# North Eastern Regional Institute of Science and Technology, Arunachal Pradesh

(Deemed to be University, Under MHRD, Govt. of India)

# Organizing One Week (Online) Short Term Training Program on Python 3.4.3

*In Association with*

**IIT Bombay Spoken Tutorial**

*Under*

**Pandit Madan Mohan Malviya National Mission on Teachers and Teaching**

**&**

**NMEICT funded by MHRD, Govt. of India**

**From 9th Sept. to 15th Sept., 2020**

**Last Date of Registration 7th September, 2020**

## spoken-tutorial

Powered by
Ministry of Human Resources and Development,
Government of India

## Registration Fees

For Faculty: ₹ 500/-
For Student: ₹ 200/-

## Registration Link

https://forms.gle/VP7KLL56AToX5dnR9

# Schedule of Remote Short Term Training Program

| Date | Day | Topics | Details |
|---|---|---|---|
| 9th September, 2020 | Wednesday | • Getting started with Ipython<br>• Using plot command interactively<br>• Embellishing a plot<br>• Saving plots<br>• Multiple plots<br>• Subplots | Video links will be shared on 9th September 2020, 10.30AM |
| 10th September, 2020 | Thursday | • Additional features of IPython<br>• Loading Data From Files<br>• Plotting Data<br>• Other Types Of Plots<br>• Plotting Charts | Video links will be shared on 10th September 2020, 10.30AM |
| 11th September, 2020 | Friday | • Getting started with Lists<br>• Getting started with for<br>• Getting started with strings<br>• Getting started with files<br>• Parsing data<br>• Statistics | Video links will be shared on 11th September 2020, 10.30AM |
| 12th September, 2020 | Saturday | • Getting started with arrays<br>• Accessing parts of arrays<br>• Image manipulation using Arrays<br>• Basic Matrix Operations<br>• Advanced Matrix Operations | Video links will be shared on 12th September 2020, 10.30AM |
| 13th September, 2020 | Sunday | • Least square fit<br>• Basic datatypes and operators<br>• Sequence datatypes<br>• Input-output<br>• Conditional Statements<br>• Loops | Video links will be shared on 13th September 2020, 10.30AM |
| 14th September, 2020 | Monday | • Manipulating lists<br>• Manipulating strings<br>• Getting started with tuples<br>• Dictionaries<br>• Sets in Python | Video links will be shared on 14th September 2020, 10.30AM |
| 15th September, 2020 | Tuesday | • Getting Started with Functions<br>• Advanced Features of Functions<br>• Using Python Modules<br>• Writing Python Scripts<br>• Testing and Debugging<br>• Handling Errors and Exceptions | Video links will be shared on 15th September 2020, 10.30AM |

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### PATRON

**Prof. H.S. Yadav, Director, NERIST**

### CONVENOR

**Dr. Rajesh Kumar**
**Institute Coordinator-ST-IITB, NMEICT , MHRD, Govt. of India.**

### PROGRAM COORDINATOR

**Mr. Pradeep Kamboj**
**Coordinator (CSE), -ST-IITB, NMEICT, MHRD, Govt. of India.**

### ST - TRAINING COORDINATOR

**Mr. Partha Goswami**
**Training Coordinator, Arunachal Pradesh**
**Spoken Tutorial [ST], IIT Bombay - NMEICT, MHRD, Govt. of India.**

## Organizing Committee Members

- *Mr. P. Devachandra Singh, Coordinator (EE)-ST-IITB, NMEICT, MHRD, Govt. of India.*
- *Md. S. Mujaheed Khan , Coordinator (ME)-ST-IITB, NMEICT, MHRD, Govt. of India.*
- *Dr. N.N. Yadav , Coordinator (CH)-ST-IITB, NMEICT, MHRD, Govt. of India.*
- *Dr. Pradeep Kumar, Coordinator (FO)-ST-IITB, NMEICT, MHRD, Govt. of India.*
- *Mr. Edison Singh, Coordinator (ECE)-ST-IITB, NMEICT, MHRD, Govt. of India.*
- *Mr. Tage Tapang, Coordinator (AE)-ST-IITB, NMEICT, MHRD, Govt. of India.*

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