

# SWAYAM-NPTEL Online Certification

<https://swayam.gov.in>

User Guide



# How to access the courses

- Go to: <https://swayam.gov.in>
- Click on the tab **sign-in/Register**
- Choose any of the given option to login to the page. (If you are an existing NPTEL learner, you can use Google as sign in option and use the same email id)
- For accessing the NPTEL courses go to :  
<https://swayam.gov.in/explorer?ncCode=NPTEL>
- Select a course from the list - You can filter using the Categories tab on the left in this page
- Click on the Course card - interested in.



# NPTEL

# SIGN-IN/REGISTER

https://swayam.gov.in



[About Swayam](#) | [All Courses](#) | [National Coordinators](#) | [Local Chapters](#)

COURSE CATALOG ▾

Search Catalog...



**SIGN-IN / REGISTER**

**\*\* ADMIT CARD - SWAYAM Exam May 2019 \*\*** **New**

Older SWAYAM courses **New**

Older NPTEL courses **New**

For Learners...

Acquire skills that  
meet your needs



## LOGIN PAGE

[HOME](#) [ABOUT SWAYAM](#) [ALL COURSES](#) [NATIONAL COORDINATORS](#)**Login:**

Login into SWAYAM using Facebook, Google, Microsoft or SWAYAM account.

Username

Password

OR

[Forgot your password?](#)

OR

Don't have an account? [Sign up now](#)

# How to access the courses

[About Swayam](#) | [All Courses](#) | [National Coordinators](#) | [Local Chapters](#)

COURSE CATALOG ▾

Search Catalog...



reviewer1@npTEL.iitM.ac.in ▾

Search



Course Title ▾

## FILTERS

National Coordinator

NPTEL ▾

Course Duration

All ▾

Course Exam Date

All ▾

Course Credits

All ▾

Upcoming (Enrollment Open)

Ongoing (Enrollment Closed)



### A short lecture series on contour integration in...

Prof. Venkata Sonti

IISc Bangalore



NPTEL



4 Weeks (Starts: 29-07-2019)

Exam Date: 29 Sept, 2019



### Accreditation and Outcome based Learning

Prof. S K. Das Mandal &amp; Prof. Arun Kumar Ray

IIT Kharagpur



NPTEL



8 Weeks (Starts: 26-08-2019)

Exam Date: 17 Nov, 2019



### Advanced Computer Architecture

Prof. John Jose

IIT Guwahati



NPTEL



8 Weeks (Starts: 29-07-2019)

Exam Date: 29 Sept, 2019



# How to Join the course

- Select the Course from the list of NPTEL courses.
- You can see the basic course details in the course page.
- Click on the “Join” tab
- Fill all the mandatory fields, agree to the terms of service, honor code and Join the course
- You will get a confirmation message on the top of the course page.
- You will also receive a welcome email from the course on joining the course.

# How to Join the course

Courses > Advanced Concrete Technology

## Advanced Concrete Technology

By Prof. Manu Santhanam | IIT Madras

This course explores the materials science of concrete, and attempts to bring about the understanding of concrete behavior from a fundamental perspective. The first part of the course discusses the structure and properties of concrete making materials. This is followed by mixture proportioning of high performance concrete, and a study of selected topics regarding fresh and hardened concrete behavior. The final part of the course deals with long term performance issues, related to creep, shrinkage and durability of concrete.

**INTENDED AUDIENCE:** Post-graduate students, and final year undergraduate students

**PREREQUISITES:** Basic course on Construction Materials in UG level. Additional course on Concrete Technology (UG level) is optional.

**INDUSTRY SUPPORT:** Civil contracting firms, Ready mixed concrete companies, Cement companies, Construction chemicals companies, Materials research laboratories etc.



JOIN

### COURSE LAYOUT

**WEEK 1** : Cement production and composition

### SUMMARY

Course Status :	Upcoming
Course Type :	Elective
Duration :	12 weeks
Start Date :	20 Jul 2018



# Fill the form

Country residing in currently *	India	▼
Profession *	Student	▼
Highest Qualification *	3 Year - Bachelor's degree	▼
Year of Graduation * ⓘ	1994	▼

## Education Details

Part of a SWAYAM local chapter? * ⓘ	Yes	▼
-------------------------------------	-----	---

If you are a student/faculty in a college, go to <http://npTEL.ac.in/LocalChapter/> and check if your college is an SWAYAM Local Chapter

State *	Daman and Diu	▼
---------	---------------	---

College/School Name *	GOVERNMENT POLYTECHNIC, DAMAN, DAMAN, DAMAN AND DIU
-----------------------	---

Tip: Start typing your City or College name for automatic filtering

College/School Roll No. *	jg
---------------------------	----

Degree * ⓘ	BE	▼
------------	----	---

Department * ⓘ	Architecture	▼
----------------	--------------	---

Study Year * ⓘ	- Select -	▼
----------------	------------	---

☒ I agree to SWAYAM Terms of Service.

☒ I agree to follow the Honor Code.

We've updated our form, please ensure all the required fields have been filled properly to activate the 'Update Profile' button.

[Update Profile](#)



# Confirmation Message



reviewer1@nptel.iitm.ac.in ▾

NPTEL » Advanced Concrete Technology

Thank you for registering for the course. Click the Announcements tab for important information. X

**Announcements**

Course

Ask a Question

Progress

Mentor

FAQ

Course outline

There are new announcements since your last visit. Please have a look.

## Welcome to SWAYAM-NPTEL Online Course: Advanced Concrete Technology

2019-05-20

Dear student

Welcome to SWAYAM-NPTEL Online Courses and Certification!

Thank you for signing up for our online course "Advanced Concrete Technology". We wish you an enjoyable and informative learning experience.



# My Profile/My Courses

- After joining the course - you will see your enrolled email id on the top right corner of the page.
- Select the dropdown next to that email id.
- **My Profile** – You can see your profile information and also there will be an option to edit your profile.
- **My Courses** – You can see your current enrolled courses



## NOTE:

1. For accessing the past enrolled courses please visit <https://onlinecourses-archive.nptel.ac.in/>
2. For accessing the certificate and scores of your past courses please visit <https://nptel.ac.in/noc>



# My Profile/My Courses

← → ↻ [https://onlinecourses.nptel.ac.in/noc19\\_ce44/announcements?force=true#registration\\_confirmation](https://onlinecourses.nptel.ac.in/noc19_ce44/announcements?force=true#registration_confirmation)

reviewer1@nptel.iitm.ac.in ▾

NPTEL » Advanced Concrete Technology

Announcements Course Ask a Question

Course outline

There are new announcements since your last visit. Please have a look.

Welcome to SWAYAM-NPTEL Online Course: Advanced Concrete Technology

2019-05-20

MY PROFILE

MY COURSES

SIGN-OUT

# Edit Profile

<https://swayam.gov.in/profile>

Home > Profile

## MY PROFILE

Account Info >

### Account Info

EDIT PROFILE

Name \*

reviewer1

Mobile Number \*

+91 98846 86692

Email \*

reviewer1@npTEL.iitm.ac.in

Which age group do you  
belong to? \*

40-50

Country residing in currently \*

India

Profession \*

Faculty

Highest Qualification \*

Doctoral degree



# Course Content

- Lecture videos, transcripts, notes and Assignments can be accessed through Course Outline tab on the left side of the page.
  - Click on the Unit to access to the lessons of the course.
  - Click on the lesson to watch the lecture video.
  - Below the video ask a question tab is available, click on that to ask your query in the particular time of the video.

## ASSIGNMENT:

- To access the assignment for the week, click on the Assignment link inside a particular unit in Course Outline.
  - Every assignment has its own due date and time - shown in red colour. Within this due date and time, assignment needs to be submitted.
  - The assignment question can be different types.



# Course Content

Announcements Course Ask a Question Progress FAQ

Register for Certification exam

Course outline

How to access the portal

Week 0

Module 1 - Introduction

Module 2 - Forecasting

Module 3 - Aggregate Planning

Module 4 - Deterministic Inventory

Module 5 - Production Consumption Models, Economic Lot Scheduling

Module 6 - Lot sizing, aggregation

Module 7 - Safety inventory

Module 8 - Scheduling, workshops

Download Videos

Text Transcripts

Assignment Solutions

Interaction Session

**COURSE INTRODUCTION**

This course introduces the viewer to the basics of Operations and Supply Chain Management. The concepts in Operations Management are restricted to the planning and operational decisions within an organization while the supply chain concepts are for a network of organizations. The main emphasis of the course is on the basic concepts and on quantitative modeling of the various decision problems.

3573 students have enrolled already!!

**ABOUT THE INSTRUCTOR**

**Dr. G. Srinivasan**  
Professor  
Department of Management Studies

Input size, worst case, average case

Text Version

Input size, worst case, average case

Input size ...

