Sardar Patel Institute of Technology
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated to University of Mumbai)

1.3.2 – Institutional Programme Notices for certificate/value added programs with course modules and outcomes.

INDEX

Sr. No.	Description	Page No.
1	Sample of notices of value-added programs	2-5
2	Sample of modules of value-added programs	6-15

Bharatiya Vidya Bhavan's
Sardar Patel Institute of Technology
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai – 400 058-India.
(Autonomous Institute Affiliated to Mumbai University)

NOTICE

Date: 15/01/2024

All the students of Second Year (UG), Third Year (UG) Final year (UG), First Year (PG) who have taken NPTEL are hereby reminded that NPTEL courses Enrolment in many courses is about to close. You are required to complete the courses enrollment at the earliest. After that you must register for the course (examination) by paying requisite fees online at the NPTEL website (Retain the fees receipt, useful to claim the refund) While registering select the checkbox to " Can we share your scores with your college *" as Yes. This will help in verification of your course result. Failing to which your results may get delayed.

After registering to the course please update to Dr. Sukanaya Kulkarni (Controller of Examinations and

Dr. Y. S. Rao
Dean Academics & Research, SPIT Mumbai

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Andheri (W), Mumbai-58.

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Sardar Patel Institute of Technology
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(Autonomous Institute Affiliated to Mumbai University)

NOTICE

Date: 05/01/2022

All the students of Second Year (UG), Third Year (UG) Final year (UG), First Year (PG) who have taken NPTEL are hereby reminded that NPTEL courses Enrolment in many courses is about to close. You are required to complete the courses enrollment at the earliest. After that you must register for the course (examination) by paying requisite fees online at the NPTEL website (Retain the fees receipt, useful to claim the refund) While registering select the checkbox to " Can we share your scores with your college *" as Yes. This will help in verification of your course result. Failing to which your results may get delayed.

After registering to the course please update to Prof. Govind Haldankar (Controller of Examinations

Dr. R. G. Sutar
Dean Academics, SPIT Mumbai

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NOTICE

Date: 05/09/2020

All the students of Second Year (UG), Third Year (UG) Final year (UG), First Year (PG) who have taken NPTEL are hereby reminded that NPTEL courses registration in many courses is about to close. You are required to complete the courses registration at the earliest. After registering to the course please update to Prof. G.T. Haldankar (Controller of Examinations and NPTEL coordinator

Dr. R. G. Sutar

Dean Academics, SPIT Mumbai

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NOTICE

Date: 20/04/2020

All the students of Second Year (UG), Final year (UG)students, First Year (PG) who have taken NPTEL/MOOC are hereby informed that their grade calculation will be based on the assessment of the assignments completed in the NPTEL /MOOC course.

