

## M. O. P. VAISHNAV COLLEGE FOR WOMEN (AUTONOMOUS) Chennai - 600 034, India.

Criteria 6.5.3 Academic Audit 2017 - 2018

#### ACADEMIC AUDIT

#### **CURRICULUM & STUDENT ATTENDANCE**

Department: M Sc. INFORMATION TECHNOLOGY

Date: 30.06.2017

Class : II Year

Semester: III

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	A Muthulakshmi	80% of Unit -I	Understanding the concept of Linux OS architecture & File system	
2	CLOUD COMPUTING	J.Padmavathi	100% of I Unit	Familiarize basic terminologies of Cloud computing, Service providers and seven step model for migration into cloud.	
3	PROGRAMMING WITH ASP.NET	R.Gavoury	75% of Unit 1 Completed	Know to create web pages using HTML and Web Controls	
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 Completed	Student learnt about R and R studio. They have learnt about basic R objects such as vectors, list, Matrix and their manipulations	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Topics decided & uml diagram done		
6	SOFTWARE PROJECT MANAGEMENT	R.Anusha	Unit 1 Completed	1)Analysed and Understood problems with project management     2)Project assessment and evaluation techniques using case study methods	
7	OPTIMIZATION TECHNIQUES	D.Radha	50% of Unit 1 Completed	Learnt to solve real time LPP	d 0 16

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#### ACADEMIC AUDIT

#### **CURRICULUM & STUDENT ATTENDANCE**

Department : M Sc. INFORMATION TECHNOLOGY

Date: 15.07.2017

Class : I Year

Semester: I

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	FUNDAMENTALS OF INFORMATION TECHNOLOGY .	Brinda Ramanujam & C.S Padmasini	Unit 1 - 80% Unit 4 -20%	Number systems, Boolean algebra and simplification of expressions, karnaugh map.  Students have given an introduction about Computer networks.  Gained knowledge about Network hardware and	
2	PROGRAM DESIGN USING C	A.Angayarkanni	Unit 1 - 90% Unit 2 - 90%	Student have learnt to develop algorithms and implemented programs using control structures	
3	DATA STRUCTURE AND ALGORITHMS	A.Angayarkanni	Unit 1 - 60%	Students developed knowledge of data structure: array, stack	
4	JAVA TECHNOLOGIES I	C.S Padmasini	Unit 1 - 50%	Understanding the basics and OOPS concepts in java. Learnt about various Data types and operators	

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ACADEMIC AUDIT

**CURRICULUM & STUDENT ATTENDANCE** 

Department: M Sc. INFORMATION TECHNOLOGY

Date: 15.07.2017

Class : I Year

Semester: I

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
5	PYTHON PROGRAMMING	R.Gavoury	Unit 1 - 70%	Gained knowledge on implementing Strings and control structures	
6	SOFTWARE ENGINEERING	Sakthi Kumaresh	Unit 1 - 90%	Students can understand various terminologies in SE. Can recall SE principles. Analyse various life cycle models	

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#### ACADEMIC AUDIT

#### **CURRICULUM & STUDENT ATTENDANCE**

Department : M Sc. INFORMATION TECHNOLOGY

Date: 15.07.2017

Class : II Year

Semester: III

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	A.Muthulakshmi	Unit - 100%	Understood the file and directory commands	
2	CLOUD COMPUTING	J.Padmavathi	Unit 1 - 100% Unit 2- 40%	Students can understand virtualization and migration techniques	
3	PROGRAMMING WITH ASP.NET	R.Gavoury	Unit 1 - 75% Unit 2 - 10% Unit 3 - 30%	Know to create web pages using Web Controls like calendar, adrotator and validation controls.	
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 - 100% Unit 2 - 10%	Understanding the concepts of Vector Manipulation,Matrix manipulation,decision making and looping stuctures	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Prototype of project shown	Implemented UML diagrams for the modules	
6	SOFTWARE PROJECT MANAGEMENT	R.Anusha	Unit 1 - 100% Unit 2 - 90%	Evaluation of cost effort estimation techniques, Activity planning methods for software project management	
7	OPTIMIZATION TECHNIQUES	D.Radha	Unit 1- 90%	Learnt to solve real time LPP	

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#### **ACADEMIC AUDIT**

#### **CURRICULUM & STUDENT ATTENDANCE**

Department: M Sc. INFORMATION TECHNOLOGY

Date: 31.07.2017

Class : I Year

Semester: I

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	FUNDAMENTALS OF INFORMATION TECHNOLOGY	Brinda Ramanujam & C.S Padmasini	Unit 1 - 95% Unit 4 -20%	Number systems, Boolean algebra and simplification of expressions, karnaugh map, introduction to combinational circuits and their construction and working Students have learnt about OSI Reference model and TCP IP Reference model	
2	PROGRAM DESIGN USING C	A.Angayarkanni	Unit 1 - 85% Unit 2 - 90% Unit 3 - 80% Unit 4 - 20%	Student have learnt the application of Self Referential Structures . Learnt the usage of Pointers.	
3	DATA STRUCTURE AND ALGORITHMS	A.Angayarkanni	Unit 1 - 80% Unit 4 - 80%	Students know to apply Divide & Conquer Strategy. Gained the knowledge on Evaluating the given expression.	

