MADANAPLLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS)

Report on Guest Lecture

How to Code Effectively?

Organized by

Department of computer Applications

03.08.2019

Submitted by: Mrs K. Surekha

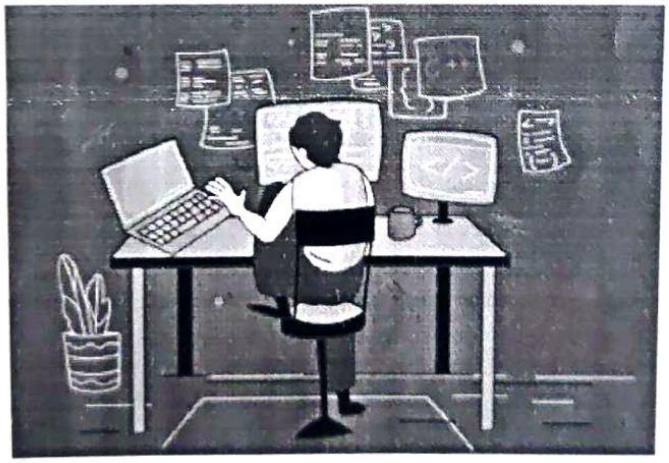
Attended: III Year(62 Students)

Venue: Seminarhall

Resource Person: GopiKrishna, CGI(2013 Batch)

The guest lecture was intiated by Dr VL pavani and Dr Ramesh Reddy with introductory about resource person and coding skills.

How to Code Effectively?



Coding might seem like an easy task. But coding *effectively* might not. Nowadays many programmers encounter multiple situations that have significant impacts on their work's productiveness; some help them achieve their objectives in a faster and more efficient way while some others just contribute to stress them and stuck them on their tasks. Everyone has a different strategy to deal with those situations, either because they have been through them or because someone else has told them how to deal with them. Based on my colleagues' and personal experiences, and looking forward in helping new and experienced programmers on their careers, I would like to share the following 5 advices I have compiled for coding *effectively* that have worked for me so far in my professional career. Hope you find them useful.

1. Find a comfortable working space:

Most programming and coding jobs are flexible enough that allow to work from home, a commo space, a library or even a coffee shop, without having to be at an office 8 hours per day 5 days pe week. However, the working environment will always have a highly significant impact on you work productiveness.

2. Use helps resources when in doubt:

It is impossible to know the syntax of all the libraries and functions that exist out there. For that reason, there are plenty of documentation and help resources that you can use whenever you have a question about a particular function or algorithm. Just type in the Google search bar "*How to (your question) in (programming language)*"; chances are someone else has already had the same question and had posted it in stack overflow.

3. When stuck, ask for help:

I know what you are thinking of: the imposter syndrome. You might be afraid that asking others for help could make you — and/or them — feel that you do not have the skills or expertise to hold your current job as a programmer or software developer. But don't worry. Asking for help to someone who knows more and has more expertise than you represents a great opportunity for learning something new, improving your skills, and getting advice, all while being able to solve your coding errors. In the same way, it represents a sign of humility.

4. Give your eyes some rest:

Staring for too long at a laptop's monitor can produce headaches, blurry vision and dizziness, especially on people who wear glasses. Giving your eyes some rest by stopping staring at it for some minutes can recharge your energies to continue working productively. Whenever you need to develop a code that will take you long to be completed, give yourself a 5–10 minutes break every hour to stop staring at your laptop's monitor

5. Don't stress out. Continue working tomorrow:

Your code doesn't run. You tried to debug it. Still doesn't run. You think you might have found the error. Still doesn't run. You either want to throw your laptop against a wall or continue debugging it until it runs.

Finally, the session was concluded with a vote of thanks by Dr. VL Pavani and Dr P.Ramesh Reddy.