

MCA I Sem II CA-201 Advanced Software Development Methodologies (ASDM) All Video

Sr. No	Topic Name	NPTEL Link
For Complete Git & GitHub tutorials follow: LINK 1 LINK 2 LINK 3		
1	Unit 1: Git & Version Control: Basic Concepts	https://youtu.be/Yc8sCSeMhi4?feature=share
2	Git Installation On Windows Environment setup	https://youtu.be/cJTXh7guCM?feature=shared https://youtu.be/AdzKzlp66sQ?feature=shared https://youtu.be/2j7fD92g-gE?feature=shared
3	Git Life Cycle	https://youtu.be/ALLf5dgwCd4?feature=shared
4	Branches & Merging	https://youtu.be/IOnRJlcGPxY?feature=shared https://youtu.be/oq1FGRTOfBw?feature=shared
5	working with local repository and Remote Repository	https://youtu.be/3xJrllh TJ0?feature=shared
6	Unit 2: Agile Methodology: Introduction	https://www.youtube.com/watch?v=8eVXTyIZ1Hs https://youtu.be/Xs6E-MAJbfE?feature=shared
7	software development & Project Management with agile	https://youtu.be/thSFsPnUHRA?feature=shared https://youtu.be/WjwEh15M5Rw?feature=shared
8	traditional model vs. agile model, manifesto and principles	https://youtu.be/5RocT OdQcA?feature=shared https://youtu.be/Lo61Ut8PdbA?feature=shared https://youtu.be/PD qJmTMjag?feature=shared
9	Agile methods classification	https://youtu.be/W5zjX-xN8UI?feature=shared
10	project management	https://youtu.be/1iccpf2eN1Q?feature=shared

11	Team interactions ,ethics in teams	https://youtu.be/5EQH6zD3BzE?feature=shared
12	Agility in design and testing	https://youtu.be/d-uF4jk7ke0?feature=shared https://youtu.be/xD8MU4bxs1E?feature=shared
13	Agile drivers, Capabilities and values.	https://youtu.be/9rm53H52UiY?feature=shared
14	Agile documentations	https://youtu.be/DkFjnBcR_eA?feature=shared
15	Unit 3: Agile Processes: Lean production	https://youtu.be/JM9EH1oyNV4?feature=shared https://youtu.be/gixa9MHNPam?feature=shared
16	Agile Processes: SCRUM	https://youtu.be/iJ_sl6J8PRg?feature=shared https://youtu.be/9TycLR0TqFA?feature=shared
17	Agile Processes : Crystal	https://youtu.be/T4e6R1_h7ro?feature=shared
18	Agile Processes : Feature Driven Development	https://youtu.be/loXwrMTANWM?feature=shared
19	Agile Processes : Adaptive Software Development	https://youtu.be/HXJWwxL2N5A?feature=shared
20	Agile Processes: Extreme Programming	https://youtu.be/uBPVmjJVu0E?feature=shared https://www.youtube.com/watch?v=hbFOwqYIOcU https://www.youtube.com/watch?v=7G4uN4S0jD4 https://www.youtube.com/watch?v=fHe8hgKPj-8
21	Unit 4: Agility And Knowledge Management: Agile information systems	https://youtu.be/jf7se5xRtQk?feature=shared
22	Knowledge Management (KM)	https://youtu.be/F8CI8HrSzk?feature=shared

23	Institutional knowledge evolution cycle, development, acquisition, refinement, distribution, deployment, leveraging	https://youtu.be/cQu7vjVN_nA?feature=shared
24	Knowledge management in software engineering, managing software knowledge	https://youtu.be/EdGlX-0sRWs?feature=shared https://youtu.be/JUZxaHj0FEI?feature=shared
25	challenges of migrating to agile methodologies	https://youtu.be/f6KT1nBMh0g?feature=shared
26	Agile knowledge sharing, story-cards and Story-card Maturity Model (SMM).	https://youtu.be/LGeDZmrWsw?feature=shared https://youtu.be/jf7se5xRtQk?feature=shared
27	Unit 5: Agility and Requirements Engineering	https://youtu.be/JNLRXczA9Y0?feature=shared https://youtu.be/VmGqtPui6Sc?feature=shared
28	Requirements elicitation	https://youtu.be/rSJOPQjN1xw?feature=shared
29	Requirements Prioritization	https://youtu.be/Jt5YSbKwaYM?feature=shared https://youtu.be/GUGLvvk9L-l?feature=shared
30	Requirements modeling and generation, concurrency.	https://youtu.be/jz2eA8s7JSQ?feature=shared
31	Unit 6:Agility and Quality Assurance: Agile Interaction Design and product development	https://youtu.be/EepPSAYorl4?feature=shared https://youtu.be/QltWifxT1kg?feature=shared
32	Agile Metrics	https://youtu.be/qD14a1vhlc?feature=shared https://youtu.be/53MEdMPzAyQ?feature=shared
33	Feature Driven Development (FDD)	https://youtu.be/5Xf34ThsKgg?feature=shared https://youtu.be/IYV0q0X64lQ?feature=shared https://youtu.be/DfX7ntsROZ4?feature=shared

34	Test Driven Development	https://youtu.be/uGaNkTahrlw?feature=shared
35	Quality Assurance with Agile approach	https://youtu.be/XhFVtuNDAoM?feature=shared
36	Pair programming	https://youtu.be/1Rj_evBuLi4?feature=shared https://youtu.be/cEQrforZ0Yg?feature=shared
37	Global Software Development.	https://youtu.be/bzf9qOoUrlo?feature=shared https://youtu.be/X3ltvcRtxDM?feature=shared