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#### **CURRICULUM & STUDENT ATTENDANCE**

Department: M Sc. INFORMATION TECHNOLOGY

Date: 31.07.2017

Class: I Year

Semester: I

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
4	JAVA TECHNOLOGIES I	C.S Padmasini	Unit 1 - 75%	Understanding the concepts of class and objects,Method overloading,Inheritance.	
5	PYTHON PROGRAMMING	R.Gavoury	Unit 1 - 90% Unit 2 - 50%	Gained knowledge on implementing Strings and control structures	
6	SOFTWARE ENGINEERING	Sakthi Kumaresh	Unit 1 - 90%	Students can understand various terminologies in SE. Can recall SE principles. Analyse various life cycle models	

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#### ACADEMIC AUDIT

### CURRICULUM & STUDENT ATTENDANCE

Department : M Sc. INFORMATION TECHNOLOGY

Date: 31.07.2017

Class: II Year

Semester: III

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	A.Muthulakshmi	Unit1 - 100% Unit2 - 70% Unit5-60%	Understood the file and directory commands, Process in Linux and Filter commands	
2	CLOUD COMPUTING	J.Padmavathi	Unit 1 - 100% Unit 2- 100%	Students were able to understand live migration. Revision for IA1 Done.	
3	3 PROGRAMMING WITH ASP.NET R.G.		Unit 1 - 100% Unit 2 - 10% Unit 2 - 10% Unit 3 - 50%		
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 - 100% Unit 2 - 10%	Understanding the concepts of Vector Manipulation,Matrix manipulation,decision making and looping stuctures	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Prototype of project shown	modules	
6			Unit 1 - 100% Unit 2 - 100% Unit 3- 10%	Evaluation of cost effort estimation techniques, Activity planning methods for software project management, Risk evaluation basics	
7	OPTIMIZATION TECHNIQUES	D.Radha	Unit 1- 95% Unit 2 - 80%	Learnt to solve real time LPP and Transportation Problem	

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#### **ACADEMIC AUDIT**

#### CURRICULUM

Department: M Sc. INFORMATION TECHNOLOGY

Date: 16.08.2017

Class: I Year

Semester: I

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	FUNDAMENTALS OF INFORMATION TECHNOLOGY	Brinda Ramanujam & C.S Padmasini	Unit 1 - 95% Unit 4 -20%	Students have learnt about OSI Reference model and TCP IP Reference model	
2	PROGRAM DESIGN USING C	A.Angayarkanni	Unit 1 - 85% Unit 2 - 90% Unit 3 - 80% Unit 4 - 30%	Students have learnt the usage of user defined functions	
3	DATA STRUCTURE AND ALGORITHMS	A.Angayarkanni	Unit 1 - 90% Unit 4 - 80%	Gained knowledge on implementaion of singly, doubly linked list, Avail List.	
4	JAVA TECHNOLOGIES I	C.S Padmasini	Unit 1 - 100% Unit 2 - 25%	Understanding the concepts of Packages, exception handling.	
5	PYTHON PROGRAMMING	R.Gavoury	Unit 1 - 90% Unit 2 - 70% Unit 3 - 80% Unit 5 - 20%	Gained knowledge on implementing functions, tuples, lists and dictionary	
6	SOFTWARE ENGINEERING	Sakthi Kumaresh	Unit I - 100% Unit II - 100% Unit III - 100% Unit IV - 20%	Students can develop object oriented design using UML. Students can apply software metrics to their own programs.	

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#### ACADEMIC AUDIT

#### CURRICULUM

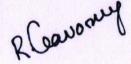
Department: M Sc. INFORMATION TECHNOLOGY