Dr. R. G. Sutar

Dean Academics, SPIT Mumbai

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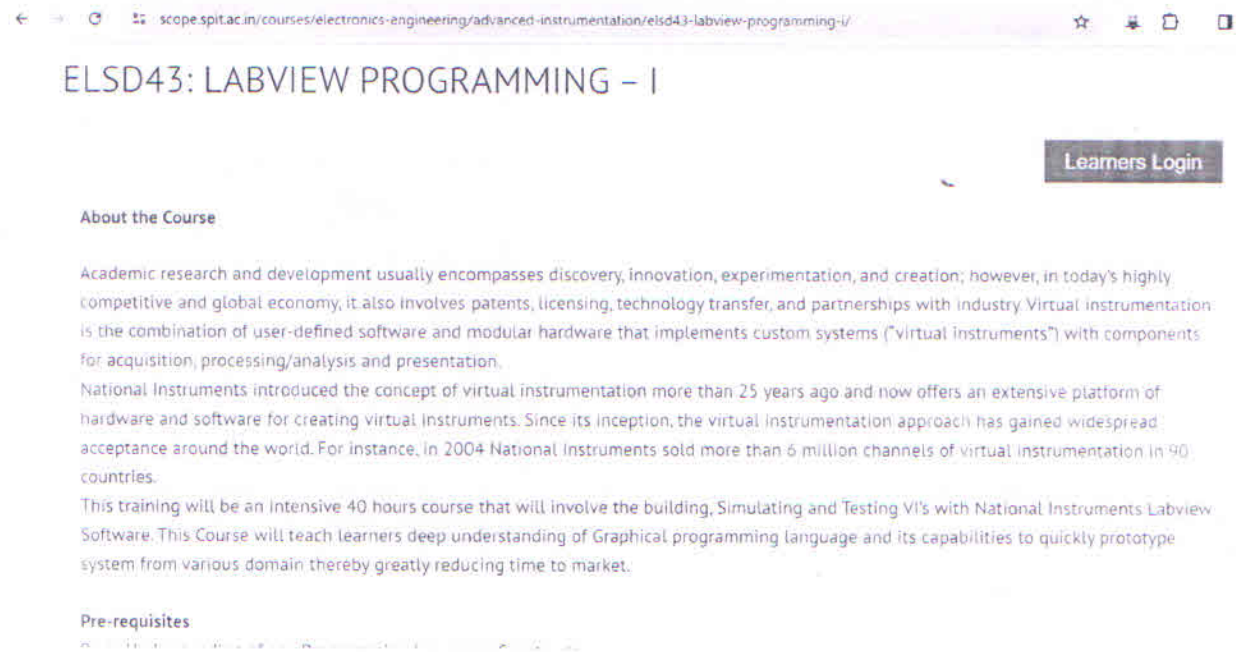
SCOPE



Link: https://scope.spit.ac.in/courses/electronics-engineering/advanced-instrumentation/elsd43-labview-programming-i/

Advanced Instrumentation Module 1: LabVIEW Programming-I (Group-3) (Batch-1)	SCOPE	Offline	2018-19

Linux System and Network Administration Module 1: Linux System and Network Administration (Group-1) (Batch-1)	SCOPE	Offline	2017-18

Link: https://scope.spit.ac.in/courses/electronics-and-telecommunication/networking-and-security/linux-system-administration/

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Linux System Administration

Why Learn Linux?

- Internet, Super Computers, Smart Devices, Space Technologies, Corporation's , Credit Card Systems, Sensor Devices , Submarine, Watches Networking , Raspberry Pi, and over a billion Smartphones is powered by Linux.
- With rise of IoT(Internet of Things) , Linux is definitely a mandatory skill needed to survive in Technology domain in coming years
- Recruiters prefer ease to work in Linux environment as an essential skill"over other skills in the domain. Linux background provides tremendous "job opportunities
- Top tier companies such as Google, Facebook, IBM, Oracle and many other work with Linux or either of its UNIX based derivatives
- Major Foreign Universities , IITs and IISc widely use Linux environments for Desktop Computing and consider Linux knowledge as key prerequisite for the course

Highlights:

- 100% Hands-On Experience Courses
- Certificate Course

Advances in Antenna Module 1: Antenna Design, Fabrication and Testing (Batch-1)	SCOPE	Offline	2017-18

Link: https://scope.spit.ac.in/courses/electronics-and-telecommunication/advances-in-antenna/etsd53antenna-design-fabrication-and-testing/

Expert System Design & Development Module 2: Application Development using Neural Network & Fuzzy Logic (Batch-1)	SCOPE	Offline	2018-19

Link: https://scope.spit.ac.in/courses/computer-engineering/expert-system-design-and-development/cesd14-application-development-using-neural-network-and-fuzzy-logic/

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scope.spit.ac.in/courses/computer-engineering/expert-system-design-and-development/cesd14-application-development-using-neural-net...

CESD14: Application development using Neural Network and Fuzzy Logic

Course Layout

In this, we will cover the basics of learning with demonstration by using perceptron Training algorithm. The gradient descent algorithm in Backpropagation helps participants to understand and apply to build supervised expert system for any real-life problems.
It covers the use of the Gaussian method in Radial Basis function with example.
This module covers the design of unsupervised system using Hopfield network.
The application like signature verification, pattern recognition can be design using associative memory(BAM).This module focusing on handling uncertainty , vagueness issues while designing an expert system using Fuzzy logic. The course will be accompanied by hands-on problem solving with programming in Java and Python and also covers the tools like ,OpenNN, Joone, FuzzyTech and other important open source tools available.

