

Department: MCA | Date: 14th to 19th October 2019

A One Week Add- On Course

on

“Computational Thinking Using Open source Tool “RAPTOR””

The Department of Master of Computer Applications, SVEC, organized a One Week Add-on course on “Computational Thinking Using Open source Tool “RAPTOR” from 14th to 19th October 2019.

The main objective of this Add-on Course is to introduce Open source Tool “RAPTOR” (Rapid Algorithmic Prototyping Tool for Ordered Reasoning) which provides a flowchart-based programming environment designed to help students to visualize their algorithms.

During the course, students learnt to develop a program by essential planning and its normal usage of pseudo code which gives a chance to see a “real-life” application of programming.

The welcome address was given by Dr. K. Suneetha, Head, Department of MCA, SVEC. She stated the objective and importance of RAPTOR. The members of faculty of MCA, SVEC, Mr. T. Naresh and Mr. G. Jagadeesh Kumar acted as resource persons for this Add-on course.



Resource Person Mr.G. Jagadeesh Kumar delivering a talk on RAPTOR

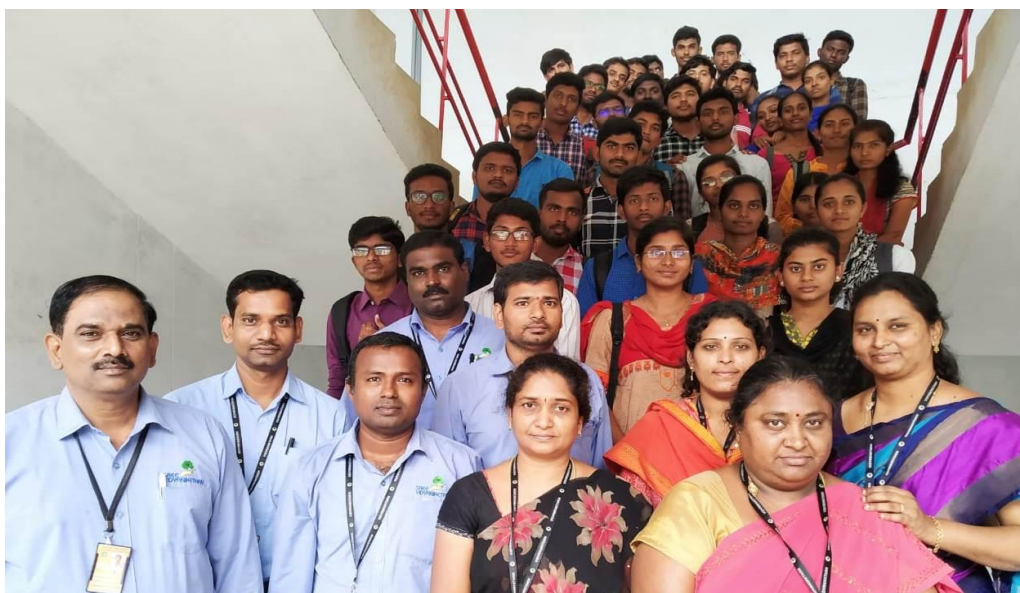
During the session, the resource persons delivered the concepts like Elements of RAPTOR; Input & Output Symbols; Control Structure Symbols; Arrays and Strings; Sub charts & Parameterized sub charts; and Flow chart representation for Recursive programs. Compared with other programming languages, the RAPTOR tool has minimal syntax (grammar) which means one can spend less time to learn it, debug syntax errors effectively and develop and design good logic for programs.

Also, the RAPTOR program is visual because it uses diagrams which allow one to understand the flow of control of the statements in every program easily.

Totally 45 students of MCA I semester participated and gained knowledge on RAPTOR. The valedictory function commenced on 19th October 2019 at MCA Lab in SVEC presided by Dr. K. Suneetha, Head, Department of MCA. The merit certificates were distributed to the participants.



Resource Person Mr.T. Naresh distributing the certificates



Members of faculty and students with the resource persons