

	Dr. N.G.P. ARTS AND SCIENCE COLLEGE (An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore) Approved by Government of Tamil Nadu and Accredited by NAAC with 'A' Grade (2 nd Cycle) Dr. N.G.P. – Kalapatti Road, Coimbatore-641048, Tamil Nadu, India Web: www.drngpasc.ac.in Email: info@drngpasc.ac.in Phone: +91-422-2369100	NAAC 3rd Cycle
		Criterion VI Metric 6.2.3

6.2.3: Implementation of e-Governance in Area of Operation

The following are the ERP document for examination modules implemented by the institution during the academic year 2016-17 to 2020 - 21:

S.No.	Module
1	Examination



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Campes Examination

User Mannual

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Enclosures

- ❖ Exam Activities Automated Diagram
- ❖ Autonomous College Exam cell Automation Computerized Academic Management Processing and Expert System(CAMPES)
- ❖ Masters
- ❖ Basic Process
- ❖ Exam Process
- ❖ Reports
- ❖ Software Technical Details
- ❖ Hardware Specifications
- ❖ Support Specifications





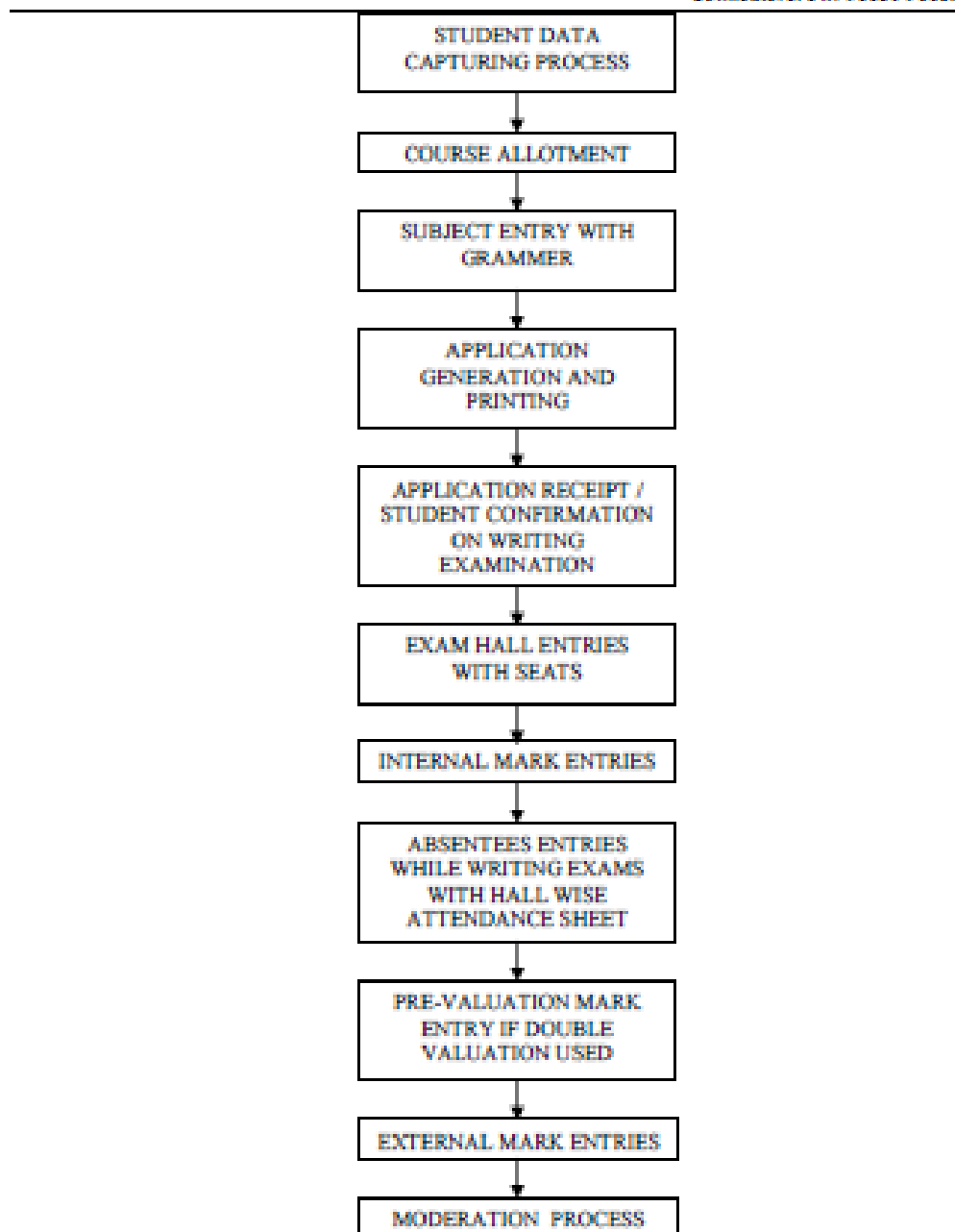
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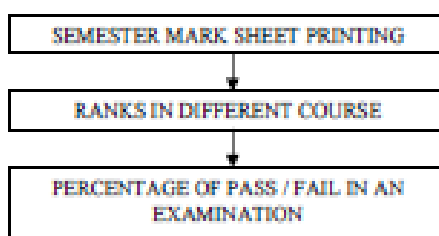
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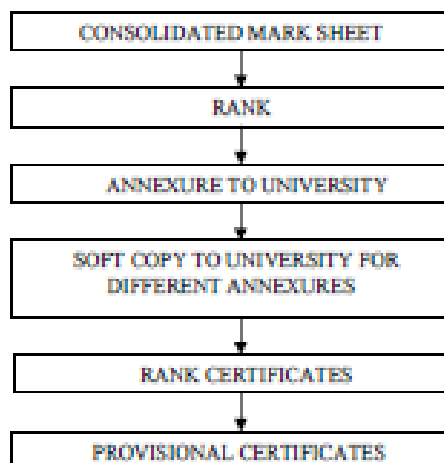
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REPORTS ON ACADEMIC / RESULT PUBLISHING MEET



