Date: 21/10/2023

Department of Computer Science and Application

Report on Special Lecture

Scaled Agile with Azure DevOps

Department of Computer Science and Application and IQAC of SBRR Mahajana First Grade College, Mysore had jointly organized an Special Lecture on" Scaled Agile with Azure DevOps". The resource person was Sri. Santhosh P System Architecture Leader, Schneider Electric, Bengaluru.

The speaker began the discussion with the challenges faced in modern industrial automation. It lays the ground work by exploring the basics of software engineering and its relevance in the present context.

The resource person discussed the difficulties involved in developing a software, in that he took one image as an example and explained how product will be built, in step by step process. In this he elaborated the stage by stage development of the product right from the customer requirement to the end product.

The Waterfall paradigm and all of its steps were thoroughly explained by the speaker. After that, the Agile development life cycle was described, emphasizing the change from the conventional Waterfall methodology to the Agile approach. Agile enables flexibility and adaptability to meet changing requirements, whereas Waterfall frequently results in wasted effort where client satisfaction isn't achieved.

He gave a comparative study of Waterfall and Agile models. Agile has twelve guiding principles. The entire set of 12 principles which are both the Agile credo and a set of guidelines that promote flexibility and the acceptance of flaws was thoroughly discussed. It highlights how crucial a feedback loop is for fixing problems and boosting customer happiness.

The speaker then moved on to talk about Agile and Scrum. Scrum is an agile development method, it's process was explained and Scrum Agile framework was discussed with a detailed diagram. In the context of scaled Agile, Scrum is defined as the development of specific parts of a project within set time frames known as Sprints.

This iterative approach ensures that increments are ready for review after each Sprint, allowing for continuous feedback and improvement. The Scrum process is described by speaker, which includes an Agile development team, a Scrum Master, and Sprints which are defined time intervals. A clear strategy and effective communication are essential elements that will ultimately result in the delivery of the finished project.

The speaker gave us an overview of the Devops, that covered the introduction of cyclic and continuous delivery, the advantages of Devops, and the life cycle of Devops.

One of the tool of Devops, that is azure Devops was discussed by taking one live project as an example in which resource person is working on and one video was played with gave better understanding of how Devops is used.

Dr.B.R. Jayakumari, Principal, and Smt. Shruthy Poonacha, Controller of Examination. Sri Radhesh Head of the Department of Computer Science and Application and the staff members of the department were present. 76 students of III-year BCA were the beneficiaries of this interactive session. At the end there was a question and answer session, in which the students participated actively.

Mahajana Education Society (R.)
Education to Excel

SBRR Mahajana First Grade College (Autonomous)
Jayalakshmipuram, Mysuru - 570 012
Affiliated to University of Mysore
Re-Accredited by NAAC with 'A' Grade, College with Potential for Excellence

Department of Computer Application (BCA)
&
IQAC
Organises
Special Lecture
on

Scaled Agile with Azure Devops

Resource Person
Sri Santhosh P B
System Architecture Leader
Schneider Electric, Bengaluru.

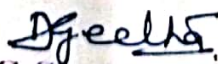**Date: 21.10.2023 Saturday**   **Time: 11.30 AM**
Venue: AVC-III

| HoD & Staff Dept. of Computer Application | Dr. S R Ramesh Chief Executive Officer & Academic Advisor | Dr. B.R. Jayakumari Principal |

Dr.B.R.Jayakumari

PrincipalAL
Smt. Bhagyalakshmamma Rattehalli Ramanna
Mahajana First Grade College (Autonomous)
Jayalakshmipuram, Mysuru-570 012

IQAC Coordinator
SBRR Mahajana First Grade College
(Autonomous)
Jayalakshmipuram, MYSURU-570 012

Sri Radhesh A

HOD of Computer Science

and Application
Head of the Department of
Computer Application
SBRR Mahajana First Grade College
(Autonomous)
Jayalakshmipuram, Mysuru-570 012