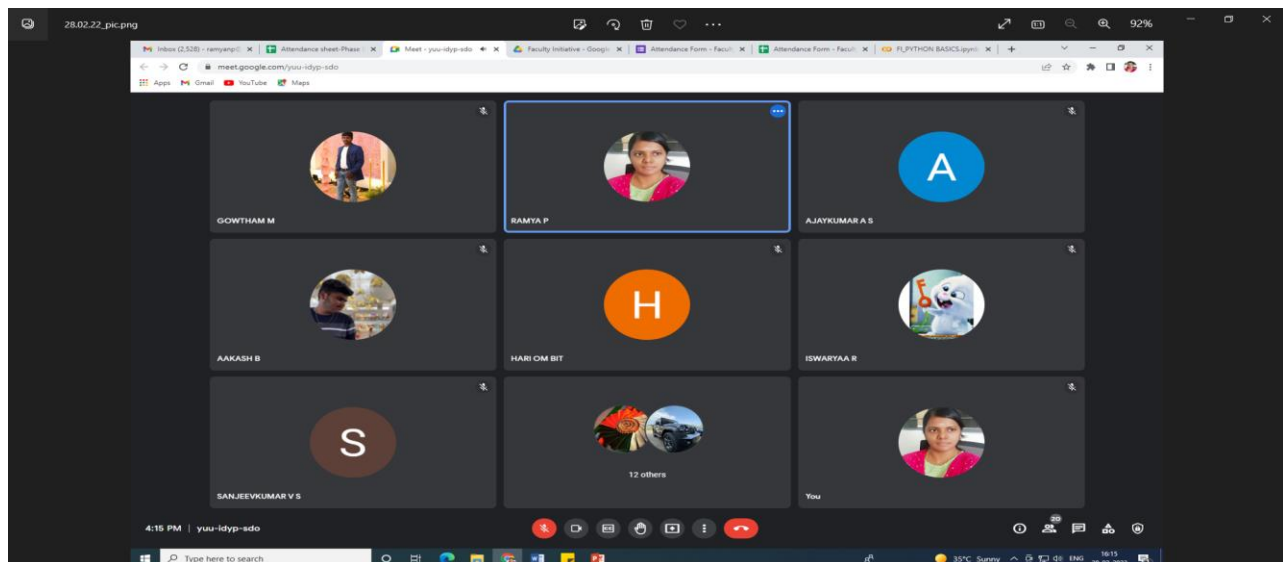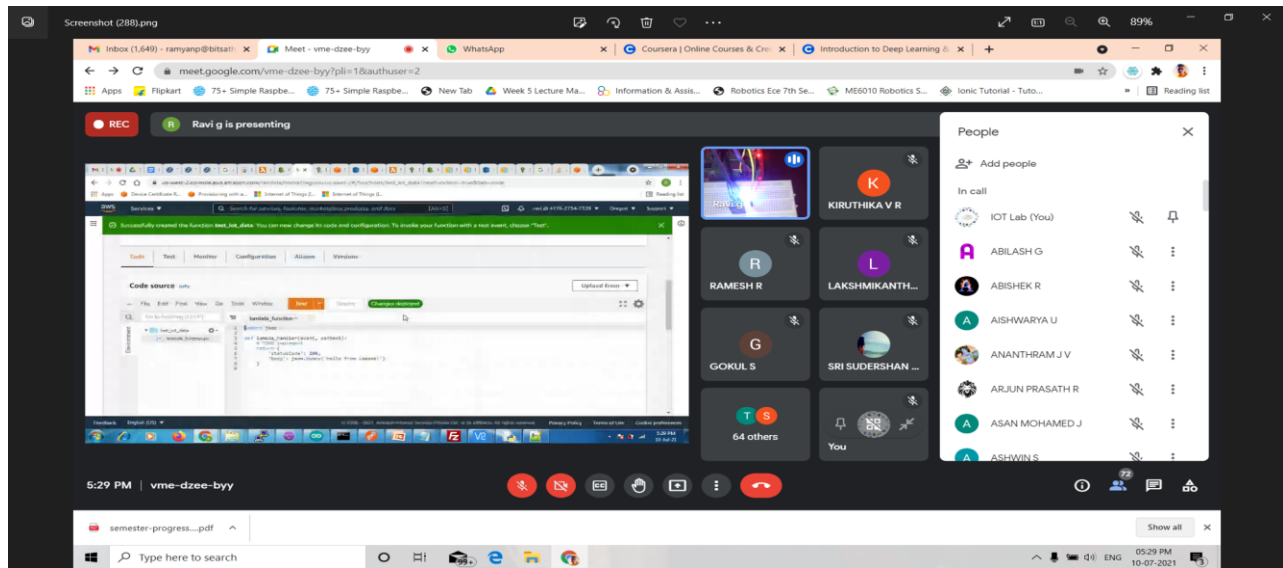# One day
On line Seminar
In
"JavaScript"
Organized by Department of Computer Science & Engineering
MITS
11th Oct 2021

