Report on

Seminar on "Software Engineering Risk Management"

Organized by Department of Computer Science & Engineering

Participants:

III Year B. Tech- Computer Science& Engineering Students-MITS

Submitted by: Dr.R.Sudhakar, Associate Professor, Department of Computer Science & Engineering

The Department of Computer Science & Engineering organized a seminar on Software Engineering Risk Management to B. Tech- III Year students on 16th September 2019 with the motto of empowering the student's knowledge in all the fields of Computer Science & Engineering.

Risk Management is an important part in project planning activities. It involves identifying and estimating the probability of risks with their order of impact on the project.

Risk Management Steps:
There are some steps which need to be followed in order to reduce risk. These steps are as follows:

1. Risk Identification:
Risk identification involves brainstorming activities. it also involves preparation of risk list.
Brainstorming is a group discussion technique where all the stakeholders meet together.
this technique produces new ideas and promote creative thinking.
Preparation of risk list involves identification of risks that is occurring continuously in previous software projects.

2. Risk Analysis and Prioritization:
It is a process which consist of following steps:
- Identifying the problems causing risk in projects
- Identifying the probability of occurrence of problem
- Identifying the impact of problem

- Assigning values to step 2 and step 3 in the range of 1 to 10
- Calculate the risk exposure factor which is product of values of step 2 and step 3
- Prepare a table consisting of all the values and order risk on the basis of risk exposure factor

3. Risk Avoidance and Mitigation:
The purpose of this technique is to altogether eliminate the occurrence of risks. so, the method to avoid risks is to reduce the scope of projects by removing non-essential requirements.

4. Risk Monitoring:
In this technique risk is monitored continuously by re-evaluating the risks, the impact of risk and probability of occurrence of risk.
This ensures that:
- Risk have been reduced
- New risk are discovered
- Impact and magnitude of risk are measured

Inauguration: The inaugural session started at 10:15 AM in the MBA seminar hall , Dr.R.Sudhakar invited Dr.Mahaboob Basha Shaik, Professor & HOD of Computer Science & Engineering, Dr.C.Yuvaraj, Principal, Dr.Ch.V.PhaniKrishna, Professor & HOD, Teegala Krishna Reddy Engineering College, Hyderabad; onto the dais.

Dr.R.Kalpana was requested requested to address the gathering. She addressed the students and explained the importance of Risk Management. She requested the students to learn perfectly in order to get the job or to reach the success.

Later Dr.Ch.V.PhaniKrishna Krishna give a brief introduction to Risk Management and detailed about the experiments they are going to train in the training session.

Vote of Thanks: Dr.R.Sudhakar proposed a vote of thanks. He thanked HOD and Dr.Ch.V.PhaniKrishna for attending the function. He extended big thanks to the principal, and the Management for their support to conduct the meeting.