Contents

Perceptron, gradient descent algorithm, BPN, RBF Networks, Hopfield Network, BAM
OpenNN, Java, JooNE

Fuzzy Rules and Fuzzy Set Operations, First Order Logic, Fuzzy Predicate Logic
fuzzyTECH , Java

ETSD53: Antenna Design, Fabrication and Testing

Course Co-ordinator:
Prof. Reena Sonkusare
Associate Professor
EXTC Dept., S.P.I.T
Email: reena_kumbhare@spit.ac.in

Schedule Dates:
29th July 2017 (Saturday) : 4 hrs
5th August 2017 (Saturday): 6 hrs
12th August 2017 (Saturday): 4 hrs
19th August 2017 (Saturday): 6 hrs

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About the course

In the 1890s, there were only a few antennas in the world. These rudimentary devices were primarily a part of experiments that demonstrated the transmission of electromagnetic waves. By World War II, antennas had become so ubiquitous that their use had transformed the lives of the average person via radio and television reception. The number of antennas in the United States was on the order of one per household, representing growth rivaling the auto industry during the same period.

By the early 21st century, thanks in large part to mobile phones, the average person now carries one or more antennas on them wherever they go. This significant rate of growth is not likely to slow, as wireless communication systems become a larger part of everyday life. In addition, the strong growth in RFID devices suggests that the number of antennas in use may increase to one antenna per object in the world (product, container, pet, banana, toy, cd, etc.). This number would dwarf the number of antennas in use today. Hence, learning a little (or a large amount) about of antennas couldn't hurt, and will contribute to one's overall understanding of the modern world.

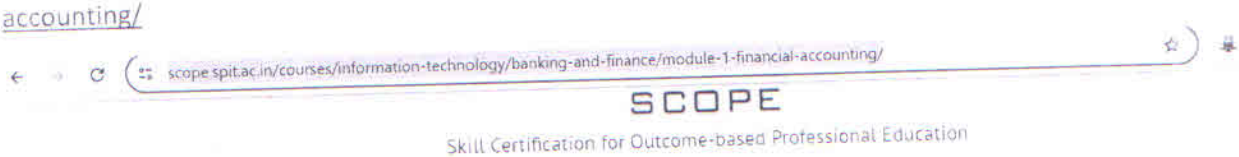
Major Classification of Antenna Includes:

1. Yagi-Uda Antenna
2. Horn antenna
3. Antenna array
4. Parabolic Reflectors and

Banking and Finance Module 1: Financial Accounting (Batch-1) | SCOPE | Offline | 2017-18

Link:

https://scope.spit.ac.in/courses/information-technology/banking-and-finance/module-1-financial-accounting/



Home > Courses > Information Technology > Banking And Finance > Module 1 – Financial Accounting

Module 1 – Financial Accounting

Overview & Introduction

- Significance of Accounting
- Accounting concepts & conventions and policies
- Double-Entry Book Keeping system

Accounting Cycle

- Journal & Subsidiary Books

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Applied Algorithms and Data Structures with Java

Pre Reads	Basics of java, Writing a Hello World Program, Loops and Conditional Statements, Basics of Classes
Module 1	Java Basics Revision, OOP concepts
	Basic Data structures : Arrays, Lists, Stacks, Queues - Time Complexities
	Linked Lists, Trees - Binary, BST, N-Ary - Time Complexities, Recursion
Module 2	Maps, Hashing, Collision, HashTable
	Design Concepts and Real World Aplication Design- Interface, Abstract Classes, Java Good Coding practices
	Code Kata
Module 3 (Optional)	Graph, Tree vs Graph, Tree Traversals
	Dynamic programming, memoization
	Threading + Hardware level + Operating system

There will be 2 (two) tests overall. 1 (one) midterm test and other would be end term test.

