

ACADEMIC PLANNING

Name of Course : Msc(CA & IT) -VI	Subject : 601- Management Information System
Name of Teacher : Neha Thakkar	Year : 2014-15

Month	Week	Teaching Plan	Remarks	Sign
Jan	I	The Roll of Information Systems in Business Today,		
		Perspectives on Information Systems, Contemporary Approches to Information Systems		
	II	Business Processes and Information Systems		
		Types of Information System ,System that Span the Enterprise		
	III	The Information Systems Function in Business		
		Organizations and Information Systems		
	IV	How Information Impact Organizations and Business Firms Using Information Systems to Achieve Competitive Advantage		
		Understanding Ethical and Social Issues Related to Systems		

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Month	Week	Teaching Plan	Remarks	Sign
Feb	I	Ethics in Information Society		
		Internal Evaluation (Test-1)		
	II	The Moral Dimensions of Information Systems		
		System Vulnerability & Abuse Business Value of Security & Control		
	III	Establishing a Framework for Security and Control		
		Technologies and tools for Protecting Information's Resources		
	IV	Enterprise Systems, SCM		
		CRM, Enterprise Applications		

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Month	Week	Teaching Plan	Remarks	Sign
Marc h	I	The Knowledge Management Landscape		
		Entetprise-Wide Knowledge Management Systems		
	II	Knowledge Work Systems,Intelligent Techniques		
		Decision Making and Information Systems		
	III	Systems for Decision Support, ESS		
		Systems and Planned Organizational Change, Overview of Systems Development		
	IV	Alternative Development for d D-Firm , Application Development for the Digital Firm		
		The Importance of Project Management, Selecting Projects		

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Month	Week	Teaching Plan	Remarks	Sign
April	I	Establishing the Business Value of Info. Systems ,Managing Project Risk		
		The Growth of International Info.Systems		
	II	Organizing International Informations Systems, Managing Global Systems		
		Internal Evaluation (Test-1)		

ACADEMIC PLANNING

Name of Course : M.Sc.(CA & IT)-IV	Subject : 602-Software Engineering
Name of Teacher : Alpa Rajput	Year : 2014-15

Month	Week	Teaching Plan	Remarks	Sign
Jan	I	Historical Overview and Software characteristics and myths		
		Software Framework and Software LS Process Models		
	II	Software EP Model Specialized Models		
		Software Measurement		
	III	Project Estimation and Scope		
		Decomposition techniques		
	IV	EE Model and Make/Buy Decision		
		Types of Software Risk and Risk Projection		

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Month	Week	Teaching Plan	Remarks	Sign
Feb	I	Risk Identification , RMMM and Risk Refinement		
		Internal Evaluation (Test-1)		
	II	Quality Concepts and SQA		
		Software Review and FTR		
	III	SSQA, Software Reliability and SQA plan		
		Software Configuration Management		
	IV	Overview of Testing strategies and Unit Testing		
		Integration and Validation Testing		

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Month	Week	Teaching Plan	Remarks	Sign
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Month	Week	Teaching Plan	Remarks	Sign
March	I	System testing and Debugging		
		Whitebox Testing		
	II	Control Structure Testing		
		Blackbox Testing		
	III	Quality Factors and Analysis Metrics		
		Design Metrics		
	IV	Code, Test and Maintenance metrics		
		Design Concepts and Principles		

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April	I	Transform Mapping		
		Transaction Mapping		
	II	Paper Solution		
		Internal Evaluation (Test-1)		

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Name of Course : M.Sc.(CA & IT)-VI	Subject : 604- Multimedia Technology and Virtual Reality Development
Name of Teacher : Hinal Prajapati	Year : 2014-15

Month	Week	Teaching Plan	Remarks	Sign
Jan	I	Introduction to graphics-Raster and Vector graphics and Effects		
		Masking, Text effects, Image Editing in Photoshop-Different Effects, Layers Effect, Image modes		
	II	Overview of Multimedia, Types of Media		
		Characteristics of Media		
	III	Synchronization and Introduction to Authoring Systems.		
		Compression Techniques-JPEG compression		
	IV	Video Compression Techniques-MPEG1 & 2 and MPEG-4		
		Audio Compression Techniques- Speech and mp3 compression		

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Month	Week	Teaching Plan	Remarks	Sign
Feb	I	Multimedia Architecture, characteristics of MMX		
		Internal Evaluation (Test-1)		
	II	I/O Systems for Multimedia		
		Operating system for Multimedia Data		
	III	Resource scheduling for Multimedia Data		
		I/O device management.		
	IV	Over view of 3D Computer graphics		
		Concept of projection,		

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Month	Week	Teaching Plan	Remarks	Sign
March	I	3D clipping, simple 3D modeling		
		shading algorithms, radiosity		
	II	Geometric modeling		
		Geometric Transformations		
	III	Introduction of Virtual Reality		
		Interface for virtual world input		
	IV	stereo display, Auto-stereoscopic displays		
		holographic display hap tic and force feedback		

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April	I	VRML programming concept		
		Application of VRML		
	II	Paper Solution		
		Internal Evaluation (Test-2)		

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Name of Course : M.Sc.(CA & IT)-VI

Subject : 604 (Practical) - Multimedia Technology and Virtual Reality
Development

Month	Week	Teaching Plan	Remarks	Sign	
Jan	I	Introduction of Photoshop Tools and Platform			
		Layer management and effects-Practical-1			
	II	Different filter effects-Practical-2			
		Lighting effects- Practical-3			
	III	Blending and Composting Image- Practical-4			
		Photo Filled Text- Practical-5			
	IV	Reflection effects- Practical-6			
		Mirror Effect- Practical-7			
	Name of Teacher : Hinal Prajapati		Year : 2014-15		

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Month	Week	Teaching Plan	Remarks	Sign
Feb	I	Graphical Effects on Text- Practical-8		
		Internal Evaluation (Test-1)		
	II	Graphical Text on Path- Practical-9		
		Logo and Advertisement Banner- Practical-10		
	III	Introduction of 3Ds Max Platform and Environment		
		3D Objects and Transform controls- Practical-11		
	IV	3D Graphics and Lights effects- Practical-12		
		Modeling 3D Graphical Text- Practical-13		

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Month	Week	Teaching Plan	Remarks	Sign
March	I	3D Modeling Text on Path- Practical-14		
		Clone, Mirror and Array Effects on 3D Objects- Practical-15		
	II	Render Window Features- Practical-16		
		Camera View- Practical-17		
	III	Transform Controls on Letters of Text- Practical-18		
		Animation on 3D object- Practical-19		
	IV	3D Text Animation- Practical-20		
		Modeling Box using VRML file- Practical-21		

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April	I	Modeling Sphere using VRML file- Practical-22		
		Modeling Text,Cylinder,Cone using VRML file- Practical-23-24-25		
	II	Internal Evaluation (Test-2)		

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Name of Course : M.Sc.(CA & IT)-VI	Subject : 605- Visual Programming with VC++
Name of Teacher : Amit Patel	Year : 2014-15

Month	Week	Teaching Plan	Remarks	Sign
Jan	I	Introduction to Microsoft Visual Studio 6.0 IDE		
		To Print Hello World using SDI and MDI		
	II	create chessboard like (8x8) boxes on client area using Pen and Brush		
		To draw graphical object using Pen and Brush		
	III	To draw Bar chart		
		To display circle of 100 radius at middle of client area		
	IV	To display multiple circle which all have same center point		
		Introduction of key event		

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Month	Week	Teaching Plan	Remarks	Sign
Feb	I	To drag graphical object at client area using key event		
		Internal Evaluation (Test-1)		
	II	Introduction of Mouse Event on client area		
		To draw any graphical object like rectangle of circle and check it out user has been click inside of object or outside		
	III	To draw a freehand drawing using mouse		
		To make a animated cursor and set on client area		
	IV	To display number of images on client area		
		To pick RGB color from any image's pixel in dialog box		

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Month	Week	Teaching Plan	Remarks	Sign
March	I	Create a menu with menu-items and make some what action on selected menu-item		
		To utilize MessageBox with all option in dialog base application		
	II	To display computer system details using dialog base application		
		To prepare a pay-slip of employee using dialog base application		
	III	Introduction of windows control like combobox, editbox(textbox),button, ect.		
		Timer event in progress bar		
	IV	To open dialog and do a sum of two numbers and Show output in the child dialog as well as prarent dialog		
		To Display Crystal Report		

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April	I	Sort data using CStringList class		
		IO operation of text file		
	II	Concept of command line argument		
		Internal Evaluation (Test-2)		

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Name of Course : M.Sc.(CA & IT)-VI	Subject : 605– Visual programming using VC++
Name of Teacher : K.I.Chokhawala	Year : 2014-15

Month	Week	Teaching Plan	Remarks	Sign
Jan	I	Chap-I Introduction to Visual Programming		
		Device context, Basic drawing		
	II	, GDI Objects, Bitmaps ,colors, fonts		
		Chap-II Event Handling		
	III	Procedure and functions		
		Chap-III String Functions		
	IV	Chap-IV Win32 Console Applications		
		Chap-V SDI and MDI Applications		

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Month	Week	Teaching Plan	Remarks	Sign
Feb	I	Reading and Writing with SDI and MDI Applications Internal		
		Evaluation (Test-1)		
	II	Document based applications: Menu, Toolbar, Status bar		
		Context sensitive help and DLL		
	III	Chap-VI GUI Applications		
		Introduction to GUI Applications		
	IV	Dialog based applications- sample Applications		
		Dialog based applications: Menu, Toolbar, Status bar		

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Month	Week	Teaching Plan	Remarks	Sign
March	I	Model and Modeless Dialog		
		Chap-VII Database Connectivity		
	II	Database connectivity with ODBC		
		Database connectivity with DAO		
	III	Sorting and Filtering		
		Chap-VIII Exception Handling		
	IV	Chap-IX Crystal Report		
		Chap-X ActiveX Controls		

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Month	Week	Teaching Plan	Remarks	Sign
April	I	COM		
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	II	Sample Application		
		Group Discussion related to subject queries		
	III	Internal Evaluations (Test-2)		
		Old Question Paper Solutions		
	IV			