7.2 Best Practices

1. E-management of Examination System

Aim:

To manage the end-to-end processes of the examination right from the application to declaration of results by using a highly integrated and sophisticated software system.

Objectives:

1. To make the examination system fully automated

2. To ensure smooth and easy functioning of the examination system for all the stakeholders- students, faculty and examiners

3. To facilitate online evaluation of the papers

Context:

CARE always want to upgrade the existing systems in order to make it easy and for efficient functioning. In that context, attempt has been made to make the whole system of examination fully automated with all the processes integrated with each other. The goal is to facilitate and help all the stakeholders involved in the examination process to have a smooth and easy access to all aspects of the exam system.

The current system has been designed in such a way that the student can log in any time and he/she will have access to the syllabus, question banks, IA marks, attendance, eligibility for examination and so on. Further, the students can apply online for the examination and pay their exam fee through this portal. They also can download their hall ticket in the same portal. The submission of thesis/dissertation for the post graduates (MD / MS / DM / Mch) as well as approval of the same by the external examiners have also been facilitated in the EMS.

Like students, the faculty (Heads of the Departments) will have a separate log in ID, through which they can submit the attendance, IA marks of the students. The eligibility criteria has been built in as default in the software and based on the IA marks and the attendance, the software will automatically detect whether the student is eligible for the examination or not.

The unique aspect about this new system is the "*Online evaluation*" where the answer sheets of the students will be scanned and uploaded in the portal and the examiners can view the answer sheets for evaluation. The marks for each question has to be awarded separately in the allotted field and the total will be calculated. The advantage is that there will not be any error that occur in the totaling, like in manual evaluation.

After the evaluation, the results will be declared within a week's time and the students can view their marks in the same portal.

The Practice:

The Online Evaluation System has been developed and maintained in house by a team of qualified IT professionals, after getting inputs from the Students, Faculty and Controller of Examiner.

The following environment is used for the development and maintenance of the software.

Coding Language: PHP

Operating System: Windows Server 2012 R2

Database: MySQL

The software consists of exam session, courses, subjects, students are assigned to the exam session. Create examiners for the corresponding subjects. Upload answer sheets and assigned to the examiners, they examine the answer sheets through online and post the marks. Finally examiners acknowledge the report for their subjects and sent through email to Examination Section.

After the development of the software, the IT team has given orientation to the students and faculty on how to use this software through demo sessions. Later, the portal was released in the website for use.

