



Shiv Chhatrapati Shikshan Sanstha's
Rajarshi Shahu Mahavidyalaya
(Autonomous), Latur.
NAAC Accredited With "B++" Grade
One Week Online
Faculty Development Programme
(COVID Lock Down 2020)

On
Scilab

(Pandit Madan Mohan Malaviya National
Mission on Teachers and Teaching)
01st May to 7th May 2020
in association with



"Spoken Tutorial Project"
Indian Institute of Technology,
Bombay

CHIEF PATRONS:

Hon. Dr. Gopalrao Patil.

President, Shiv Chhatrapati Shikshan Sanstha, Latur

Hon Dr. P. R. Deshmukh

Vice President, Shiv Chhatrapati Shikshan Sanstha, Latur

Hon. Principal Anirudh Jadhav

Secretary, Shiv Chhatrapati Shikshan Sanstha, Latur

Hon. Dr. Raosaheb Kavale

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Spoken Tutorial Project IITB

CO -ORDINATOR

Dr. Renuka R. Londhe

(HoD, Computer Science and Spoken Tutorial Coordinator)

Mr. Mahesh Wavare

(HoD, Mathematics)

CONVENER

Dr. Abhijit Yadav

(Assistant Professor and IQAC Coordinator)

HOW TO APPLY?

Participant should register on the following link. The registration link will be open till 30th April 2020. Participants will be selected on a **First Come First Serve Basis**. Limited seats are available for the said FDP. **e-Certificate will be provided after successfully completion of the FDP.**

Link:

<https://forms.gle/cbAX8vwwGTpz7fJv6>

email address Should be different from already provided with Spoken Tutorial, IIT, Bombay for another course if any

CONTACT PERSONS

- ★ **Dr. Renuka Londhe (9545226333)**
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- ★ **Mr. Mahesh Wavare (8668380847)**
- ★ **Ms. Sayyad Iqra (8208593815)**

IMPORTANT INSTRUCTIONS

1. Resource material is available:
https://spoken-tutorial.org/tutorial-search/?search_foss=Scilab&search_language=English
2. Contact Hours: 11:00 am To 4:00 pm.
3. Link to join the Telegram Group
<https://t.me/joinchat/S172XRkGQompubro92yeSQ>
4. Last Date of Registration: **30th April 2020**

ABOUT THE COLLEGE

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, with 'Pursuit of Excellence' as its mission has emerged as an institution with a difference and is prepared to ceaselessly strive for excellence. The college established in 1970 by Shiv Chhatrapati Shikshan Sanstha, being a multi faculty college is affiliated to Swami Ramanand Teerth Marathwada University, Nanded. In a short span the college acquired recognition for its quality education both at +2 and UG\PG level all over the state and the country. The Govt. of Maharashtra honored us with 'Ideal Educational Institute' award in 2000. The college has the distinction of being the first institution in our region going for the NAAC accreditation in 2003 ('A' grade-88.25%) and retained it in the re-accreditation in 2010 (CGPA-3.38). Recently college is accredited by NAAC for III cycle and received B++ Grade with CGPA 2.99. College has secured 'A' grade in external academic audit conducted by Swami Ramanand Teerth Marathwada University, Nanded. College has bagged rank in rank band 101 to 150 in NIRF-2017 ranking. College is certified with ISO 9001:2015 (QMS) in 2019. Also college has bagged Best College Award from Parent University in 2008-2009. The college has CPE-status awarded by UGC and completed its III phase. The college is supported by DST under FIST scheme. College is benefited by UGC-BSR Scheme in 2013. The college got 'Autonomy' in 2013-14, the only in our region and successfully received extension to Autonomous status by UGC. Autonomy has empowered us to introduce innovations in Academics and Research.

ABOUT THE FDP

Scilab is a Mathematical and scientific calculation software, open source substitute for MATLAB, very useful for all science and engineering researchers, teachers and students, in academics particularly.

OBJECTIVES OF FDP

- To Provide a Platform to the participant to acquire detailed knowledge about Scilab
- To Provide a Platform to the participant to acquire knowledge about Different tools in Scilab
- Awareness about the use of Scilab tools for the research.

ELIGIBILITY

1. Faculty members of the university, Science Colleges, engineering colleges, management institutions at Degree /Diploma levels, research scholars are eligible to participate. As number of participants is limited, preference will be given to First Come First Serve Basis. All the Participants are required to fill up online registration form before the deadlines.
2. Registration is FREE for all participants.

FDP CONTENTS

- ★ Introduction to Scilab and its benefits.
- ★ Installation and getting started
- ★ Vector operations and Matrix Operations
- ★ Conditional branching and iterations
- ★ Scripts and functions, plotting 2D graphs
- ★ File Handling, Integration
- ★ Solving Linear equations and methods
- ★ Interpolation

BENIFITS OF SCILAB

Scilab includes hundreds of mathematical functions. It has a high level programming language allowing access to advanced data structures, 2-D and 3-D graphical functions.

A large number of functionalities are included in Scilab: control, simulation, optimization, signal processing, and Xcos, the hybrid dynamic systems modeler and simulator is provided with the platform.

Important Note: The Spoken Tutorial Project team conducts workshop on Scilab using spoken tutorials and gives certificate to those who pass the online test (Score required for passing 40%)



Date: 1st to 7th May 2020