Date: 16.08.2017

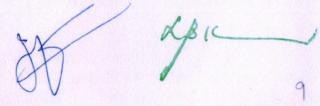
Semester: III

Class: II Year

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	A.Muthulakshmi	Unit 1 - 100% Unit 2 - 70% Unit 5- 70%	Understood basic concepts in Scripts	
2	CLOUD COMPUTING	J.Padmavathi	Unit 1 - 100% Unit 2- 100% Unit 3-50%	Students have accquired knowledge in PaaS, SaaS and about Aneka tool and services.	
3	PROGRAMMING WITH ASP.NET	R.Gavoury	Unit 1 - 100% Unit 2 - 90% Unit 3 - 90%	Understood ADO.NET and Validation Controls. Revision for IA1 Done.	
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 - 100% Unit 2 - 75% Unit 3 - 10%	Understanding the concepts of Array Manipulation. Exercises done based on vectors, arrays	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Review1 Completed	Implemented 25%	
6	SOFTWARE PROJECT MANAGEMENT	R.Anusha	Unit 1 - 100% Unit 2 - 100% Unit 3 - 90%	Evaluation of cost effort estimation techniques, Activity planning methods for software project management,Risk evaluation basics,Software contracts	
7	OPTIMIZATION TECHNIQUES	D.Radha	Unit 1- 95% Unit 2 - 80%	Learnt to solve real time LPP and Transportation Problem	



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### ACADEMIC AUDIT CURRICULUM

Department: M Sc. INFORMATION TECHNOLOGY

Date: 31.08.2017

Class: I Year

Semester: I

	Semester . 1						
S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions		
1	FUNDAMENTALS OF INFORMATION TECHNOLOGY	Brinda Ramanujam & Sunitha Rani T	Unit 1 - 95% Unit 2 - 95% Unit 3 -80% Unit 4 - 20% Unit 5 - 25%	Students have studied the architecture of a computer system, instructions cycle and execution Students have learnt about Error Detection methods			
2	PROGRAM DESIGN USING C	A.Angayarkanni	Unit 1 - 95% Unit 2 - 100% Unit 3 - 95% Unit 4 - 70% Unit 5 - 50%	Students have learnt the usage of Dynamic Memory Allocation , Self-Referential Structures			
3	DATA STRUCTURE AND ALGORITHMS	A.Angayarkanni	Unit 1 - 90% Unit 2 - 50% Unit 4 - 100% Unit 5 - 10%	Gained knowledge on implementation of Binary Tree and Binary Tree Traversal			
4	JAVA TECHNOLOGIES I	C.S Padmasini	Unit 1 - 100% Unit 2 - 100% Unit 3- 75%	Understanding the concepts of Multi threading, Collection frame work, String functions			
5	PYTHON PROGRAMMING	R.Gavoury	Unit 1 - 90% Unit 2 - 70% Unit 3 - 90% Unit 5 - 100%	Gained knowledge on implementing functions, tuples, lists and dictionary			
6	SOFTWARE ENGINEERING	Sakthi Kumaresh	Unit I - 80% Unit II - 100% Unit III - 100% Unit IV - 100%	Students have learnt the various quality metrics and they are able to relate to their own project.			

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Department: M Sc. INFORMATION TECHNOLOGY

Class: II Year

Date: 31.08.2017 Semester: III

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	R.Gavoury	Unit 1 - 80% Unit 2 - 70% Unit 4 - 100% Unit 5- 70%	Understood c, shell, bourne and bourne again shell Scripts	
2	CLOUD COMPUTING	J.Padmavathi	Unit 1,Unit2,Unit,3,Unit 5-100%,Unit 4- 80%	Students have accquired knowledge about mapreduction techniques. Students have learnt to import nad export workflow in Cloud Applications.	
3	PROGRAMMING WITH ASP.NET	R.Gavoury	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4 - 100%	Understood to create ,test and refer a web serviceand security	
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 - 100% Unit 2 - 100% Unit 3 - 80% Unit 4- 10%	Understanding the concepts of Array Manipulation. Exercises done based on Packages, Data Frames, Reshaping- Melting and Casting data.	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Review1 Completed	Implemented 25%	
6	SOFTWARE PROJECT MANAGEMENT	R.Anusha	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4-100% Unit 5-80%	Evaluation of cost effort estimation techniques, Activity planning methods for software project management,Risk evaluation basics,Software contracts,Quality management	
7	OPTIMIZATION TECHNIQUES	D.Radha	Unit 1- 95% Unit 2 - 80%	Learnt to solve real time LPP and Transportation Problem	

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Department: M Sc. INFORMATION TECHNOLOGY