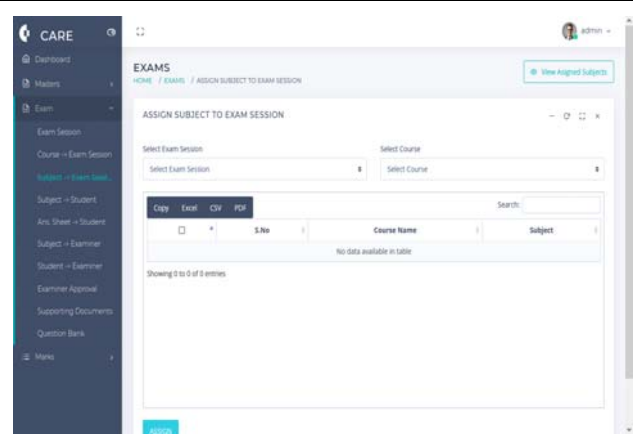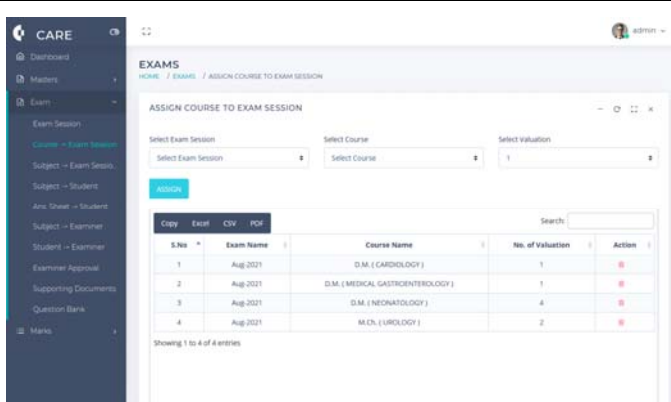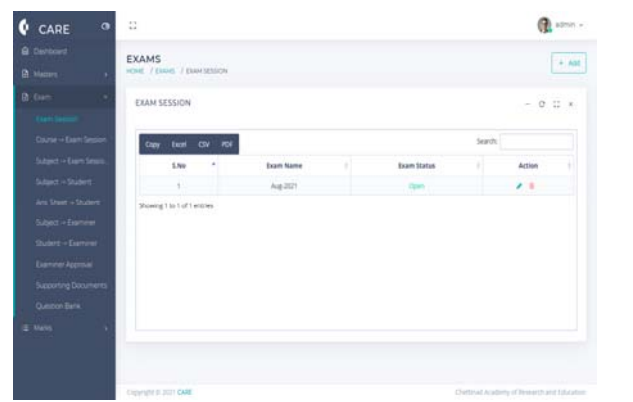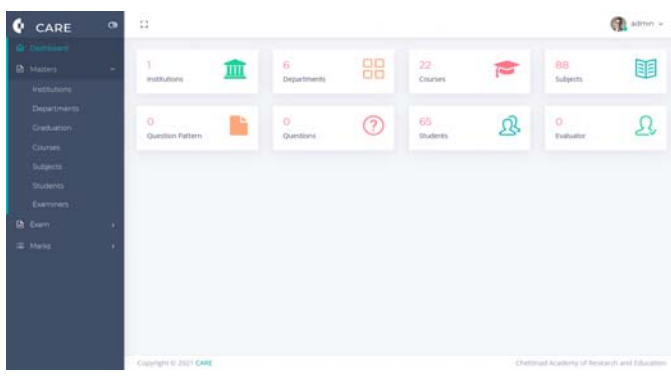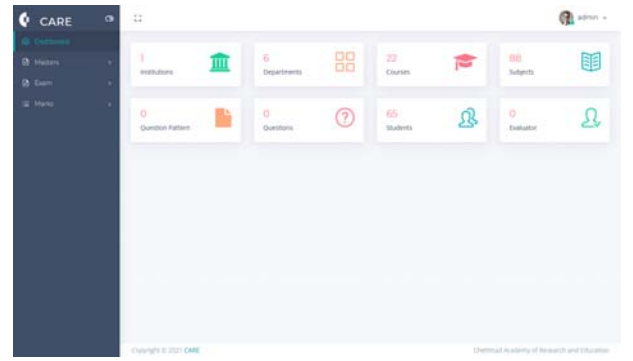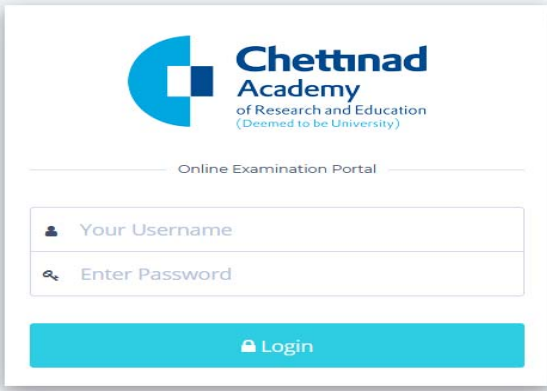## Obstacles faced if any and strategies adopted to overcome them:

- At the initial stages of this process, there were different expectations from the stakeholders like students, faculty and COE. Several meetings were convened involving all the stakeholders and all the concerns were addressed and the suggestions were incorporated in such a way that it could satisfy all the expectations and demands.

- Once the system has been launched, initially the students and the faculty felt it difficult to use the software but this problem was overcome by repeated demo sessions by the IT department.