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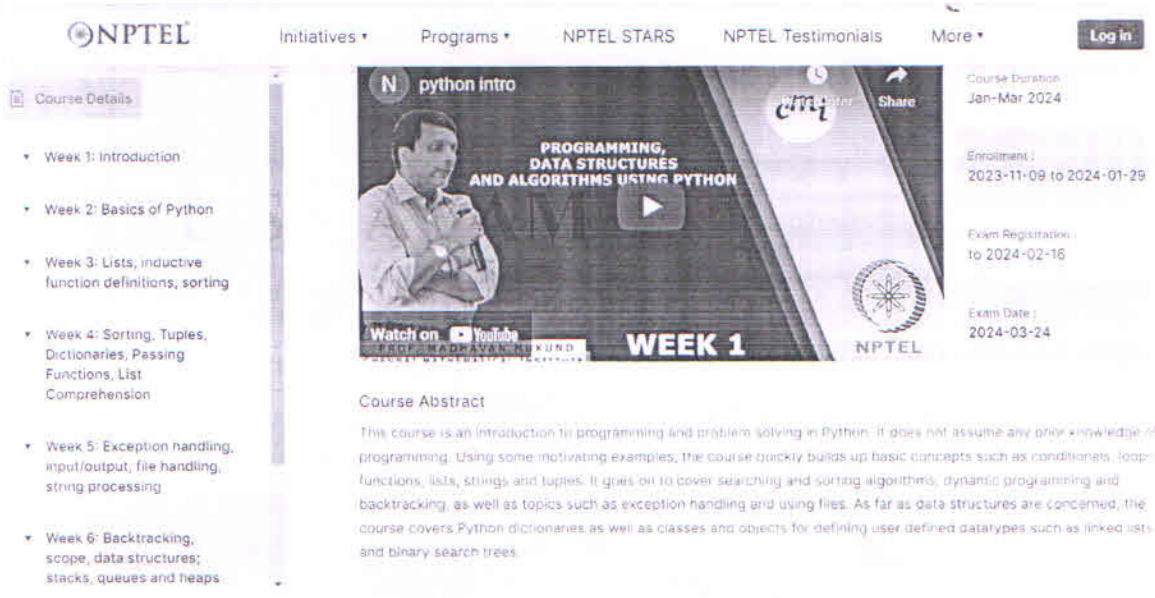
NPTEL/SWAYAM

Programming, Data Structures And Algorithms Using Python	noc19-cs40	SWAYAM(Online)



Python for Data Science - Online	noc19-cs59	SWAYAM(Online)

