

Fulari Prakash B.
Department of Mathematics
Date: 29/12/2021

To,
The Principal,
Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati.

Subject: Report of the workshop on Introduction to Programming Languages.

Respected Sir,

On the occasion of National Mathematics Day, we have organized three days online workshop on "Introduction to Programming Languages" for S.Y.B.Sc. and T.Y.B.Sc. (Mathematics) under Entrepreneurship Development Cell of our college. This programme was held on 22nd to 24th December 2021 (from 09:00 AM to 11:00 AM). The 44 students and 5 teachers of the department of Mathematics participated in this workshop.

The resource person for first session (22nd Dec. 2021) of the workshop was Miss Sanyukta Tiwari, Software Developer, Siemens Technology and Services, Pune. She started with computer evaluation and smoothly moved towards programming languages by explaining various generations of computer. Then she discussed how mathematics is involved in designing of programming languages with some examples and moved in the direction of recent computer trends. Finally, she concludes her session with how programming languages were used in Artificial intelligence, Bioinformatics and Cyber security. The resource person for second session (23rd Dec. 2021) of the workshop was Mr. Sharad Wagh, Lead Software Engineer, Siemens Technology and Services, Pune. He started with demonstration of 'how to use online compiler for different languages?' further he explained different datatypes and how computer store and process the data in memory. Then he explained difference between interpreter languages and compiler languages. After that he explained functions, gave short introduction of C++, and ended the session by explaining the difference between procedural languages and object-oriented languages. The resource person for last session (24th Dec. 2021) of the workshop was Mr. Sumit Surwase, Lead Software Engineer, Siemens Technology and Services, Pune. He discussed the agenda of his presentation then he talked about history of Python and some features and uses of Python. Further he covered datatypes, list, tuples, dictionary, sets, operators, control statements and functions. Finally, he ended the session with brief introduction of file handling.

All the sessions were enjoyed thoroughly by the participants, and they asked a lot of questions because of that the sessions had witnessed a lot of interaction. We had taken feedback from participants using google form. I request you take a note of this activity.

Thank you very much for your guidance and support.

Forwarded to the
honorable Principal Sir

S. N. N. N.

29/12/21

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Yours faithfully


(Fulari P. B.)