# Computer Programming (NCSV101)
## [Winter 2025-26]

Slides 0.0
**Introduction to the Course**

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# What will you learn in this course?

The name may have already suggested the major theme of the course
- It is a course which will introduce the *art* of "programming" a "computer"
- Note that I used the term *art*, which may be a little confusing (since you all are supposedly *science* scholars :P)
- I am calling it an art since what we will teach you are basic tools, but how you use them, is up to you
- For instance, an analogy will be teaching you "how to use a brush", but what you paint with it is up to you !
- You may already see where this is going – if you need to do well in this course, *practice* is the key

You do have a Lab Course with this theoretical course
- Try to use the labs of that course to gain some practice
- However, do not solely rely on the labs – make your own arrangements to practice

# How to study the course?

I will be providing you with the following:
- Lecture Slides, and Code Examples, wherever applicable
- You can access the Course Content [here](#) – unlike **Abhiklap**, it is accessible outside institute network
- **Open the Link in an Incognito Window if you face any access issues**

Keep your pens at rest, to the possible extent, and focus on grasping the content in the Lecture
- You may, of course, write notes or points which you feel are not mentioned in the slides (Sometimes I drift away during the lecture and discuss several things that that are not in the slides !!)

If you prefer reading books, you may go through the list of them in the Syllabus
- Having said that, we *usually* do not follow any book verbatim, so you should be smart in your reading

The slides are "too verbose" intentionally, so that you can use them as Revision Notes as well !!

*Since the course is being taught in parallel in multiple sections, please keep an eye on other sections too !!*
- *The Question Papers will be designed jointly by all faculty members; it is practical to do so :D*

# Course Evaluation

The evaluation will be along three Heads

◦ Mid Semester Examination: 1-hour Exam with Maximum Marks 30, contributes **30% of overall weightage**

◦ End Semester Examination: 2-hour Exam with Maximum Marks 50, contributes **50% of overall weightage**

◦ Quizzes: Typically, around 30 minutes, contributes **20% of overall weightage**

◦ One Quiz will be before Mid Sem Exams and one after that …

◦ … tentatively around $10^{th}$ *February* and $10^{th}$ *April* 2026

# Getting Help

If you wish to contact me for some help, *Email* is the best medium
- I may not reply to your email immediately, but I WILL REPLY
- To save time, try to be precise and to-the-point (no need for niceties)
- My email: ssrivastava AT iitsim DOT ac DOT in

You may visit me in the office (however, it is better to check with me before coming in)
- My Cabin Number at CSE Department is 301 (3rd Floor)
- I spend a lot of time at the Automation Centre, you may catch me there as well, which is situated at the 3rd Floor, Old Library Building (the white-coloured building in front of the Main Canteen, the same building whose Ground Floor has the Academic Section)

You can also meet one of the Course Teaching Assistants (TAs)
- Shivam Tripathi, M.Tech CSE, 2nd Year (Email: 24MT0424 AT iitsim DOT ac DOT in)
- Pradeep Gangwar, M.Tech CSE, 2nd Year (Email: 24MT0299 AT iitsim DOT ac DOT in)

# Queries?

IF THERE ARE NONE, LET US START !!