

DATE: 11/08/2020

Event Coordinator(s)

1. Prof. Smita Pawar
2. Prof. Shailaja Udtewar

Time & Place:

20th July 2020 to

11th August 2020

8:00 a.m to 10:00 a.m

Department:

**Electronics and
Telecommunication**

No. of participant:

61 Students

TE (16)

BE (45)

OBJECTIVE:

Electronics and Telecommunication department had organized a four week Online Student Development Program on “Data Structures and Algorithms Using Python” which brings together the professors from IT, Computer and EXTC department to be the resource person and give in-depth knowledge of Data Structure and Algorithm and Python. This was a great opportunity for EXTC students to learn the subject while having hands on sessions on coding in python. This course was demanded by EXTC students from placements point of view.

SCOPE:

This SDP was planned for third year and final year EXTC students to have a practice of the Data structure and Algorithms subject and have hands on sessions in Python.

RESOURCE PERSONS:

1. Prof. Chhaya Narvekar (IT)
2. Prof. Sushma Khanvilkar(Comp)
3. Dr.Vijay Katkar(IT)
4. Prof. Jaychand Upadhyay (IT)
5. Prof. Vijay Jumb (Comp)

Prof. Smita Pawar and Prof. Shailaja Udtewar had organized and took the responsibilities of coordinators for the course.

TOPICS COVERED:

1. Linear Data Structures
2. Stacks, queues and linked list
3. Nonlinear data structures
4. Graphs and Trees
5. Analysis of Algorithms
6. Sorting Techniques
7. Searching Techniques
8. Hashing
9. Real time applications
10. Overview of Interview Questions

Reference books and Session wise resource material including PPTs and code was uploaded on Google classroom.

Homework and quizzes were conducted and result was shared with the participants.

A participation certificate was provided to 36 participants after attempting all the quizzes

FEEDBACK:**Sunil Nayak**

All the sessions was knowledge oriented approach. Also I would like to thankyou Shailja mam and Smita mam for arranging the session which was really beneficial for us. Thankyou

Deepak

It was nice and knowledgeable event for all.

Sarvesh Bhatam

Thank you Smita mam for arranging this session and also to all the teachers who explained us the dsa basic concepts.

Raghuveer

The course is going very good i very much like how the concepts are being cleared.

Shantanu

Very nicely explained by the teachers

Prof. Shailaja Udtewar

Prof. Smita Pawar

Event Coordinator(s)

Dr. Vidya Sarode

HOD EXTC

Dr. Y. D. Venkatesh

Principal