- Input size for numbers
  - Is  $n$  a prime?
- What should be the input size? Magnitude of  $n$ ?
- Arithmetic operations are performed digit by digit
  - Addition with carry, subtraction with borrow, multiplication, long division ...
- Number of digits is input size
- Same as  $\log_b n$  when we write  $n$  in base  $b$

2:26 / 10:27

Ask a question

Determining Input size; Flexibility in choosing basic operations; Worst case vs average case complexity

Video can be downloaded using the link: <http://nptel.ac.in/courses/106106131/6>



# Types of Assignments

## Autograded assignments

- Multiple Choice Questions - one correct answer
- Multiple Select questions - more than one correct answer
- Fill in the blanks - number or a word to be entered
- Programming Assignment - C, C++, Python, Java, Verilog

## Manually evaluated

- Essay type
- Document upload

## Peer review assignment



# NPTEL Announcement Tab

- On the course page, click on the “Announcements” tab
- In this tab, the course instructor will post the announcements regarding the course. Please check this section regularly.
- A mail regarding any new announcement will also be sent to the mail ID that you have used to join the course.



reviewer1@nptel.iitm.ac.in ▾

NPTEL » Advanced Concrete Technology

Announcements

Course

Ask a Question

Progress

Mentor

FAQ

Course outline

## Welcome to SWAYAM-NPTEL Online Course: Advanced Concrete Technology

2019-05-20

Dear student

Welcome to SWAYAM-NPTEL Online Courses and Certification!

Thank you for signing up for our online course "Advanced Concrete Technology". We wish you an enjoyable and informative learning experience.

### Details regarding the course:

Name of the course: Advanced Concrete Technology

Course url: [https://swayam.gov.in/nd1\\_noc19\\_ce44/preview](https://swayam.gov.in/nd1_noc19_ce44/preview)

Course duration : 12 weeks

The course will begin on 29th July 2019. When content is released on the portal, you will get an email alerting you.

### CONTENT AND ASSIGNMENTS





- Any doubts regarding the course can be posted in the “Ask a Question” section. Concerned faculty or their teaching assistant will reply your query.
- If you know the answer to any question asked by someone else, you can also answer.
- Click on the New Question to post a new question.
- Click on the Join group in the discussion forum, to subscribe to the forum and get email updates.

NPTEL » Advanced Concrete Technology

Announcements Course **Ask a Question**

## Discussion Forum

Course outline

**NEW QUESTION**  Mark all as read Filters ▾

 Search

Discussion forum for Advanced Concrete Technology Shared publicly

1 of 1 topics (1 unread) 

**Join group**



# Progress Tab

- Progress tab will have your name(whichever you have updated in the profile), enrolled date, and the email id
- Your assignment scores will be visible after the due date of the assignment and will all be scored out of 100 marks each.

## **Subscribe/Unsubscribe:**

- To stop receiving announcement/forum mails from course click on “Click here to Unsubscribe”
- In order to again receive announcement mails, click on “Resubscribe”



# Progress Tab

Courses » Operations and supply chain management

Announcements

Course

Ask a Question

**Progress**

FAQ

Register for Certification exam

## Course outline

How to access the portal

Week 0

Module 1 - Introduction

Module 2 - Forecasting

Module 3 - Aggregate Planning

Module 4 - Deterministic Inventory

Module 5 - Production consumption Models, Economic Lot Scheduling

Module 6 - Lot sizing, Disaggregation

Module 7 - Safety inventory

Module 8 - Scheduling, Flowshops

Module 9 - Job shop scheduling, Line Balancing

Module 10 - Line balancing, Location, Layout

iitm

Date enrolled	2018-11-07
Email	nocadmin@npTEL.iitm.ac.in
Name	iitm

### Assessment scores

Assignment 0	--
Assignment 1	100.0
Module 1 Assignment	100.0
Module 3 Assignment	100.0
Assignment 4	100.0
Assignment 5	100.0
Assignment 6	100.0
Assignment 7	100.0
Assignment 8	--
Assignment 9	--

### Certificate

Subscribe/Unsubscribe(Announcement)	You are currently receiving course-related emails. <a href="#">Click here to unsubscribe.</a>
Unsubscribe from Forum	If you want to unsubscribe from discussion forum, <a href="#">Click here.</a>

[Manage course registration from your profile](#)



# Mentor Tab

For students of SWAYAM Local Chapter colleges alone:

- You can select a mentor from your college.
- The mentor is normally a faculty member nominated by your college for each course - to monitor your progress and help you with the course.
- To select a mentor, click on “Mentor” tab.
- This will give a drop-down list of mentors available from your college for this course. Select any one from this list.
- In order to remove mentor, go to Mentor tab. Then click on Remove mentor.

**NOTE: For more details please contact the Single point of Contact(SPOC) of your college.**



Hope the guide is useful.  
Happy Learning!

For any queries regarding NPTEL course  
please write to [support@nptel.iitm.ac.in](mailto:support@nptel.iitm.ac.in)

