Sanjay Ghodawat University Kolhapur
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Summary Report on One-Week Online S.T.T.P

The One week online workshop on "Programming Techniques using Python & MATLAB" had been successfully organized between 1-5th March 2021 by Dept. of Electronics Engg., Sanjay Ghodawat University, Kolhapur, Maharashtra This online S.T.T.P was sponsored by I.S.T.E, New Delhi.
The details of the FDP is as follows,

Title: **"Programming Techniques using Python & MATLAB"**

Objectives: The main objective of the workshop was to acquaint participants with basic knowledge of Python programming using different I.D.E. Python interfaces like **Google Colab** & **Jupyter Notebook** are tools which can be used for assessment & distribution of Python programs. Basic programming & G.U.I designing was taken , so that faculty & research scholars can use it in projects & research work.

The broad topics of the coverage are:

1. Introduction to Google Colabs & different Python IDE.
2. Jupyter Notebook
3. Introduction to Python programing
4. Working on Strings
5. Python Decision Making and Flow Control
6. Python Functions
7. Python Decision Making and Flow Control
8. Bigdata Analytics using Python
9. MATLAB basics Scalar, vectors and variables & functions in MATLAB
10. Advanced Programming using Graphical User Interface in MATLAB

Resource persons:

1. Er. Suraj T. Sawant, C.O.E.P, Pune.
2. Er.Ravikant S. Khamitkar,N. B. N Sinhgad College of Engineering, Solapur.

3. Er.Saurabh Chandrakar Sr.Engineer, B.H.E.L Corporate R & D, Hyderabad.
4. Dr. Amol Bhagat, R.M.C.O.E, Badnera.
5. Er. Akshay G. Bhosale, S.G.U, Kolhapur
6. Dr. Nilesh Bhaskarrao Bahadure, Associate Professor & HoD, Department of Electronics Engg., SGU Kolhapur

Coordinators of the Program:

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