put in a bracket.

References

The authors are responsible for the accuracy of the bibliographic information (references). It should be numbered and arranged alphabetically. The style and punctuation of the references should confirm to the following examples:.

- **Journal references:** Gokerneshan, N., Poiger, U.G., & Pachiyappan, K.M. (2021). Acoustic properties of woven - Part II: Studies on corduroy and fabric with polyester fabrics made from staple and textured weft yarns. *Journal of the Textile Association*, 82(2): 61-67 [<https://doi.org/10.17605/OSF.IO/YKAFM>]
- **Books:** Rowling, J.K. (2001). Harry Potter and the socrer's stone. p 12-14. London: Bloomsburg Children's.
- **Websites:** Cancer-Pain.org [Internet]. New York: Association of Cancer Online Resources, Inc.; c2000-01 [updated 2002 May 16; cited 2002 Jul 9], <http://www.cancer-pain.org/>

SAMPLE:

Growth and Development of Technical Textiles in India: A Comparative Analysis of Tenth and Eleventh Five Year Plan

Asiya Chaudhary¹ & Nazneen Shahaid² Do not to mention Dr., Prof., Ms etc.

¹*Assistant Professor, Department of Costume Design and Fashion, J.D. Birla Institute, email*

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Abstract

Cartoons form the imaginary world of children and are mostly a western concept. Though Indian folk tales / Jataka tales based on animals have been popular since ages, today most Indian children are attracted to well known animal-based cartoon characters popular in other countries. In India, animals have been used in plenty, on art forms and richly ornate architectural monuments that are found all over the country. A study was undertaken to develop cartoon figures from these identified animal/bird/other fauna-based motifs present on ancient Indian monuments as suitable prints for children and provide variety in design through motif modification and cartoonization. The developed new Indian cartoons were printed on t-shirts meant for young children using the digital printing technique and a survey was conducted to explore their acceptance in light of the more popular western cartoons. All the three categories of the respondents (87.7%) liked the cartoonized versions of the selected animal, bird and other fauna motifs over other styles of modification. They found the cartoonised motifs developed to be cute, attractive, adorable, stylish, creative, eye appealing, inducing happiness (brought a smile on their faces) and funny/humorous. Among all the 15 cartoons developed, lion was the most liked..

Keywords: Banana skin, household waste, lemon rind, mordants, natural dyes, onion skin, pomegranate rind, UV protection

- **Introduction**
- **Objectives**
- **Methods**
- **Results & Discussion**
- **Conclusion**
- **Acknowledgement**

The authors are thankful to Dr. xyz, designation, J.D. Birla Institute for her guidance and necessary help in the statistical analysis of the data.

- **References**

Sample papers for reference

1. Singhee D, Chatterjee I & Samanta A.K. 2022. Multiple re-cycled dyeing of silk with de-oiled red sandalwood waste using different mordants to achieve dark shades and improved colour fastness. *Man Made Textiles in India*, 50 (3): 84-89.
2. Samanta A.K & Singhee D. 2022. Effect of application of selective UV-absorbers/ antioxidants on raw and bleached jute fabrics by pad-batch-dry process for reduction of its photo-degradation and photo-yellowing character. *Journal of Natural Fibers*, 1-19 (DOI: 10.1080/15440478.2022.2051669).
3. Singhee D, Sachdeva H & Bhattacharyya K. 2022. Adaptation of animal motifs sourced from ancient Indian sculptures to cartoon figures.Part-2: Development of prints for children-wear. *Journal of Textile Association*, 82 (5): 252-259.
4. Singhee D & Agarwal M. 2022. Dyeing of cotton with natural dyes extracted from regular kitchen waste. *Asian Dyer*, 19 (2): 46-61 (ISSN 0972-9488).



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STUDENT UNDERTAKING FOR RESEARCH WORK

Name of Student

Department

Class Class Roll Number

Title of Proposed Research

Allotted Guide/Mentor

I, give an undertaking to abide by the following responsibilities related to my M.Sc Dissertation / M.Com Project

1. I shall engage myself in research/project work with full diligence and shall complete it (including the report) within the stipulated time as announced by the college.
2. Before starting the project I shall have preliminary discussions with my supervisor, undertake literature survey and prepare a brief outline of the work plan.
3. I shall carry out the research work under guidance of my supervisor and shall meet her regularly (at least once a week) by prior appointment.
4. I shall maintain a work diary of all the activities done and the important decisions taken after discussions with the supervisor.
5. I shall keep my supervisor informed of any problems that may cause delay in carrying out of the project.
6. I shall maintain cordial relationship with all people interacting during the project phase, maintain good discipline in the laboratory, field and other work places and shall be ethical in my conduct all through.
7. I shall seek permission from my college in case of any kind of publication/replication pertaining to the research work undertaken during my studentship of the college.
8. I am aware that my supervisor shall remain the first as well as corresponding author in case of any research publication arising from the research undertaken through the dissertation/project.
9. I acknowledge that the college may not be accepted my dissertation/project if it is not satisfactory to my supervisor.
10. I am aware of the Plagiarism-related policy of the college and shall abide by the same.

Signature of the Student (with Date)