Y-19 CSE 2020-21 ODD SEM MOOCs

3.Software Engineering

For Guided Regular:

1. Coursera – Software Development Lifecycle – University of Minnesota – Specialization
   There are 4 courses in this:
   1. Software Development Processes and Methodologies
   2. Agile Software Development
   3. Lean Software Development
   4. Engineering Practices for Building Quality Software

For Self-Regular:

1. Coursera – Software Development Lifecycle – University of Minnesota – Specialization
   There are 4 courses in this:
   1. Software Development Processes and Methodologies
   2. Agile Software Development
   3. Lean Software Development
   4. Engineering Practices for Building Quality Software
2. Coursera – Introduction to Git and GitHub – Google – Course

For Guided Advanced:

1. Coursera – Agile Development – University of Virginia – Specialization
   There are 4 courses in this:
   1. Agile Meets Design Thinking
   2. Hypothesis Driven Development
   3. Agile Analytics
   4. Managing an Agile Team

2. Coursera – Software Development Lifecycle – University of Minnesota – Specialization
   There are 4 courses in this:
   1. Software Development Processes and Methodologies
   2. Agile Software Development
   3. Lean Software Development
   4. Engineering Practices for Building Quality Software

For Self-Advanced:

1. Udacity – Software Architecture Design – Course
2. Coursera – Agile Development – University of Virginia – Specialization
   There are 4 courses in this:
   1. Agile Meets Design Thinking
   2. Hypothesis Driven Development
   3. Agile Analytics
   4. Managing an Agile Team
3. Coursera – Software Development Lifecycle – University of Minnesota – Specialization

There are 4 courses in this:
5. Software Development Processes and Methodologies
6. Agile Software Development
7. Lean Software Development
8. Engineering Practices for Building Quality Software
4. Coursera – Agile Projects: Develop Product Wireframe Prototypes in Miro – Guided Project
5. Coursera – Agile Projects: Creating User Stories with Value in Taiga – Guided Project
6. Coursera – Agile Projects: Defining Epics and Mapping Value with Taiga – Guided Project
7. Coursera – Agile Projects: Developing Tasks with Taiga – Guided Project
8. Coursera – Scrum Team Building Using Games and Interactive Tools – Guided project
9. Coursera – Introduction to Project Management – Guided Project

For Peer-Advanced:

1. Udacity – Software Development Process – Course
2. Coursera – Introduction to Git and GitHub – Google - Course
3. Coursera – Agile Development – University of Virginia – Specialization
   There are 4 courses in this:
   1. Agile Meets Design Thinking
   2. Hypothesis Driven Development
   3. Agile Analytics
   4. Managing an Agile Team
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   There are 4 courses in this:
   1. Software Development Processes and Methodologies
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   5. Coursera – Agile Projects: Develop Product Wireframe Prototypes in Miro – Guided Project

   6. Coursera – Agile Projects: Creating User Stories with Value in Taiga – Guided Project

   7. Coursera – Agile Projects: Defining Epics and Mapping Value with Taiga – Guided Project

   8. Coursera – Agile Projects: Developing Tasks with Taiga – Guided Project

   9. Coursera – Scrum Team Building Using Games and Interactive Tools – Guided project

   10. Coursera – Introduction to Project Management – Guided Project