Class: I Year

Semester: I

Date: 16.09.2017

Class.	lass : I Year			Semester: 1		
S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions	
1	FUNDAMENTALS OF INFORMATION TECHNOLOGY	Brinda Ramanujam & Sunitha Rani T	Unit 1 - 95% Unit 2 - 100% Unit 3 -90% Unit 4 - 80% Unit 5 - 60%	Students have studied the architecture of a computer system, instructions cycle and execution and pipelining Students have familiarised thamselves with the concepts under appliation layer		
2	PROGRAM DESIGN USING C	A.Angayarkanni	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4 - 100% Unit 5 - 95%	Students have learnt the usage of pre-processor directive		
3	DATA STRUCTURE AND ALGORITHMS	A.Angayarkanni	Unit 1 - 95% Unit 2 - 100% Unit 3 - 25% Unit 4 - 100% Unit 5 - 90%	Gained knowledge on implementation of graph and SSP algorithm		
4	JAVA TECHNOLOGIES I	C.S Padmasini	Unit 1 - 100% Unit 2 - 100% Unit 3- 100% Unit 5- 100% Unit 4 - 25%	Understanding the concepts of Applets and AWT methods		
5	PYTHON PROGRAMMING	R.Gavoury	Unit 1 - 100% Unit 2 - 100% Unit 3 - 90% Unit 4 - 100%	Gained knowledge on implementing Files and web applications		

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Department: M Sc. INFORMATION TECHNOLOGY

Class: II Year

HNOLOGY Date: 16.9.2017
Semester: III

				Semester	
S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	R.Gavoury	Unit 1 - 80% Unit 2 - 90% Unit 4 - 100% Unit 5- 100%	Understood SED and process fundamentalsa	
2	CLOUD COMPUTING	Dr. J.Padmavathi	Unit 1,Unit2,Unit,3,Unit 5-100%,Unit 4- 90%	Understood SLAs and their types	
3	PROGRAMMING WITH ASP.NET	R.Gavoury	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4 - 100% Unit 5 - 90%	Understood to create websites using datalists and data repeater	
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4 - 25 % Unit 5 - 100%	Exercises done based on Statistical concepts implemented in Java	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Review3 Completed	Implemented 80%	
6	SOFTWARE PROJECT MANAGEMENT	R.Anusha	Unit 4-100%	Evaluation of cost effort estimation techniques, Activity planning methods for software project management,Risk evaluation basics,Software contracts,Quality management,Leadership styles	

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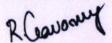
Department: M Sc. INFORMATION TECHNOLOGY

Date: 28.09.2017

Class: I Year

Semester: I

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S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	FUNDAMENTALS OF INFORMATION TECHNOLOGY	Brinda Ramanujam & Sunitha Rani T	Unit 1 - 98% Unit 2 - 100% Unit 3 -98% Unit 4 - 90% Unit 5 - 90%	Students have studied the architecture of a computer system, components and functions of a computer, addressing modes, pipelining Students have familiarised thamselves with Ethernet	
2	PROGRAM DESIGN USING C	A.Angayarkanni	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4 - 100% Unit 5 - 100%	Students have learnt to implement data structure concept in c	
3	DATA STRUCTURE AND ALGORITHMS	A.Angayarkanni	Unit 1 - 95% Unit 2 - 100% Unit 3 - 25% Unit 4 - 100% Unit 5 - 90%	Gained knowledge on various data structure and algorithm design method	
4	JAVA TECHNOLOGIES I	C.S Padmasini	Unit 1 - 100% Unit 2 - 100% Unit 3- 100% Unit 5- 100% Unit 4 - 25%	Understanding the concepts of Applets and AWT methods	
5	PYTHON PROGRAMMING	R.Gavoury	Unit 1 to Unit 5-100% Coompleted	Gained knowledge on implementing Files and web applications	
6	SOFTWARE ENGINEERING	Sakthi Kumaresh	Unit I - 100% Unit II - 100% Unit III - 100% Unit IV - 100% Unit V-95%	Students have learnt about various testing techniques.  They have also learnt nuances of maintaing software	



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Department: M Sc. INFORMATION TECHNOLOGY

Class: II Year

Date: 28.09.2017 Semester: III

S.No.	Name of the Subject	Name of the Faculty	% of portions completed	Learning outcomes	Arrangements to be made to complete portions
1	SHELL PROGRAMMING	R.Gavoury	Unit 1 to Unit 5- 100% Coompleted	Understood startup and shutdown process	
2	CLOUD COMPUTING	Dr. J.Padmavathi	Unit 1 to Unit 5- 100% Coompleted	Revision of important topics done	
3	PROGRAMMING WITH ASP.NET	R.Gavoury	Unit 1 to Unit 5- 100% Coompleted	Understood to create websites using datalists and data repeater	
4	R PROGRAMMING FOR BIG DATA	C.S Padmasini	Unit 1 - 100% Unit 2 - 100% Unit 3 - 100% Unit 4 - 25 % Unit 5 - 100%	Exercises done based on Statistical concepts implemented in Java	
5	MINI PROJECT	Brinda Ramanujam & A.Angayarkanni	Review3 Completed	Implemented 80%	
6	SOFTWARE PROJECT MANAGEMENT	R.Anusha	Unit 4-100%	Evaluation of cost effort estimation techniques, Activity planning methods for software project management,Risk evaluation basics,Software contracts,Quality management,Leadership styles	

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