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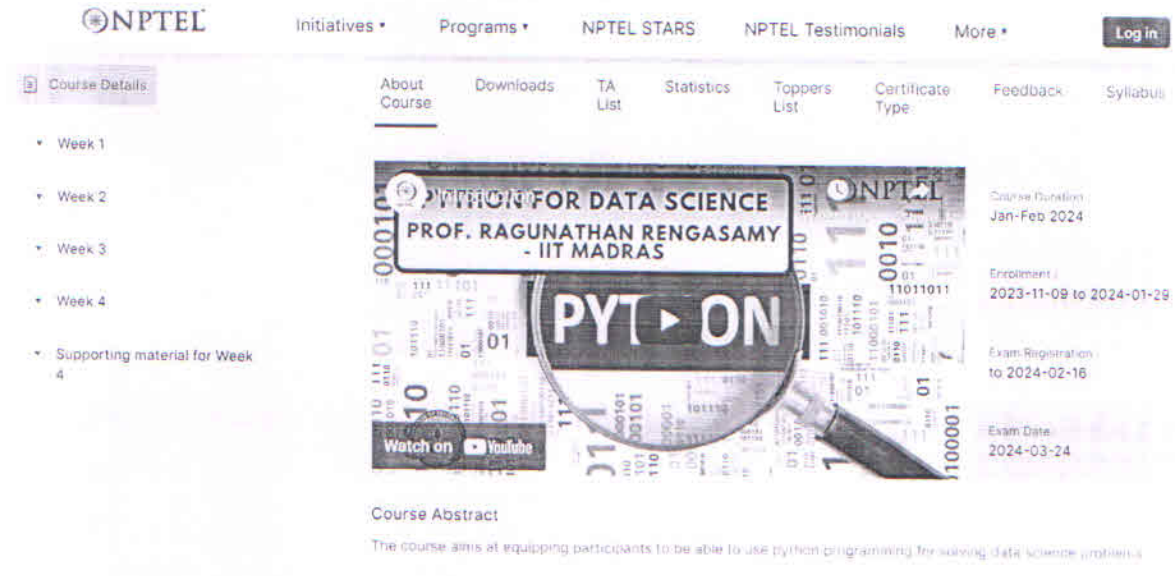
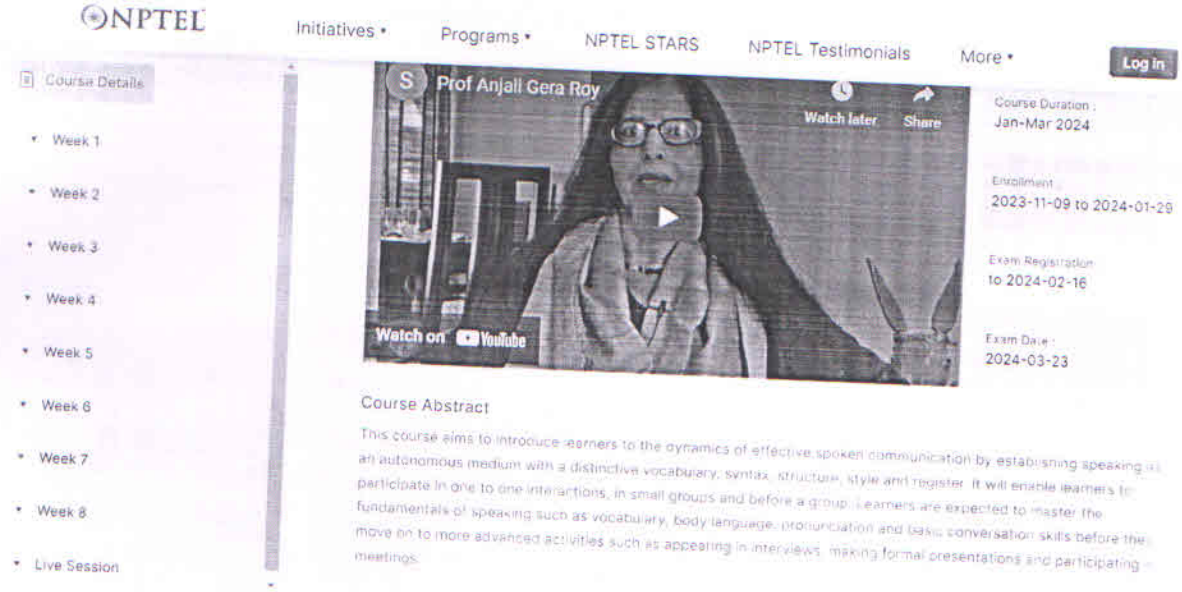