Evidence of Success:

1. Easy access to all the processes of examination for the students anywhere and anytime
2. Contributed to the environmental sustainability as it reduced most of the paperwork
3. Time saving for the students, faculty and the staff

Resources: Extended hours of work by the IT team, Budget for software development

Screenshots of Examination software

Panel 1 — EXAMS / VIEW ASSIGNED SUBJECT TO EXAM SESSION

CARE

HOME / EXAMS / VIEW ASSIGNED SUBJECT TO EXAM SESSION [Back]

VIEW ASSIGNED SUBJECT TO EXAM SESSION

Select Exam Session: Aug-2021
Select Course: D.M. (CARDIOLOGY)

Copy Excel CSV PDF   Search:

S.No	Exam Name	Course Name	Subject	Action
1	Aug-2021	D.M. (CARDIOLOGY)	PAPER I - APPLIED BASIC SCIENCES RELATED TO CARDIOLOGY	
2	Aug-2021	D.M. (CARDIOLOGY)	PAPER II - CLINICAL CARDIOLOGY	
3	Aug-2021	D.M. (CARDIOLOGY)	PAPER III - HEMODYNAMICS THERAPEUTICS AND INTERVENTION	
4	Aug-2021	D.M. (CARDIOLOGY)	PAPER IV - RECENT ADVANCES IN CARDIOLOGY AND PREVENTIVE CARDIOLOGY	

Showing 1 to 4 of 4 entries

Sidebar: Dashboard, Masters, Exam (Exam Session, Course → Exam Session, Subject → Exam Sessi..., Subject → Student, Ans. Sheet → Student, Subject → Examiner, Student → Examiner, Examiner Approval, Supporting Documents, Question Bank), Marks

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Panel 2 — EXAMS / VIEW ASSIGNED LIST

CARE

HOME / EXAMS / VIEW ASSIGNED LIST [Back]

VIEW ASSIGNED LIST

Select Exam Session: Aug-2021
Select Subject: 04011 (PAPER I - APPLIED BASIC SCIENCES RELATED TO CARDIOLOGY)
Select Batch: 2018 - 19

Copy Excel CSV PDF   Search:

	S.No	Registration Number	Student Name	Course	Batch
☐	1	37180101	SAMA AKBER	D.M. (CARDIOLOGY)	2018 - 19
☐	2	37180102	SHANKAR RAJAN S M	D.M. (CARDIOLOGY)	2018 - 19

Showing 1 to 2 of 2 entries

Panel 3 — ASSIGN SUBJECT TO EXAMINER

CARE

ASSIGN SUBJECT TO EXAMINER

Select Exam Session: Aug-2021
Select Subject: ___   Select Examiner: ___

[ASSIGN]

Copy Excel CSV PDF   Search:

	S.No	Examiner Name	Course	Subject Name
☐	1	KRISHNA DAS DEVADAS	D.M. (MEDICAL GASTROENTEROLOGY)	PAPER I - BASIC SCIENCES AS APPLIED TO GASTRO ENTEROLOGY
☐	2	KRISHNA DAS DEVADAS	D.M. (MEDICAL GASTROENTEROLOGY)	PAPER II - GENERAL GASTROENTEROLOGY INCLUDING PAEDIATRIC AND PREVENTIVE GASTRO ENTEROLOGY
☐	3	KRISHNA DAS DEVADAS	D.M. (MEDICAL GASTROENTEROLOGY)	PAPER III - HEPATO BILLIARY, PANCREATIC DISEASES
☐	4	KRISHNA DAS DEVADAS	D.M. (MEDICAL GASTROENTEROLOGY)	PAPER IV - RECENT ADVANCES IN THE GASTRO ENTEROLOGY
☐	5	LEELA SUDHAKARAN KAMATH	D.M. (NEONATOLOGY)	PAPER I - APPLIED BASIC SCIENCES AS APPLIED TO NEONATOLOGY AND PERINATOLOGY; RESEARCH METHODS

