



Bhoj Reddy Engineering College for Women

(Sponsored by Sangam Laxmibai Vidyapeet, approved by AICTE and affiliated to JNTUH)
Vinaynagar, IS Sadan Crossroads, Saidabad, Hyderabad – 500 059, Telangana. www.brecw.ac.in



Department of Information Technology

02 December 2022

Report on "Python with Flask"

IT Department has organized a Two-day workshop on "Python with Flask" for III B Tech IT-A & B on 28 & 29 November 2022. 132 students got registered. The workshop was scheduled between 09:30 to 16:30 Hrs. The resource team for the workshop was from Pantech e-Learning Pvt Ltd.



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Department of Information Technology

A Two-day Workshop on Python with Flask

28 & 29 November 2022 for III BTech IT A and B Students

Timings: 09:30 to 16:30 (Hrs)

Venue: IT Lab-I Room No: SB-216
IT Lab-II Room No: SB-212
IT Lab-III Room No: SB-213

Conducted by Pantech E Learning Solutions Pvt Ltd, Hyderabad



Figure: Workshop Banner

The first day (28 November 2022) of the workshop started with an inaugural function attended by the Dr. E Madhusudhana Reddy-Principal, G Dayakar Reddy-Vice Principal, Dr C Murugamani -HOD, Workshop in-charge, resource persons from Pantech e-Learning, IT staff, and III IT A & B students. The venue was seminar hall 2 (West Block).



Figure: Inauguration session

In the inaugural Session, Dr. E Madhusudhana Reddy described the importance of Python and also discussed the Flask framework. The session proceeded with IT-HOD who enlightened the students with the knowledge of Python in the ongoing world. Later Mr. Hariram, the Resource person for Pantech e-Learning, described the importance of Python with the Flask framework. After that in the first session, he explained to students about Python introduction and why it is used for different types of projects on artificial intelligence and machine learning, installation of Python, and its libraries. After the lunch break, the afternoon session of the workshop dealt with OpenCV and numpy libraries, programs that deal with images of different colors, shades, and sizes, QR Code generation, and templates are also explained.

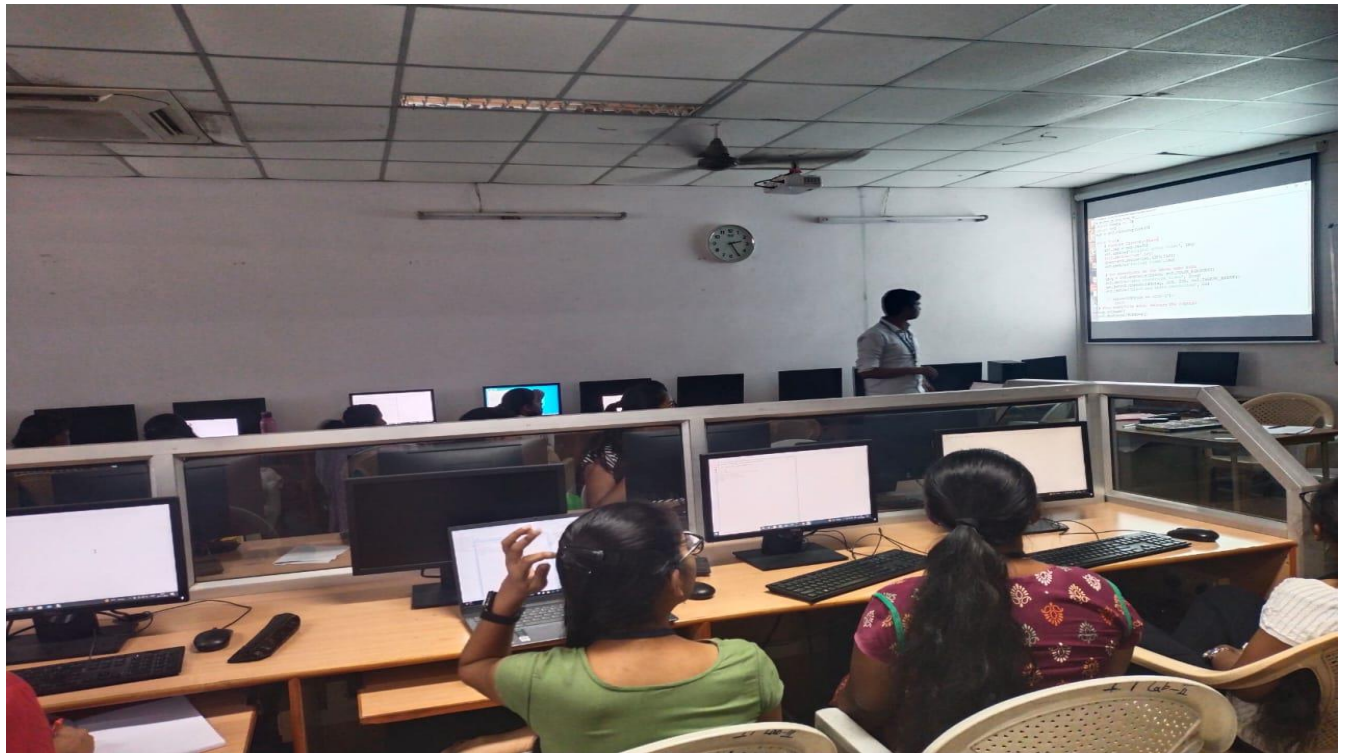


Figure: Day 1 of the workshop

On the second day (29 November 2022) of the workshop, the Forenoon session started with the Flask framework introduction, history, and installing and creating the flask environment. Then applications and advantages are explained.





Figure: Day 2 of the workshop

The afternoon session programs on http methods (get, head, post, put, delete). Created codes on templates and static files, text-to-speech and speech-to-text recognition, virtual trial room, and live- video streaming.

Common sessions were conducted for III IT B on the 28th and 29th of November 2022. At the end of the session, Dr. C Murugamani (HoD-IT) interacted and took feedback with the Pantech team, students, and faculty. Certificates of participation were given to each of the students and the session concluded with a vote of thanks by Ms. Ch Varsha (III IT B Student).

Section	Date	Number of students Registered	Number of students present	No. of students absent (HT. No)
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
III IT-A	28 November 2022	66	FN-66 AN-66	NIL
	29 November 2022		FN-66 AN-66	NIL
III IT-B	28 November 2022	66	FN-65 AN-65	01
	29 November 2022		FN-65 AN-65	01

The following faculty members coordinated in smooth conduction of workshop:

Dates of Conduction	Teaching Staff	Non- Teaching Staff
<i>1</i>	<i>2</i>	<i>3</i>
28 and 29 November 2022	Ishrath Nousheen S Revathi T Sudha Md Shakeel Dr M Sandhya Rani T Santosh Pravalika	B Revathi P Pavani
28 and 29 November 2022	Ishrath Nousheen S Revathi M Shravanthi Md Shakeel Dr M Sandhya Rani T Santosh Pravalika	B Revathi P Pavani



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Workshop on Python with Flask

Certificate of Appreciation

This Certificate is presented to Mr/Ms _____ of
Information Technology department for his/her outstanding contribution in organising a Two-Day workshop on
" **Python with Flask** " at Bhoj Reddy Engineering College for Women, on 28 & 29 November 2022.

Pantech E Learning Solutions
CEO

Dr E Madhusudhana Reddy
Principal

Figure: Sample Certificate

Some Glimpses of the valedictory function:





