GOA UNIVERSITY Taleigao Plateau, Goa 403 206

## **REVISED MINUTES**

of the 2<sup>nd</sup> Meeting of the Standing Committee of the

**X ACADEMIC COUNCIL** 

## Day & Date

25<sup>th</sup> February, 2021

<u>Time</u>

10.30 a.m.

Venue Council Hall Goa University

## Revised Minutes of the Second Meeting of the Standing Committee of the X Academic Council

Date: 25.02.2021 Time: 10.30 a.m. Venue: Council Hall, Goa University

The following members were present for the meeting:

1.	Prof. Varun Sahni Vice-Chancellor Goa University	- Chairperson
2.	Prof. K. S. Priolkar Dean School of Physical and Applied Sciences Goa University.	- Member
3.	Prof. P. K. Sharma Dean Faculty of Life Sciences & Environment, Goa University	- Member
4.	Prof. M. S. Dayanand Dean Goa Business School, Goa University	- Member
5.	Prof. Jyoti D. Pawar Goa Business School, Goa University	- Member
6.	Dr. Savio da Piedade Falleiro Principal Fr. Agnel College of Arts & Commerce, Pilar.	-Member
7.	Dr. Naguesh Colvalcar V.M. Salgaoncar College of Law, Miramar, Panaji, Goa	- Member
8.	Prof. Anuradha Wagle Controller of Examinations Goa University	- Member
9.	Prof. Radhika S. Nayak Registrar Goa University	- Member Secretary

Director, Directorate of Internal Quality Assurance Cell sought leave of absence.

The Chairperson (Vice-Chancellor) welcomed the members and thanked them for attending the Second meeting of the Standing Committee of the X Academic Council. He also welcomed Dr. Falleiro who has been nominated in place of Prof. Krupashankara who is on EOL.

He informed the members that a special meeting of the Academic Council was scheduled on 1<sup>st</sup> March, 2021.

Thereafter, the agenda was taken up for discussion.

D	DISCCUSSION		
D 3	BOARD OF STUDIES		
D 3.1	Minutes of the meeting of the Board of Studies in Interdisciplinary Courses held on 09.02.2021.		
	The Standing Committee of the Academic Council approved the minutes of the meeting of the Board of Studies in Interdisciplinary Courses held on 09.02.2021 with the following observations:		
	1. Course codes to be included in the Programme structure.		
	2. The title of the Course in Business Analytics in Semester II in the Programme structure to be corrected as to Business Analytics (Finance).		
	3. The title of the Course in Semester X to be corrected as Research Project/Dissertation. The word 'Optionals' to be deleted.		
	4. Research component and Internship to be made compulsory.		
	(Action: Assistant Registrar Academic - PG)		
D 3.2	Minutes of the meeting of the Board of Studies in Dentistry held on 05.02.2021.		
	The Standing Committee of the Academic Council approved the minutes of the meeting		
	of the Board of Studies in Dentistry held on 05.02.2021.		
	(Action: Assistant Registrar Academic -PG)		
D 3.3	Minutes of the meeting of the Board of Studies in Indian Classical Music held or 17.02.2021.		
	The Standing Committee of the Academic Council approved the minutes of the meeting		
	of the Board of Studies in Indian Classical Music held on 17.02.2021.		
	(Action: Assistant Registrar Academic - PG)		
D 3.4	Minutes of the meeting of the Board of Studies in Special Education held on 21.01.2021 and 19.02.2021 in online mode.		
	The Standing Committee of the Academic Council approved the minutes of the meeting		
	of the Board of Studies in Special Education held on 21.01.2021.		
	(Action: Assistant Registrar Academic - PG)		
D 3.5	Minutes of the meeting of the Board of Studies in Special Education held on 19.02.2021		
	in online mode.		
	The Standing Committee of the Academic Council approved the minutes of the meeting		
	held on 19.02.2021 with the following observations:		

## GOA UNIVERSITY Taleigao Plateau, Goa 403 206

## FINAL AGENDA

For the 2<sup>nd</sup> Meeting of the Standing Committee of

X ACADEMIC COUNCIL

Day & Date

25<sup>th</sup> February, 2021

<u>Time</u>

10.30 a.m.

Venue Council Hall, Goa University

## Second Meeting of the Standing Committee of the X Academic Council

Date: 25-02-2021

Time: 10.30 a.m.

Venue: Council Hall, Office of the Vice-Chancellor, Goa University.

D	DISCUSSIONS
D 3	BOARDS OF STUDIES
D 3.1	Minutes of the meeting of the Board of Studies in Interdisciplinary Courses held on 09.02.2021
	Part A
	<ul> <li>Recommendations regarding courses of study in the subject or group of subjects at the undergraduate level: NIL</li> </ul>
	ii. Recommendations regarding courses of study in the subject or group of subjects at the postgraduate level:
	a) Syllabus for the II semester Integrated Interdisciplinary MSc programme consisting of following courses has been recommended ( <u>Annexure I</u> refer page no 1):
	<ol> <li>IMC 201 Business Analytics (Finance) - 2 credits</li> <li>IMC 202 Microeconomics - 4 credits</li> </ol>
	3. IMC 203 Linear Algebra - 4 credits
	4. IMC 204 Algorithms and Data Structures - 6 (4T+2P) credits
	<ol> <li>IMC 205 Probability &amp; Statistics - II - 4 credits</li> <li>IMC 206 Soft Skills: Written Communication - 2 credits</li> </ol>
	6. INIC 206 Soft Skills. Written Communication - 2 credits
	Part Bi. Scheme of Examinations at undergraduate level:Nilii. Panel of examiners for different examinations at the undergraduate level:Niliii. Scheme of Examinations at postgraduate level:Niliv. Panel of examiners for different examinations at post-graduate level:Nil
	<ul> <li>Part C</li> <li>i. Recommendations regarding preparation and publication of selection of reading material in the subject or group of subjects and the names of the persons recommended for appointment to make the selection: NIL</li> </ul>
	Part D
	<ul> <li>i. Recommendations regarding general academic requirements in the Departments of University or affiliated colleges: Nil</li> <li>ii. Recommendations of the Academic Audit Committee and status thereof: NA</li> </ul>
	Part E i. Recommendations of the text books for the course of study at undergraduate level: NA

		25 02 2021
	ii. Recommendations of the text books for the cour level: <b>Recommended along with syllabus</b>	rse of study at post graduate
	Part F	
	Important points for consideration/approval of the Academic Council	Standing Committee of the
	i. The important points/recommendations consideration/approval of the Academic Council mentioned below:	
	a. Approval of syllabus of second semester courses	for IIIVISC.
	ii. The declaration by the chairman that the minutes wat the meeting itself.	
	(a) It is hereby declared that minutes have been read approved by the members.	d out at the meeting itself and
	Date: 09.02.2021	
	Place: Goa University	Sd/- Signature of the Chairperson (M K Janarthanam)
	Part G The Remarks of the Dean of the Faculty i) The minutes are in order ii) The minutes may be placed before the Academic C	
	<ul><li>iii) May be recommended for approval of the Academic ( iv) Special remarks if any.</li></ul>	-
	Date: 09.02.2021	Sd/-
	Place: Goa University	Signature of the Dean (Back to Index)
D 3.2	Minutes of the meeting of the Board of Studies in Dentis	try held on 05.02.2021.
	PART A	
	<ul> <li>i. Recommendations regarding courses of study in the the under-graduate level.</li> <li>NIL</li> </ul>	subject or group of subjects at
	ii. Recommendations regarding courses of study in th at the Post-graduate level	
	Application for replacement of Post Graduate Gui of Voluntary Retirement of Dr. Jyoti Rao.	ide in Periodontics on account
	PART B i. <u>Scheme of examinations at the Under-graduate lev</u>	al
	The Existent and proposed distribution of ma	
		arks and scheme of Theory

# D 3.1 Minutes of the meeting of the Board of Studies in Interdisciplinary Courses held on 09.02.2021.

#### Annexure I

Integrated B.Sc. (Data science), M.Sc.(Computer Science/Data Science/Decision	
Science/Economics): Programme Structure (Approved)	

Semester I	Credits	Semester II	Credits
IMC 101: Management Concepts and Organisational Behaviour	4	Business Analytics	2
IMC 102: Environmental Studies	4	Microeconomics	4
IMC 103: Probability and Statistics - I	4	Linear Algebra	4
IMC 104: Programming in Python	6	Algorithms and Data Structures	6
IMC 105: Soft Skills - I	2	Probability and Statistics - II	4
IMC 106: Perspective Building Course - I	2	Soft Skills - II	2
	22		22
Semester III	Credits	Semester IV	Credits
Marketing Analysis	4	Machine Learning	6
Deductive and Inferential Mathematics	4	Data Modelling and Visualization	4
Macroeconomics	4	Linear Programming & Optimization	4
Database Management Systems	6	Econometrics I	4
Soft Skills - III	2	Soft Skills - IV	2
Perspective Building Course - II	2	Perspective Building Course - III	2
	22		22
Semester V	Credits	Semester VI *	Credits
Computer Organization & Operating Systems	6	Domain	12
Programming in C	6	Electives	14
Data Science Toolkit	4		
Strategic Management	4		
Econometrics II	4		
Perspective Building course - IV	2		
	26		26
Semester VII	Credits	Semester VIII	Credits
Discipline	24	Discipline	24
Semester IX *	Credits	Semester X	Credits
Discipline	16	Project/Dissertation/Optionals	16
Total Credits (5 years) = 220		* semester includes an audited in	ternshin

## Syllabus (Semester II)

## Programme: M.Sc. Integrated (Data Science/ Decision Science/ Computer Science/ Economics)

Course Code: IMC 201

## Title of the Course: Business Analytics (Finance)

Number of Credits: 2

Effective from AY: 2020-21

Prerequisites for the course:	Programme requisites		
Objective:	To introduce fundamentals of financial data analysis.		
Content:	Reading of Annual Report, Balance Sheet, Profit and Loss Account, Vertical Form, Cash Flow statements, Comparative statements, Common Size Statements, Profitability Ratios. Basic Accounting Standards. Directors' Report, Auditor's Report, Notes to Accounts.	8 hours	
	Understanding Annual Reports of Companies with Ratio Analyses and making basic performance decisions.	8 hours	
	Time Value of Money, Forecasting cash flows, Estimation of Project Cost, Techniques of Capital Budgeting, Net Present Value (NPV), Internal Rate of Return (IRR), Discounted Payback, profitability Index.	8 hours	
Pedagogy:	Lectures/tutorials/laboratory work/ field work/ outreach activities/ project work/ vocational training/viva/ seminars/ term papers/assignments/ presentations/ self-study/ Case Studies etc. or a combination of some of these. Sessions shall be interactive in nature to enable peer group learning.		
Learning Outcomes:	<ol> <li>The participants will be able to analyze financial information that facilitates long term and short term financial decisions.</li> <li>The participants shall be able make primary basic assessment of making capital investment decisions.</li> </ol>		
References/ Readings:	<ol> <li>N. Ramchandran, Ram Kumar Kakani: 'How to Read A Balance Sheet', Tata McGraw-Hill Professional: Finance Made Easy Series,2009.</li> <li>N. Ramchandran, Ram Kumar Kakani: 'How to Read A Profit and Loss Account', Tata McGraw-Hill Professional: Finance Made Easy Series, 2017.</li> <li>N. Ramchandran, Ram Kumar Kakani: 'How to Read A Cash Flow Statement', Tata McGraw-HillProfessional: Finance Made Easy Series, 2017.</li> </ol>		

Total Contact Hours: 24

#### Course Code: IMC 202

Title of the Course: Microeconomics

#### Number of Credits: 4 Total Contact Hours: 48

#### Effective from AY: 2020-21

Prerequisites for the Course:		
Objective:	Equip the students to understand consumer and firm behavior under profit and non-profit maximizing framework.	
Content:	Module 1: Introduction and Basic Concepts Nature and scope of micro economics – concept of equilibrium – static, dynamic and neutral equilibrium – Partial Vs. General equilibrium – role and limitations of price mechanisms in a free market economy	10 hours
	Module 2: Theory of Demand Theory of Consumer Behavior- Utility, indifference curve, [income and substitution effects, Slutsky's theorem, compensated demand]; Revealed preference; consumer surplus;	14 hours
	Module 3: Theory of production and costs Production function –short period and long period; law of variable proportions and returns to scale; Isoquants – least cost combination of inputs; Returns of factors; Economies of scale; Elasticity of substitution; Euler's Theorem; Cobb-Douglas,Constant Elasticity of Substitution (CES), Variable Elasticity of Substitution (VES) and Translog. Cost functions,cost curves, Elasticity of supply.	14 hours
	Module 4: price and output determination Demand and supply equilibrium; Cobweb theorem. Market forms – perfect and imperfect forms – equilibrium under perfect, monopoly, monopolistic, duopoly and oligopoly – importance of time element in price theory – price discrimination and measure of monopoly power – control and regulation of monopoly.	10 hours
Pedagogy:	Lectures/ tutorials/assignments/self-study	
Reference/ Readings:	<ol> <li>Hal Varian, <u>W. W. Norton and Company</u>, Intermediate Microeconomics 2010, Sixth Edition or later</li> <li>S.A. Greenlaw and D. Shapiro, Principles of Microeconomics, OpenStax Resource, Rice University, Second edition, 2017</li> </ol>	
Learning Outcomes:	Understand the factors that determine consumption and production decisions under different market structures.	
	(Back to Index) (Back to Agenda)	

Course Code: IMC 203

Title of the Course: Linear Algebra

Number of Credits: 4

**Total Contact Hours: 48** 

Effective from AY: 2020-21

o provide students an introduction to vectors and matrices and heir use in Data Sciences. near Equations in Linear Algebra: Systems of linear equations, row eduction, and echelon forms, Vector equations, matrix equation, olution sets of linear systems, linear independence, Matrix of linear ansformation. Natrix Algebra: characteristics of invertible matrices, Partitioned natrices, matrix factorizations, application to computer graphics, imension and rank. eterminants: Properties, Cramer's rule, volume and linear	8 hours 4 hours
near Equations in Linear Algebra: Systems of linear equations, row eduction, and echelon forms, Vector equations, matrix equation, olution sets of linear systems, linear independence, Matrix of linear ansformation. Natrix Algebra: characteristics of invertible matrices, Partitioned natrices, matrix factorizations, application to computer graphics, imension and rank. eterminants: Properties, Cramer's rule, volume and linear	
near Equations in Linear Algebra: Systems of linear equations, row eduction, and echelon forms, Vector equations, matrix equation, olution sets of linear systems, linear independence, Matrix of linear ansformation. Natrix Algebra: characteristics of invertible matrices, Partitioned natrices, matrix factorizations, application to computer graphics, imension and rank. eterminants: Properties, Cramer's rule, volume and linear	
eduction, and echelon forms, Vector equations, matrix equation, olution sets of linear systems, linear independence, Matrix of linear ansformation. Natrix Algebra: characteristics of invertible matrices, Partitioned natrices, matrix factorizations, application to computer graphics, imension and rank. eterminants: Properties, Cramer's rule, volume and linear	
atrices, matrix factorizations, application to computer graphics, imension and rank. eterminants: Properties, Cramer's rule, volume and linear	4 hours
• • •	
ansformations.	4 hours
Vector Spaces: vector spaces and subspaces, linear transformations, Bases, coordinate systems, Dimension of a vector space, rank, change of bases	
genvalues and eigenvectors: Characteristics equation, agonalization, eigenvectors and linear transformations, discrete ynamical systems	8 hours
rthogonality: inner product, length, and orthogonality, orthogonal ets, orthogonal projections, Gram-Schmidt process, inner product paces	8 hours
ymmetric matrices and quadratic forms: diagonalization of ymmetric matrices, quadratic forms, constrained optimization, ngular Value Decomposition (SVD).	8 hours
ectures/ tutorials/assignments/self-study	
<ol> <li>David C. Lay, Steven Lay, Judi Mc Donald, Linear Algebra and its Applications, Pearson, 2016.</li> <li>Jim DeFranza and Daniel Gagliardi, Introduction to Linear Algebra with Application, McGraw Hill Education (India), 2015.</li> <li>Steven L Leon Linear Algebra with Applications 8th Edition</li> </ol>	
e as a gia yr rtet oa	<ul> <li>nsformations.</li> <li>ctor Spaces: vector spaces and subspaces, linear transformations, ses, coordinate systems, Dimension of a vector space, rank, ange of bases</li> <li>envalues and eigenvectors: Characteristics equation, gonalization, eigenvectors and linear transformations, discrete namical systems</li> <li>chogonality: inner product, length, and orthogonality, orthogonal s, orthogonal projections, Gram-Schmidt process, inner product aces</li> <li>nmetric matrices and quadratic forms: diagonalization, gular Value Decomposition (SVD).</li> <li>ctures/ tutorials/assignments/self-study</li> <li>1. David C. Lay, Steven Lay, Judi Mc Donald, Linear Algebra and its Applications, Pearson, 2016.</li> <li>2. Jim DeFranza and Daniel Gagliardi, Introduction to Linear Algebra with Application, McGraw Hill Education (India),</li> </ul>

	Pearson, 2009	
	4. Gilbert Strang, Introduction to Linear Algebra 5th Ed. South	
	Asian Edition, Wellesley-Cambridge Press, 2016.	
Learning	The student will be able to use computational techniques and	
Outcomes:	algebraic skills essential for the study of systems of linear	
	equations to understand, formulate and solve problems.	

## Course Code: IMC 204

## Title of the Course: Algorithms and Data Structures

## Number of Credits: 6 (4L+2P)

## Total Contact Hours: 48L + 48P

## Effective from AY: 2020-21

Prerequisites for the course:	IMC104 : Programming in Python	
Objectives:	To introduce the fundamental concepts of data structures and to emphasize the importance of data structures in developing and implementing efficient algorithms.	
Content:	Introduction: Three level Approach - Application/User level, Abstract/Logical level, Physical/Implementation level; Concept of Abstract Data Types (ADTs), Data Structure definition, Data type vs. data structure, Applications of data structures,	4 hours
	Algorithms analysis and its complexity, Best case, worst case, and Average case performance, time-space tradeoff, Asymptotic Analysis, Big-O notation.	4 hours
	Linear Data Structures: Array and its application: Polynomials, Sparse matrices, String-pattern Matching.Linked Lists, Doubly linked list, Circular linked list, Stack and Queues.	10 hours
	Nonlinear Data Structures: Trees:Binary tree representation, Binary Search Trees, AVL Trees, M-way Search Trees, B-trees. B tree algorithms, Heap Structures; Graphs: Graph representations; Graph Traversals	12 hours
	Complexity of Searching & Sorting algorithms: Bubble sort, Quick sort, Selection sort, Insertion sort, Merge sort and Heap sort. An Empirical Comparison of Sorting Algorithms, Lower bounds for Sorting. Linear search, binary search.	12 hours
	Dynamic programming and Greedy algorithms:Assembly line scheduling, Matrix-chain multiplication;Prim's Algorithm, Kruskal's Algorithm	6 hours

Std. Com.X AC- 2

		25-02-2021
Pedagogy:	lectures/Practical/ tutorials/assignments/self-study	
References/ Readings:	<ol> <li>Horowitz, Ellis, Sartaj Sahni, and Susan Anderso "Fundamentals of data structures in C". WH Freema Latest edition.</li> <li>Benjamin Baka, Basant Agarwal, "Hands on Data S and Algorithms with Python", Second Edition, O'Reilly</li> <li>Cormen Thomas, L. Charles, R. Ronald, S. Clifford, "Introduction to Algorithms", Second Edition, EEE, PHI</li> <li>Allen, Weiss Mark. "Data structures and algorithm ar C". Pearson Education India, 2011.</li> <li>Dasgupta, Papadimitriou, and Vazirani. "Algo McGraw-Hill, 2006.</li> </ol>	n & Co., tructure , 2018. nalysis in
Learning Outcomes:	<ul> <li>Upon successful completion of the course, a student will be a</li> <li>Implement common data structures such as lists, queues, graphs, and binary trees for solving prograproblems.</li> <li>Identify and use appropriate data structures in the consolution to a given problem.</li> </ul>	stacks, amming

#### Suggested Lab Assignments:

Object-Oriented Design Goals, Object-Oriented Design Principles.

1. The programming assignment should introduce and enforce the concepts of encapsulation, polymorphism and Inheritance.

ADT Specifications and Implementation of following basic data structures

- 2. Singly Linked Linear Lists
- 3. Singly Linked Circular Lists
- 4. Doubly Linked Linear Lists
- 5. Doubly Linked circular Lists
- 6. Stack using linked list
- 7. Queue using linked list

ADT Specifications and Implementation of following non-linear data structures

- 8. Binary Trees
- 9. Binary Search Trees
- 10. AVL Trees
- 11. B-Trees and its variants

Application of stack

- 12. Program to convert the given infix expression to postfix expression using stack.
- 13. Program to evaluate a postfix expression using stack.
- 14. Program to traverse a binary tree in the following way: Pre-order, In-order, Post-order

Applications of Binary Trees

- 15. Write a program to implement Huffman encoding using Binary tree.
- 16. Write a program to create a binary tree for the given infix expression.

#### Applications of AVL Trees

- 17. Write a program that reads a list of names and telephone number from a text file and inserts them into an AVL tree. Write function to allow the user to search the tree. Searching and sorting
- 18. Program to implement Binary search technique using Iterative method and Recursive methods.
- 19. Programs to implement following sorting algorithm- Bubble sort, Selection sort, Insertion sort, Quicksort, Merge sort and Heap sort

#### Implementation of Dynamic programming

- 20. Assembly line scheduling
- 21. Matrix-chain multiplication

#### Implementation of Greedy algorithms

- 22. Prim's Algorithm
- 23. Kruskal's Algorithm

(Back to Index) (Back to Agenda)

Course Code: IMC 205

Title of the Course: Probability & Statistics - II

#### Number of Credits: 4

#### Total Contact Hours: 48

Effective from AY: 2020-21

Prerequisites for the course:	IMC 103: Probability and Statistics - I	
Objectives:	To introduce the basic theory and techniques of parameter estimation and tests of hypotheses.	
Content:	<ul> <li>Module 1: Continuous distributions: Uniform, exponential, normal, standard normal, T-distribution, Chi-Square and F-distribution</li> <li>Module 2: Sampling distributions, Parameter Estimation of mean and proportion.</li> <li>Module 3: Hypothesis tests about mean and proportion, Chi-square tests, analysis of variance, least squares curve fitting, the coefficient of Determination, Confidence Intervals</li> <li>Module 4: Non parametric tests: sign test, Rank test, Median test</li> </ul>	12 hours 12 hours 12 hours 12 hours 12 hours
Pedagogy:	Lectures/ tutorials/assignments/self-study	
References/R eadings:	<ol> <li>David M. Levine, David F. Stephan, Timothy C. Krehbiel, and Mark L. Berenson, Statistics for Managers: Using Microsoft Excel, Pearson Education, Inc., (2008) Fifth Edition or later</li> <li>Christian Heumann, Michael Schomaker, and Shalabh, Introduction to Statistics and Data Analysis: With Exercises, Solutions and Applications in R, Springer, (2016).</li> <li>James T. McClave, P. George Benson, Terry Sincich Statistics for Business and Economics, Perason, (2018).</li> <li>Robert S. Witte and John S. Witte, Statistics, Wiley, Eleventh Editio, (2017).</li> </ol>	
Learning Outcomes:	Students will be able to design samples for data collection, summarise data visually and in tabular form, and execute statistical analyses with spreadsheet software.	

(Back to Index) (Back to Agenda)

Course Code: IMC 206

Title of the Course: Soft Skills: Written Communication

Number of Credits: 2

Effective from AY: 2020-21

**Total Contact Hours: 24** 

Prerequisites for the course:	Programme requisites	
Objective:	To introduce the essentials of effective communication in different contexts	
Content:	Written Communication: Fundamentals of effective writing; different forms of written communication; report writing; Structure and content of various types of reports; Creativity in Communication.	10 hours
	Content Writing: Writing content for the website, Writing profiles. Writing content for brochures of events, Designing and writing for newsletters. Handling Public relations through Press release/reports/advertisements.	8 hours
	E-Correspondence: Email etiquette (components, formats, attachments, content and language), Maintaining social media presence.	6 hours
Pedagogy:	Lectures/ tutorials/outreach activities/vocational training/ seminars/ term papers/assignments/ presentations/ self-study/ Case Studies etc. or acombination of some of these. Sessions shall be interactive in nature to enable peer group learning.	
Learning Outcomes:	Students will be able to communicate effectively in various written forms.	
References/ Readings:	<ol> <li>Stanton, Nicky. Mastering Communication (5th Edition), Macmillan, 2009.</li> <li>Dalmar, Fisher. Communication in Organisation, West Pub, 1993.</li> <li>Kilian, Crawford. Writing for the Web. Self-Counsel Press, Fifth edition, 2015.</li> <li>Kallos, Judith. Email Etiquette Made Easy, Lulu.com. 2007.</li> </ol>	

(Back to Index) (Back to Agenda)