

# Netaji Subhash Engineering College

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## Online Unit Test (OUT), MAY 2020

Name of the Department: Civil Engineering

Year: 2nd Year

Course Name: Introduction to Fluid Mechanics

Course Code: CE (ES) 401

Exam Date: 18/05/2020 Exam Time: 10-11 AM Exam Duration: 1 (One) Hour

Exam Mode: Google Form / GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: Module-1,2,3,4

% of Completion of total Syllabus: 70%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING DEPARTMENT

Year: 2ND YEAR, 4TH SEM

Course Name: CONCRETE TECHNOLOGY

Course Code: CE (PC) 404

Exam Date: 18/05/2020

Exam Time: 04PM – 5PM

Exam Duration: 1 hr

Exam Mode: Google Form / GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: MODULE – 1,2,3,4,5,6

% of Completion of total Syllabus:80%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING DEPARTMENT

Year: 2ND YEAR

Course Name: SOIL MECHANICS- I

Course Code: CE (PC) 401

Exam Date: 19/05/2020

Exam Time: 10 A.M.

Exam Duration: 1

HOUR

Exam Mode: Google Form /GATE tutor / Other (Please mention): GOOGLE FORM

Syllabus of the Course for this OUT:

- 1) MODULE 1 - Soil as a three-phase system (weight volume relationships)
- 2) MODULE 2 -Index properties of soil
- 3) MODULE 3 – Permeability
- 4) MODULE 6 - Shear strength of soils (Shear strength introduction, Mohr coulomb theory, Relationship between Principal stresses and cohesion and direct shear test)

% of Completion of total Syllabus: 85-90%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING

Year: 2nd Yr ( 4th Sem)

Course Name: Civil Engineering Societal and Global Impact

Course Code: CE(HS)401

Exam Date: 19/05/20

Exam Time: 04:00p.m-5p.m

Exam Duration: 60 min

Exam Mode: Google Form /GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT:

Module 1: Introduction

Module 2: Understanding the importance of civil engineering

Module 3: Infrastructure

Module 4: Environment

Module 5: Built Environment

% of Completion of total Syllabus: 90%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING

Year: 2<sup>nd</sup> Yr ( 4<sup>th</sup> Sem)

Course Name: Surveying & Geomatics

Course Code: CE(PC)403

Exam Date: 20/05/20

Exam Time: 10:00a.m-11a.m

Exam Duration: 60 min

Exam Mode: Google Form /GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT:

Module 4 : Advance surveying

Module 5: Photogrammetric surveying

Module 6: Remote sensing

Module 7 :Digital image processing

% of Completion of total Syllabus: 90%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING DEPARTMENT

Year: 2ND YEAR

Course Name: Environmental Engineering -I

Course Code: CE(PC)402

Exam Date: 20/05/2020      Exam Time: 04:00 PM – 05:00 PM      Exam Duration: 1 HOUR

Exam Mode: Google Form /GATE tutor / Other (Please mention): GOOGLE FORM

Syllabus of the Course for this OUT:

- 1) MODULE 1 – Water Requirement Estimation
- 2) MODULE 2 - Sources of water

% of Completion of total Syllabus: 65%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CE

Year: 2nd

Course Name: Introduction to Solid Mechanics

Course Code: CE(ES)402

Exam Date: 21.05.2020

Exam Time: 10 AM -11 AM Exam Duration: 1 Hr.

Exam Mode: Google Form / GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: BMD & SFD, BENDING STRESS AND SHEAR STRESS, TRUSS, DEFLECTION, COLUMN

% of Completion of total Syllabus: 100%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING DEPARTMENT

Year: 3RD YEAR (6<sup>th</sup> Sem)

Course Name: HIGHWAY AND TRANSPORTATION ENGINEERING

Course Code: CE 601

Exam Date: 18/05/2020

Exam Time: 10 A.M.

Exam Duration: 1 HOUR

Exam Mode: Google Form /GATE tutor / Other (Please mention): GOOGLE FORM

Syllabus of the Course for this OUT:

MODULE 3 – HIGHWAY GEOMETRIC DESIGN (Sight distances, Camber, Centrifugal Ratio & Superelevation, Extra widening of pavements & Design of Transition Curves)

MODULE 4 – PAVEMENT DESIGN (Plate Load test, Group Index & CBR method of flexible pavement design, Design of Rigid pavements)

MODULE 6 – TRAFFIC ENGINEERING (Theory of traffic flow and traffic capacity)

% of Completion of total Syllabus: 85-90%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CE

Year: 3<sup>rd</sup> year (6<sup>th</sup> Sem)

Course Name: Pre-stressed Concrete

Course Code: CE604B

Exam Date: 18.05.2020

Exam Time: 4 PM-5 PM

Exam Duration: 1 Hr.

Exam Mode: Google Form / GATE tutor / Other (Please mention):

Syllabus of the Course for this OUT: INTRODUCTION TO PRESTRESSED CONC, ANALYSIS, LOSS, DEFLECTION, SHEAR AND FLEXURAL RESISTANCE,

% of Completion of total Syllabus: 100%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: Civil Engineering

Year: 3<sup>rd</sup> Year (6<sup>th</sup> Semester)

Course Name: Construction Planning & Management

Course Code: CE603

Exam Date: 19/05/2020

Exam Time: 10AM-11AM

Exam Duration: 1hr

Exam Mode: Google Form /GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: Module -1,2,3,5,7

% of Completion of total Syllabus: 85%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: Civil Engineering

Year: 3<sup>rd</sup> year (6<sup>th</sup> Semester)

Course Name: B Tech in Civil Engineering – Design of Steel Structures

Course Code: CE602

Exam Date: 19-05-2020      Exam Time: 04:00 PM – 05:00 PM      Exam Duration: 1 Hour

Exam Mode: Google Form /GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: Materials & Specifications including Plastic Modulus with Limit State etc., Connections, Tension Members & Compression Members.

% of Completion of total Syllabus: 50 %

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## Online Unit Test (OUT), MAY 2020

Name of the Department: Department of Civil Engineering

Year: 4<sup>th</sup> year (8<sup>th</sup> Sem)

Course Name: Environmental Pollution and Control

Course Code: CE801A

Exam Date: 18/05/2020

Exam Time: 10-00 A.M.

Exam Duration: 1 hour

Exam Mode: Google Form / GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: Air Pollution & Control, Noise Pollution & Control. Industrial Wastewater Characteristics & Treatment

% of Completion of total Syllabus: 80 %

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## Online Unit Test (OUT), MAY 2020

Name of the Department: CIVIL ENGINEERING

Year: 4<sup>nd</sup> Yr ( 8<sup>th</sup> Sem)

Course Name: Remote Sensing and GIS

Course Code: CE801 C

Exam Date: 18/05/20      Exam Time: 10.00.m-11a.m      Exam Duration: 60 min

Exam Mode: Google Form /GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT:

Module 1: Introduction

Module 2: photogrammetry

Module 3: Satellite survey

Module 4: Astronomy (Half of the Module)

% of Completion of total Syllabus: 95%

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## Online Unit Test (OUT), MAY 2020

Name of the Department: Civil Engineering

Year: 4th Year

Course Name: Pavement Design

Course Code: CE 802D

Exam Date: 18.05.2020

Exam Time: 4-5 PM

Exam Duration: 1hour

Exam Mode: Google Form /GATE tutor / Other (Please mention): Google Form

Syllabus of the Course for this OUT: Module-3: Pavement Material Characterization, Module-5: Analysis and Design of Rigid Pavements, Module-6: Pavement Overlay Designs

% of Completion of total Syllabus: 90%

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