



Sri Ramakrishna College of Arts and Science (Autonomous)

(Formerly S.N.R. Sons College)
(Affiliated to Bharathiar University)
(Re-Accredited with 'A' Grade by NAAC)
(An ISO 9001:2008 Certified Institution)



Nava India, Coimbatore-641 006, Tamil Nadu, India.

“Scheme of Examination along with Distribution of Marks and Credits”

CBCS & OBE PATTERN

POST GRADUATE PROGRAMMES

M.Sc.IT. Degree Course

(For the students admitted during the academic year 2017-2018 and onwards)

Sl.No	Study Components		Instruction Hours	CIA	CE	Total	Credit
	Course Code	Title					
Semester – I							
1	17MIT101	.Net Programming	5	30	70	100	4
2	17MIT102	J2EE	5	30	70	100	4
3	17MIT103	Object Oriented Analysis and Design	5	30	70	100	4
4	17MCSC101	Information Security	5	30	70	100	4
5	17MIT104	Practical – I : .Net Programming LAB	5	30	70	100	4
6	17MIT105	Practical – II : J2EE LAB	5	30	70	100	4
		Total				600	24
Semester – II							
1	17MIT201	PHP Programming	5	30	70	100	4
2	17MIT202	Mobile Application Development	5	30	70	100	4
3	17MIT203	Data Mining and Warehousing	5	30	70	100	4
4	17MITE01/ 17MITE02/ 17MITE03	Elective -I	5	30	70	100	4
5	17MIT204	Practical – III : PHP programming Lab	5	30	70	100	4

6	17MIT205	Practical IV : Mobile Application Development Lab	5	30	70	100	4
7	17MIT206	Mini Project	3	30	70	100	3
		Total				700	27
Semester III							
1	17MIT301	Data Science and Analytics	5	30	70	100	4
2	17MIT302	Python Programming	5	30	70	100	4
3	17MIT303	Cloud Computing	5	30	70	100	4
4	17MITE04/ 17MITE05/ 17MITE06	Elective – II	5	30	70	100	4
5	17MIT304	Practical – V : Data Science and Analytics Lab	5	30	70	100	4
6	17MIT305	Practical – VI : Python Programming Lab	5	30	70	100	4
7	17MIT306	Mini Project	3	30	70	100	3
8	17MITI01	Open Elective – Network Security	5	30	70	100	3**
		Total				700	27
Semester IV							
S.No	Course Code	Course		Project Report	Viva	Total	Credits
1	17MIT401	Project Work and Viva voce	-	160	40	200	12
		Total				200	12

List of Elective papers (Can choose any one of the paper as electives)		
Elective – I	17MITE01	Software Project Management
	17MITE02	Soft Computing
	17MITE03	Distributed Computing
Elective – II	17MITE04	Digital Image Processing
	17MITE05	Mobile Communications
	17MITE06	Information Coding Techniques

SUMMARY						
Subject	Papers	Credit	Total credits	Papers	marks	Total marks
Core (including Project work & Viva voce)	16 &3	64 &18	82	16& 2+1	100& 200+200	2000
Electives	2	4	8	2	100	200
IDC	1	3 ^{\$}				100 ^{\$}
Total			90			2200

\$ - NOT INCLUDED IN TOTAL MARKS & CGPA calculations.

Note : Total credits may vary between 90 – 95

*Common Subject to M.Sc [IT] and M.Sc [CS]

Nishu

BOS-Chairman

Dr. N. Sumathi, Prof & Head
Department of Information Technology,
Sri Ramakrishna College of Arts and Science
(Formerly SNR Sons College)

17MIT401 - PROJECT WORK AND VIVA VOCE

Aim: To encourage hands on practice and improve employability

Semester	IV
Credit	12
Max. Marks	CIA -160 CE -40 TOT =200

Course Objectives:

- To transfer the theoretical knowledge studied so far in to application soft wares
- To gain experience in organization and implementation of a small project and thus acquire the necessary confidence to carry out main project
- To understand and gain the knowledge of software engineering practices
- To document based on the standards

GUIDE LINES FOR PROJECT

1. Each student should carry out individually on mini project and it may be a case study using a software package that they have learnt or may be an implementation of an application using the language they have known.
2. The Project has to be done in an organization and a certificate has to be obtained for the same from the organization/concerned.
3. It should be compulsorily done only under the supervision of the staff concerned.
4. The project has to be done in any area relating to computer field.
5. The students are requested to present himself/herself for a Review for two times which will be considered for internal evaluation.
6. The students may be instructed to follow the guidelines with regard to preparation of Project Report writing.
7. Comprehensive examination (Viva Voce) will be conducted with Internal and one External Examiner which carries maximum of **160** marks for Project Evaluation and **40** marks for viva.

Course Outcomes:

After successful completion of this course student will be able to:

- Develop skill to create practical solutions to identified problem.
- Ability to use software lifecycle model and other artifacts appropriate for problem
- Identify and master tools required for the project
- Plan and work systematically towards completion of a project work
- Develop the ability to explain and defend their work in front of an evaluation panel



Prepared by
(Dr N Sumathi)



Approved by
(Dr N Sumathi)

DEPARTMENT OF INFORMATION TECHNOLOGY

SRI RAMAKRISHNA COLLEGE OF ARTS AND SCIENCE, AUTONOMOUS
(FORMERLY SNR SONS COLLEGE)
COIMBATORE – 641006

GUIDELINES FOR MINI-PROJECT REPORT PREPARATION M.Sc., IT 2017 BATCH & ONWARDS

General rules

- Students are expected to undergo project work individually and submit individual project report.
- Project reports should be typed / printed in double space using A4 size Bond sheets with a left margin at column 10 and a right margin at column 75.
- A page should not contain more than 25 lines.
- Wrapper should be **SILVER COLOUR, HARD BINDING** and printing of wrappers should be done uniformly.
- The source code should be loaded and made readily available in the system during Viva-Voce examination for verification by the examiners.
- Table of contents should be in the specified format.
- A **Certificate from the organization** where the project is undertaken by the student should be obtained and copies should be duly enclosed in the project report.
- **Title Confirmation** and **Confirmation letter** from the concern where the student wish to undergo the project should be submitted on or before < **DATE** > to the Guide and HOD, Information Technology, Sri Ramakrishna College of Arts and Science, Coimbatore.
- The tenure of the project is from <From **DATE**> to <To **DATE**>.
- Guide will be selected by the candidate by picking the lot

REVIEW SCHEDULE:

I Review : < **DATE** >

II Review : < **DATE** >

III Review : < **DATE** >

Report Submission : < **DATE** >

The students are expected to report to their respective guides at least one week before the submission of the report and make all possible corrections in their reports from guides before binding the report.

- The students should submit three copies of project report (Dept, Library, Student)

Project Report Format:

The format of the report is as follows:

1. Wrapper (Annexure I)
2. Copy of the Wrapper
3. Certificate from the Department (Annexure II)
4. Declaration by the student (Annexure III)
5. Certificate from the organization
6. Acknowledgement
7. Table of contents (Annexure IV)

GUIDELINES FOR PROJECT REVIEWS AND PRESENTATIONS

Documents for project presentation	Applicable for
Title	First Review
Abstract	
Introduction	
Existing System	
Proposed System	
Modules Split up	
Architectural Design for Proposed System	Second Review
Table Design	
DFD / UML diagram	
Implementation	Third Review
Testing and Demo	

Class Tutor

(Name and Signature)

H. O. D

(Name and Signature)