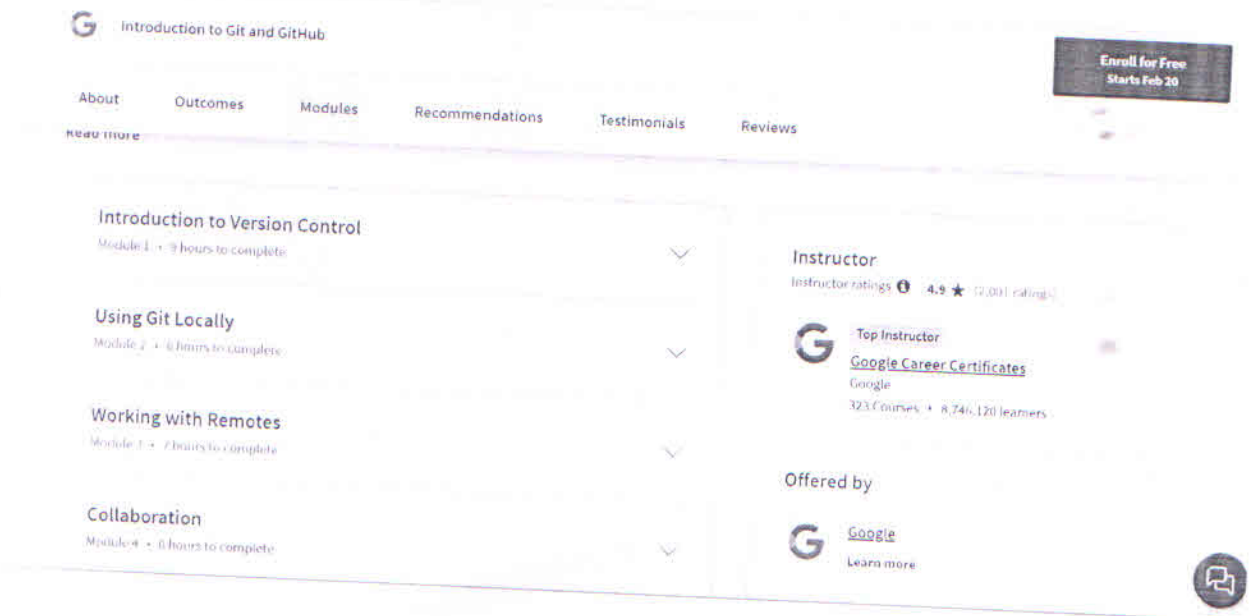
Indian Economy: Some Contemporary Perspectives	noc21-hs51	SWAYAM(Online)

Speaking Effectively	noc21-hs05	SWAYAM(Online)