AT FINAL SEMESTER FOR EACH YEAR





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Masters

1. Student personal
2. Department
3. Courses/Programs
4. Subjects
5. Exams
6. Exam Halls
7. Convocation

1. Student Personal

It Captures Student information with Register no. as primary key. New student can be added, modified and deleted here. To restrict students in participating from exam process they can be made inactive state.

2. Department

Departments can be created in this module.

3. Courses/Program

Courses/ programs are created under Departments. New Courses are created for each year for same discipline, to accommodated the grammar change for each curriculum year.

4. Subjects/ Courses

The terminology subject is called as courses when Courses are called as programs. Subjects are created under selected department and course. The subject code is considered as primary key in creating subjects.

5. Exams

Semester Exams are created here. This is the starting point of each exam Process.

6. Exam Halls

Examination Halls are created here. Room Code is the primary key. No of seats are calculated by getting rows and cols. Serial no are generated in matrix format.





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7. Convocation

This is created for each final year students. Consolidated mark sheet and university annexure and ranks are generated here.

Process

1. Basic process

2. Exam Process

1. Basic Process

- 1.1 Academic Allotment.
- 1.2 Subject Allotment.
- 1.3 Adding Photo of student

2. Exam Process

2.1 Application Generation and printing

On every Exam this is the starting point. All the subjects allotted for student in current semester are considered as Regular papers. The subjects with Re-appear status in previous semesters are considered as Arrears. Application no is primary key for applications and fees Demand galley is generated for office purpose to tally fees collection.

2.2 Student Confirmation

On Fees collection from principal office and eligible candidate selected allocation reaching the COE office will be confirmed for the selected exam in this module. This is the real list for an exam process.

2.3 Hall Ticket Generation and Printing

It is the authenticated report given for the candidates to appear for an exam with photo.

2.4 Exam Time Table Entries

For Each Subjects confirmed for exam, date and Session is assigned. Campus indicate the occasion when a same student writes exam in same day and session.





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2.5 Hall Allotment

The exam seating arrangement can be made before each exam and it produce variety of reports in guiding the no. of question papers to be distributed to each hall. Hall Signature report is produced to get signed from the candidate.

2.6 Mark Sheet Code generation

To Make a certificate number Unique a certificate code is generated for each student confirmed for the exam. This is one of the security feature to avoid duplicate mark sheet for same student for selected exam. And also each mark/Grade sheet is referred by a code which is unique.

2.7 Exam Absentee Entries

On the day of exam absentee candidate entry for particular subject can be mark in either two ways. One though the exam hall signature list collected from exam hall and another way though selection the subject and loading the candidates who are confirmed for that subject.

2.8 Internal mark Entries

CIA/Internal marks are collected from concern department and it should be entered through internal mark module when there is no campus internal mark import provision. This is manual method of mark entry.

2.9 External mark Entries

ESE marks can be keyed in through this module is there is no OMR / Digital Valuation Module, through a score sheet from valuation hall.

Reports

1. Portable Reports

2. Report Specifications

1. Portable Reports

The reports are designed in such a way that the non computer science operators can also modify to some extend. For example page size settings, font settings etc. All reports can be exported to other formats such as HTML, Word and excel documents, Graphs and charts etc.





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2. Report Specifications

- 2.1 Exam Applications
- 2.2 Hall Tickets
- 2.3 Photo Verification
- 2.4 Subject Allocation verification
- 2.5 Mark score sheet
- 2.6 Publish Result
- 2.7 Semester Mark/Grade Sheet printing.
- 2.8 Result Analysis
- 2.9 Consolidated mark sheet

Software Technical Details

Developing tool	:	Visual Basic 6.0 with SP5
Database Server	:	MSSQL Server 2000 with SP3
Reporting Tool	:	Seagate Crystal Reports 8.0
Grid Tools(3 rd Party)	:	VS Flex Grid
Operating System		
Server	:	Windows Server 2008 Enterprise
Client	:	Windows xp

Hardware Specifications

Computers

For Server 1 Nos

Machine with Corei5 Processor with 360 GB and 4 GB of RAM
(or) a Starting Level Server of any brand

For Clients 2 Nos

Machine with Corei3 Processor with Minimum 360 GB and 4 GB of RAM





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Note: Later the server machine can be transferred as client and a server machine can be replaced.

Net work

One 8 port Switch Net worked with above systems

Printers

- | | |
|--|-------|
| 1. Laser printer (High End preferable) | 1 nos |
| 2. Printronix Dot matrix Line mode printer which supports 14" width paper to printing a broad consolidated mark sheets and nominal galley. | 1 nos |

Support Specifications

1. Installation of developed modules.
2. Customizations inside premises.
3. Further Development of Software and Reports
4. Consultations in Technical aspects.
5. Rectifying Break downs.