[Unassign]

Panel 4 — EXAMS / EXAMINER APPROVALS

CARE

HOME / EXAMS / EXAMINER APPROVALS

EXAMINER APPROVALS

Copy Excel CSV PDF   Search:

S.No	Examiner Name	Email Address	Mobile Number	Action
1	JYOTSNA. M	janaswamyjyotsna@gmail.com	9491073627	Disable
2	KRISHNA DAS DEVADAS	kdas40@gmail.com	9847111824	Disable
3	LEELA SUDHAKARAN KAMATH	drleela@gmail.com	9847694953	Disable
4	ALIMELU M	asvnrao@yahoo.com	9391319672	Disable
5	MANGALABARATHI S	drmangalabharathi@gmail.com	9840786836	Disable
6	GIRIDHAR	giridharsethu@gmail.com	9841027228	Disable
7	MOSSADEQ	uromos2012@gmail.com	9626268383	Disable
8	ARUN CHAWLA	urologyarun@yahoo.com	9008002440	Enable
9	SHIVALINGAIAH.M	mshivu7@gmail.com	9845229217	Disable

Showing 1 to 9 of 9 entries

Panel 5 — MARKS / VIEW MARKS

CARE

HOME / MARKS / VIEW MARKS

MARK DETAILS

Copy Excel CSV PDF   Search:

Reg Number	Student Name	Department	Course	Subject Name	Marks
37180101	SAMA AKBER	CHETTNAD HOSPITAL AND RESEARCH INSTITUTE	D.M. (CARDIOLOGY)	PAPER I - APPLIED BASIC SCIENCES RELATED TO CARDIOLOGY	56
37180101	SAMA AKBER	CHETTNAD HOSPITAL AND RESEARCH INSTITUTE	D.M. (CARDIOLOGY)	PAPER II - CLINICAL CARDIOLOGY	55
37180101	SAMA AKBER	CHETTNAD HOSPITAL AND RESEARCH INSTITUTE	D.M. (CARDIOLOGY)	PAPER III - HEMODYNAMICS THERAPEUTICS AND INTERVENTION	59
37180101	SAMA AKBER	CHETTNAD HOSPITAL AND RESEARCH INSTITUTE	D.M. (CARDIOLOGY)	PAPER IV - RECENT ADVANCES IN CARDIOLOGY AND PREVENTIVE CARDIOLOGY	60
37180102	SHANKAR RAJAN S M	CHETTNAD HOSPITAL AND RESEARCH INSTITUTE	D.M. (CARDIOLOGY)	PAPER I - APPLIED BASIC SCIENCES RELATED TO CARDIOLOGY	56
37180102	SHANKAR RAJAN S M	CHETTNAD HOSPITAL AND RESEARCH INSTITUTE	D.M. (CARDIOLOGY)	PAPER II - CLINICAL CARDIOLOGY	65

Sidebar: Marks (View Marks, Download Mark State...)

Panel 6 — Exam Scripts marking

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Exam Scripts 4/4

38 — You can't submit the marks until completion of minimum time.

Buttons: Consolidated Report, Question

Chettnad Academy of Research and Education

Total Marks: 61

SECTION A
Essays(2 X 20 = 40)
Q1 14
Q2 15

SECTION B
Short Notes(8 X 10 = 60)
Q3 4
Q4 5
Q5 4
Q6 6
Q7 7

‹ Back

Show 10 entries   Search:

S.No	Subject	Register Number	Total Marks	Action
1	PAPER I - BASIC SCIENCES APPLIED TO UROLOGY	43380	61	👁 View
2	PAPER II - CLINICAL UROLOGY AND INVESTIGATIVE UROLOGY	40801	61	👁 View
3	PAPER III - UROLOGICAL SURGERY AND RECONSTRUCTION	40100	60	👁 View
4	PAPER IV - RECENT ADVANCES IN UROLOGY	44039	63	👁 View

Showing 1 to 4 of 4 entries

Previous 1 Next