Odisha State Open University
Sambalpur, Odisha

PROJECT GUIDELINES FOR STUDENTS
Programme: Master of Science(Cyber Security) (MSCS)

Course Type: Project Work   **Course Code:** CSPP-04 (2-Credits)

Weightage for Project Report/Dissertation: 100% (**Project Report:** 75%, **Viva-Voce:** 25%)

Topics: List of project title will be suggested by the University for Project Work, Choose any one from the given below list. However you may do your project work on any other similar topics of your own.

Project Synopsis: A project synopsis needs to upload in Student web portal of www.osou.ac.in (Click Here) on or before the specified date for approval of the project. Synopsis form can be downloaded from here (Download).

Approval of the Project Synopsis: It will be evaluated by an appropriate authority within a week with remark. In case the project proposal is not approved, the learner has to re-submit it within a week by incorporating the changes as suggested. The Approval Letter must be attached in the appendices of the project report. All the information about the project synopsis i.e. uploading date, Approval status and Approval Letter will be available in Student portal of OSOU Site.

The Supervisor: The learner has to identify a supervisor who is a counsellor or a Lecturer in the field of Computer Science and Application or a professional with minimum requisite qualification like **MCA, M.Sc. (Comp.Sc. /IT), M. Tech (Comp. Sc. /Comp. Engg.)**

No. of copies to be submitted: Two copy of the project is to be submitted to the Study Centre duly signed by the candidate and the Supervisor. The original copy of the project report should be send to University Head Quarter through study centre for future use and another copy will be retained by the Learner.

Key Dates:

Last date of Project Synopsis upload:	30 days prior to the last date of Project report submission
Last date for the Submission of Project Report:	**On or before 30th November of each Academic year**

The following suggested Guidelines must be followed in preparing the project Reports

Good quality white A4 size paper should be used for project Report

Binding Specification: Spiral Binding/Book Binding

Page Specification:

Left margin: 3.0 cm	Right margin: 2.0 cm
Top margin: 2.55 cm	Bottom margin: 2.55 cm

- ➢ **Page numbers -** All Report page should be numbered at the bottom Center of the pages.
- ➢ **Normal Body Text:** Font Size: 12, Time New Roman, justified. 6 point after and before Para spacing.
- ➢ **Paragraph heading font Size:** 14, Times New Roman, Left Aligned. 12 point after and before Para spacing.
- ➢ **Chapter Heading Font Size:** 20, Times New Roman, Centre Aligned, 30 points above and below spacing.(If required)
- ➢ **Coding Font size:** 10, Courier New, Normal.

The Project Report should include:

- ➢ One hard copy of the Project Report
- ➢ Soft copy of Project on CD/DVD in an envelope pasted inside of the back cover of the project report
- ➢ The Project may be about **40-50 pages** (excluding coding)

FORMAT OF THE MSCS PROJECT REPORT

1. Cover page as per format	7. List of Figures
2. Declaration	8. List of Tables
3. Originality Certificate	9. Project Report
4. Acknowledgement	10. List of Abbreviations
5. Abstract	11. List of Notations
6. Table of Contents	12. Bibliography/References

A Minor/Major project report on

PROJECT REPORT TITLE

SUBMITTED IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE

Master of Science(Cyber Security) (MSCS)

(BATCH-2019-20)

Submitted By:

NAME OF STUDENT:
ROLL NO:

Under the Guidance of
Name:
Designation:

Study Centre Name/Code

Address

Odisha State Open University
Sambalpur, Odisha

DECLARATION

I **Mr. /Ms. XXXXX XXXXX**, hereby declare that the dissertation entitled "**Title of The project**" submitted by me in partial fulfilment of the requirement of Master of Science(Cyber Security) (MSCS) is a record of my bonafide work being carried out by me under the guidance of Prof. /**Asst. Prof./Lect. XXX.XX XXXXX** *and Prof. XX.X XXXX, Department* of CSE*, XXXX, BBSR*, India.

The work included in this dissertation has not been submitted to any other University / Institution for award of any degree/diploma.

Date:

Mr XXXXX XXXXX

Enrollment No. 123456789

ORIGINALITY CERTIFICATE

This is to certify that the results embodied in the dissertation entitled **"Title of the project***"*** submitted by **Student Name** bearing Enrollment number **MSCS-XXX-XXXX** under Odisha State Open University is a record of bonafide work carried out by the candidate under my direct supervision and guidance.

This dissertation has reached the standards fulfilling the requirements of the regulations relating to the Master of Science(Cyber Security) (MSCS) and has not been submitted previously in this University or in any other University / Institute for award of any degree/diploma, to the best of my knowledge.

Date: (Name and Signature of the Supervisor with seal)

ACKNOWLEDGEMENT

I take great pleasure & privilege in devoting my heartiest and sincere gratitude to my supervisor **prof. XXX.XX. XXXXX** for his immense support & motivation during the course of the Project Work without which this work would not have seen the light of the day.

I am very grateful to **Prof. XXXXXX XXXX** for helping me in completing my work.

I offer my sincere gratitude to my Counselor ***Prof. X.X XXXXX*** who has helped & encouraged me in each step for successful completion of my work.

I extend my special gratitude to my family for their co-operation and love all through.

Student Name

Enrollment No.

SUGGESTED CYBERSECURITY TOPICS/PROBLEMS FOR MSCS

1. Consider that you are a user of Internet through a Public Wi-Fi Network by your mobile devices such as Mobile or a Laptop. Illustrate the Security Steps to stay safe in this Wi-Fi environment.

2. Suppose you are a cyber-security professional and engaged as a consultant for a small office. How can you detect that some one's computer is Malware infected? Mention all the possible causes. How to remove them and what are the suggestions you will provide to protect their computers?

3. What are the features and security vulnerabilities of Web Browsers? Mention procedure for the following functions using a specific web browser.

   a) You can keep advertisers away from tracking you

   b) You can stop your browser from automatically downloading malware.

   c) You can block pop-ups and ads

   d) How to avoid unsafe website

4. We use computers to pay bills, shop online, chat and even keep in touch with friends on social media platforms. You might not realize it, but this makes us vulnerable. Give a few suggestions and best practices that will keep your financial transaction secured and protected.

5. Many people all over the world rely on email for a big chunk of their communication. But in the past years, cybercriminals have hacked companies from all over the world, exposing millions of email accounts and their passwords and hence exposed to very sensitive data. So, email security is very crucial for security and privacy. To explain and show how you can secure your email account in the best possible way.

6. As a Cyber Security professional, suggest the essential security steps to prevent some one's identity theft in online activities.

7. Prepare a User Guide that helps small organizations to improve Cyber Security.

8. Suggest a security framework for a set of computers in a small office with Internet and Intranet facilities.

9. As a Cyber Security professional, suggest enhancing your Home Wireless Network Security.