

M.L. Dahanukar College of Commerce

Teaching Plan: 2018 - 19

Department: I.T.

Class: M.Sc.(I.T.)

Semester:IV

Subject: Artificial Intelligence

Name of the Faculty:Mr Dhanraj Jadhav

Month	Topics to be Covered	Internal Assessment	Number of Lectures
February	Unit I: Introduction, Logic & Computation,Heauristic Search		12
March	Unit II: Game Playing, Knowledge Representation, Automated Reasoning Unit III: Probabilistic Reasoning.		18
April	Unit III:Knowledge Acquisition Unit IV: Planning, Constraint Satisfaction Problem		18
May	Unit V: Knowledge Based system, Prolog		12

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M.L. Dahanukar College of Commerce

Teaching Plan: 2018 - 19

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Class: M.Sc.(I.T.)

Semester:IV

Subject: Computer forensics

Name of the Faculty: Ms.Sheetal Panchal

Month	Topics to be Covered	Internal Assessment	Number of Lectures
Feb	Computer forensics and investigation process ,understanding computing investigations ,The investigators officers and laboratory ,Data acquisition	01	07
March	Processing crime and Incident scenes , Working with windows and DOS system ,current computer forensics tools,	01	07
April	Macintosh and linux boot process and file system ,computer forensics analysis ,Recovering graphics files	01	07
May	Virtual machines ,network forensics and live acquisition, E-mail investigation ,cell phones and mobile device forensics	01	07
June	Report writing for high tech investigation	01	07

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Ms.Sheetal Panchal

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M.L. Dahanukar College of Commerce

Teaching Plan: 2018 - 19

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Class: M.Sc.(I.T.)

Semester:IV

Subject: Cloud Management

Name of the Faculty:Ms.Shweta Shirsat

Month	Topics to be Covered	Internal Assessment	Number of Lectures
February	<p>Virtualized Data Center Architecture: Cloud infrastructure:Public,Private,Hybrid.Service provider interfaces:Saas,Paas,laas.VDC environment:concept,planning and design,business continuity and disaster recovery principles. Managing VDC and cloud environment.</p> <p>Storage network design:Architecture of storage,analysis and planning.</p>		12
March	<p>Storage network design considerations,NAS FC SANs,hybrid storage networking technologies,design for storage virtualization,Host system consideration IP-SAN:introduction,iSCSI session,iSCSI PDU,ordering and numbering,iSCSI security and error handling,FCIP-FCIP topology,FCIP performance and security,iFCP topology,iFCP addressing and routing,iFCP gateway architecture,FCOE architecture.</p> <p>Cloud Management:System center 2012 and cloud OS,Provisioning infrastructure:Provisioning infrastructure with VM,Planning and implementing,managing hyper-V environment.Provisioning self service with App Controller,App Managing public,private,hybrid clouds, Controller</p>		18

	essentials Managing and maintaining with		
April	<p>Configuration Manager 2012:Design,Planning,Implementation,Administration,Distribution,Updates,Deploying OS,Asset Management,and reporting,backup and recovery with data protection manager,Design,Planning,Implementation and Administration.</p> <p>Implementing & monitoring:Real-time monitoring with Operation Manager,Proactive monitoring with Advisor,Operation design,Planning Implementation,Administration,Monitoring,Alerting,Operations and Security reporting.</p>		15
May	<p>Building Private Clouds:Standardisation with service manager,Service Manager 2012:Design,Planning,Implementing Incident tracking,Automation with Orchestrator,System Orchestrator 2012:Design,Planning,Implementation,Windows Azure Pack.</p>		15

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P.T.V.A.'s
M.L.Dahanukar College of Commerce

Teaching Plan: 2018 – 19
Department: Information Technology

Class: M.Sc (part II) – Sem-IV

Subject: ITIM

Name of the Faculty: Prof. Supritha Bhandary

Month	Topics to be Covered	Internal Assessment	Number of Lectures
FEB	Introduction, the 4 p's of ITSM, benefits of ITSM, what is ITIL, process and functions, service strategy, objectives		08
MAR	service value, service package, service portfolio mgt, financial mgt, demand mgt Service design: five major aspects of service design, service level mgt, supplier mgt, service catalogue mgt, capacity mgt, availability mgt, service transition, knowledge mgt		15
APR	Service asset and configuration mgt, change mgt, release and deployment mgt, service validation and testing Service operation: objectives, service operation function, service desk, technical mgt, technical mgt, application mgt, event mgt, problem mgt	Class Test	19
MAY	Continual service improvement: objectives, major concepts, service level mgt, service measurement and reporting, 7 step improvement process, CSI process		18

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