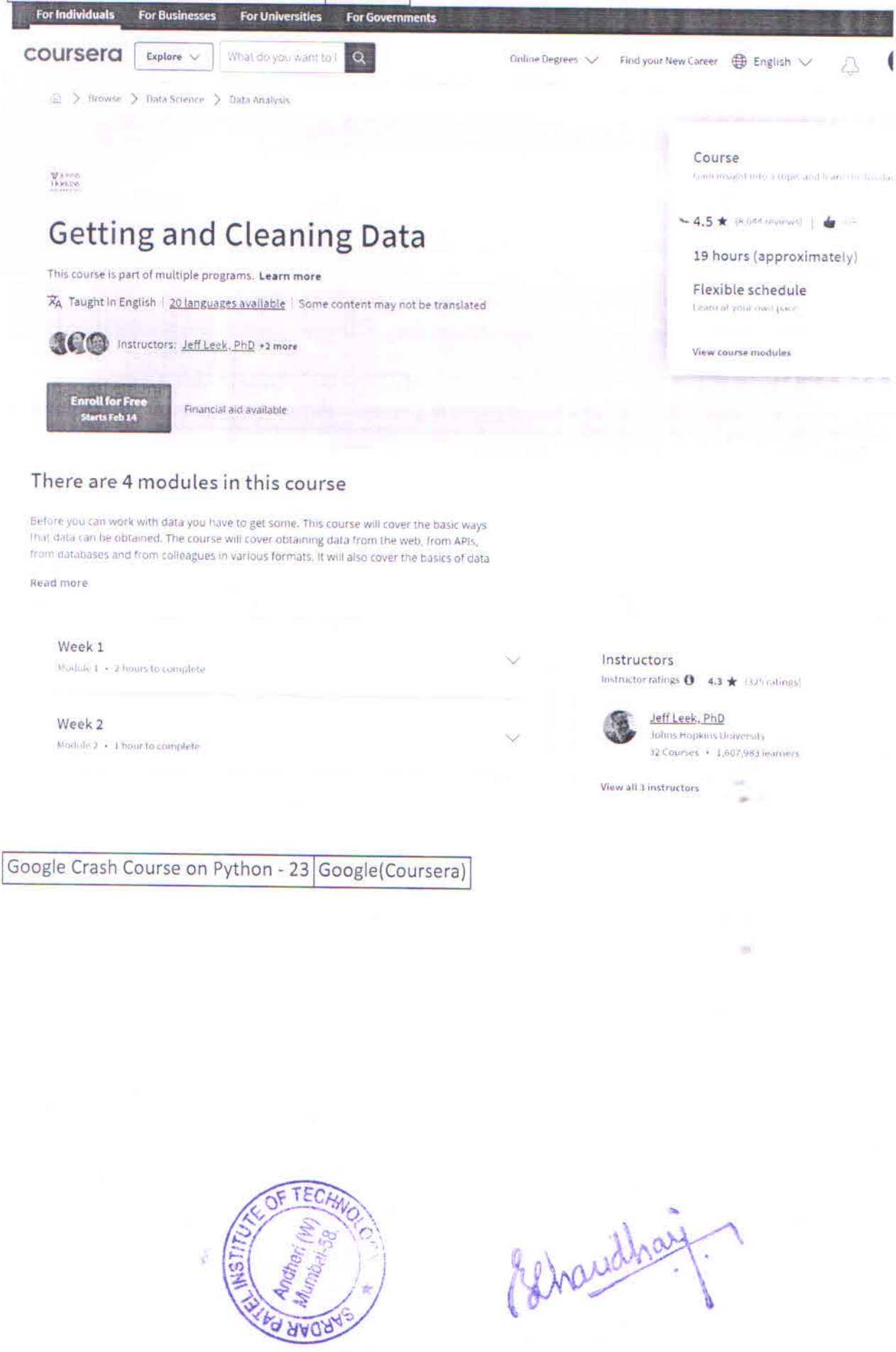


Coursera

Introduction to Git and GitHub (18 hours) | Coursera



Getting and cleaning data (21 Hours) | Coursera



Google Crash Course on Python - 23 | Google(Coursera)

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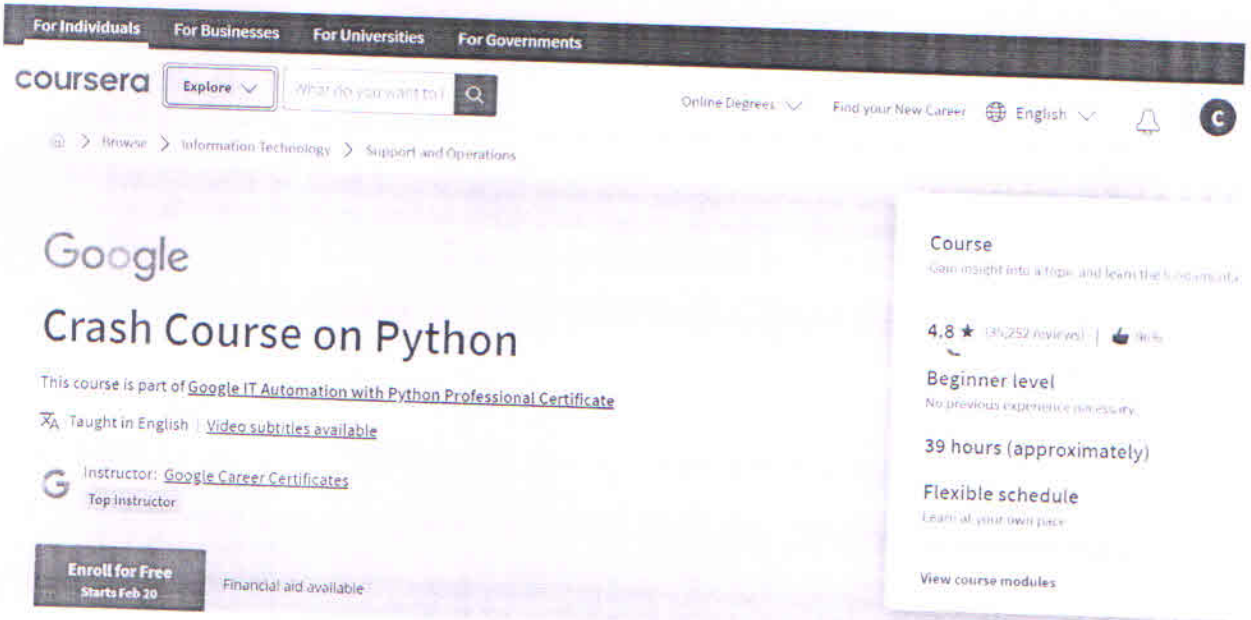
Bhaudhay



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Rchaudhary