Submitted by: Dr.V.C.Bharathi,ASP/ CSE, MITS

Opening Remarks by Coordinator of the Program:- Dr S.Vijayakumar, Assoc Prof in CSE Dept, AMS College of Engineering Namakkal. He stressed about the objective of the seminar, to create awareness about Programming Languages supports for software.
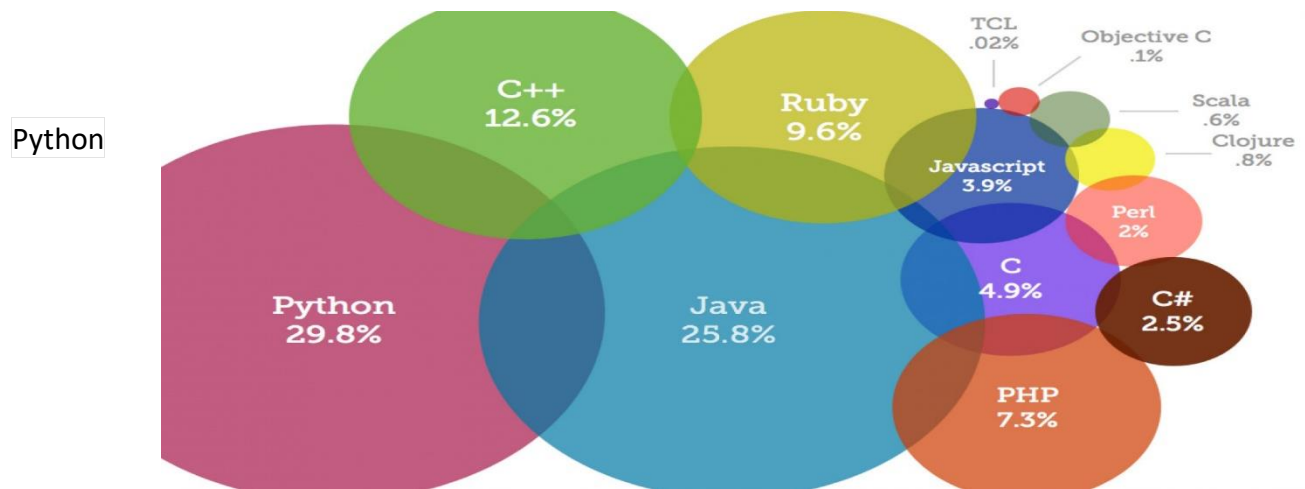
HoD CSE: The Professor and the Head, Department of Computer Science and Engineering, addressed about how Programming Languages is important in our software development. Then the session was handed over to Dr S.Vijaya kumar.

Session (10 AM to 1 PM)

Resouce person: Dr S.Vijaya kumar, Assoc Prof in CSE introduced the topic with a brief history of Programming Languages. He demonstrated the creation of executable files and methods to dissect it. This wasfollowed by a demonstration of implanting vulnerabilities inside the executable and subsequent exploitation of the same.

Vote of Thanks: Dr. S Babu thanked all the students for attending the seminar. He also extends his gratitude to our beloved principal, HOD and the management for their support.

Python

Benefits: Python is widely regarded as a programming language that's easy to learn, due to its simple syntax, a large library of standards and toolkits, and integration with other popular programming languages such as C and C++. In fact, it's the first language that students learn in the Align program, Gorton says. "You can cover a lot of computer science concepts quickly, and it's relatively easy to build on." It is a popular programming language, especially among startups, and therefore Python skills are in high demand.

Drawbacks: Python is not suitable for mobile application development.

Common uses: Python is used in a wide variety of applications, including artificial intelligence, financial services, and data science. Social media sites such as Instagram and Pinterest are also built on Python.

2. JavaScript

Benefits: JavaScript is the most popular programming language for building interactive websites; "virtually everyone is using it," Gorton says. When combined with Node.js, programmers can use JavaScript to produce web content on the server before a page is sent to the browser, which can be used to build games and communication applications that run directly in the browser. A wide variety of add-ons extend the functionality of JavaScript as well.

Drawbacks: Internet browsers can disable JavaScript code from running, as JavaScript is used to code pop-up ads that in some cases can contain malicious content.

Common uses: JavaScript is used extensively in website and mobile application development. Node.js allows for the development of browser-based applications, which do not require users to download an application.

3. Java

Benefits: Java is the programming language most commonly associated with the development of client-server applications, which are used by large businesses around the world. Java is designed to be a loosely coupled programming language, meaning that an application written in Java can run on any platform that supports Java. As a result, Java is described as the "write once, run anywhere" programming language.