# School of Computer Science and Engineering
# Vellore Institute of Technology, Chennai.

## SWE2029 – Agile Development Process

### *Digital Assignment – III*

**Semester: Winter2020`21**              **Course Faculty : Dr. Rajesh M**

**Submission Duration: 01-05-2021 to 18-05-2021**

## *Instruction to follow:*

- Kindly prepare the **hand-written assignment** for the following questions and upload the same (**Scanned copy** in **word or pdf format**) in "Moodle" for evaluations on or before 18-05-2021.

- **Copied assignments will be awarded zero flatly**. So, please don't share your assignments to your friends. It will be checked in school plagiarism software.

- **Hand-written copy only considered for evaluation.**

## *List of Questions*

1. Microsoft's Developer Division is responsible for building massive software projects such as Visual Studio and Team Foundation Server. In recent times, management is interested in adopting the agile process. This can be achieved by migrating the existing waterfall-based projects with an agile framework. After successful migration, they adopt the SCRUM's processes.

(i)    As a scrum master, define the primary roles of the Scrum process framework.

(ii)    Describe the different events executed in the Scrum process.

2. "Ranbaxy Exports" is a food export industry, engaged in manufacturing, importing, trading, exporting, and supplying a wide range of food items and other household items. They have established a sophisticated infrastructure in India, which is spread across a wide area. This infrastructure is also divided into various departments and these departments are well-equipped with several machines that support manufacturing the products in bulk quantities.

(i)     Discuss the various agile metrics that improve the manufacturing of Ranbaxy organization.

(ii)    Explain how long is the sprint in Agile and how would you manage the sprint?

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