

### PARVATHANENI BRAHMAYYA SIDDHARTHA COLLEGE OF ARTS & SCIENCE





2.5.3: IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA)/Formative Assessment have brought in considerable improvement in Examination Management System (EMS) of the Institution

### SUPPORT DOCUMENTS

(as reflected in the administrative and academic activities of the Institution)

Link to the relevant Document:



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The College's Examination Management System (EMS) has improved due to IT integration and modifications to examination processes including Continuous Internal Assessment. These changes streamlined and modernised several examination system components, boosting security, confidentiality, accuracy, efficiency, and transparency.

### Reforms in the examination procedures and processes

By using PHP software, which keeps track of student information, exam information, topic information, fee information, and exam scheduling information, the college's examination processes are now completely automated.

The college's exam system has several important components, such as:

- 1. Automated procedure: The college website provides pertinent information, including schedules, notifications, and results, and the entire test procedure is entirely automated. The results of the semester-end exams are published on a different portal <a href="Admin PBSCAS">Admin PBSCAS</a> (siddharthaexam.in) which is easily accessible to students.
- 2. Timely Results Declaration: In order to provide students with a timely outcome, the results of the Semester End Examination are announced within 30 days from the last exam.
- 3. Revaluation of Answer Scripts: By paying the required fee, students can get their answer scripts revaluated. This service is available to the student within a week to 10 days of the results being announced.
- 4. Supplementary tests: All semesters include supplemental tests that are administered soon after the results are announced, providing students with a chance to raise their performance.
- 5. Strict Actions against Malpractice: The college takes strong action against unfair practices in theoretical and practical exams. It is a malpractice crime for a candidate to try to influence teaching or non-teaching personnel for their own benefit. If misconduct is discovered at any point, it is dealt with harsh penalties.
- 6. Barcoding of answer scripts: To combat cheating during test evaluation, we added barcodes to answer scripts in the academic year 2022–2023.
- 7. Activity: Student participation in any one of the listed Co- curricular activities like participation in seminars/ workshops/conferences as well literature review etc., is given due marks in CIA.

### IT Integration:

IT integration has accelerated the examination process, improving efficiency and transparency. Various examination operations, such as capturing internal and external marks, posting results, and creating mark memos, have been made possible through the use of ICT, providing greater convenience to all stakeholders. Using PHP software for calculating SGPA, CGPA, and grades improves accuracy and reduces human error.

The EMS enables effective communication among the college administration, professors, and students. It delivers automatic notifications for examination schedules, changes in timetable, submission deadlines, and result announcements to ensure timely information dissemination. The IT-integrated EMS allows for effective data administration and analysis. It maintains and

organises student records, examination data, and performance metrics, which are then utilised to generate meaningful reports.

### **Continuous Internal Assessment:**

Implementation of Continuous Internal Assessment (CIA) is a key component of examination changes at PB Siddhartha College.

IT integration is crucial to PB Siddhartha College's CIA deployment. Midterm test, online exam, seminar with PPT presentation, and attendance comprise the CIA. CIA marks are submitted by personnel via college automation.

The php software has been highly useful in making the Examination Management System of P B Siddhartha College to run smoothly and for timely declaration of results.

### Examination Management:

Efficient Scheduling: PHP can optimize exam schedules, considering factors like room capacity, instructor availability, and student preferences.

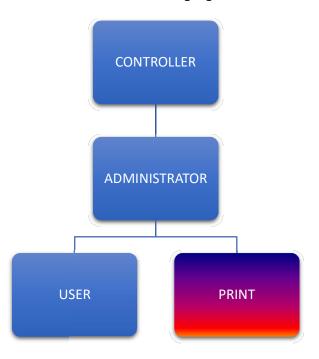
Automated Notifications: It can send automated notifications to students and faculty about exam dates, timings, and results.

Resource Allocation: PHP can help allocate resources like exam halls, invigilators, and stationery efficiently.

The operational details of the software are as follows:`

## **PBSC**

# **Examination Management System**Web Based Application

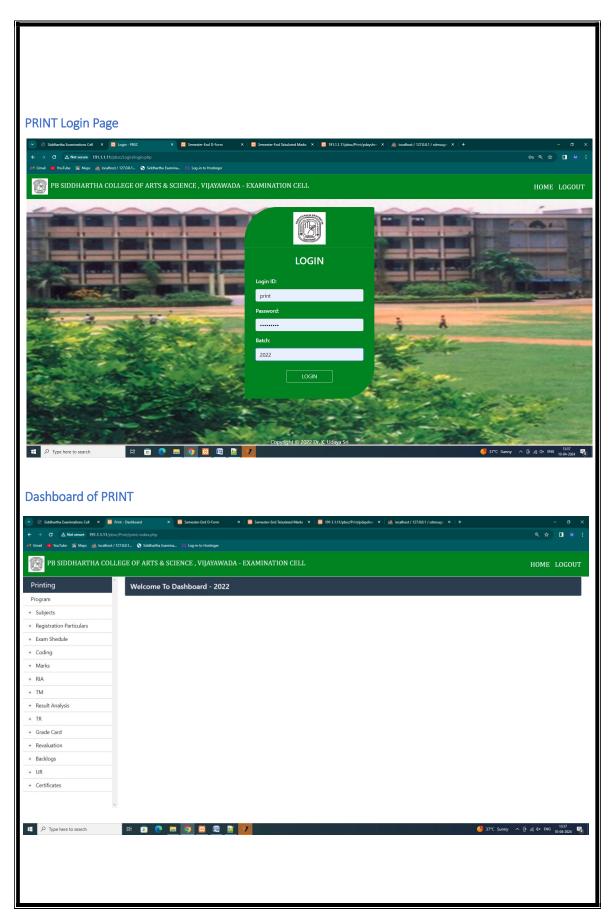


**Second Level: Print-level** 

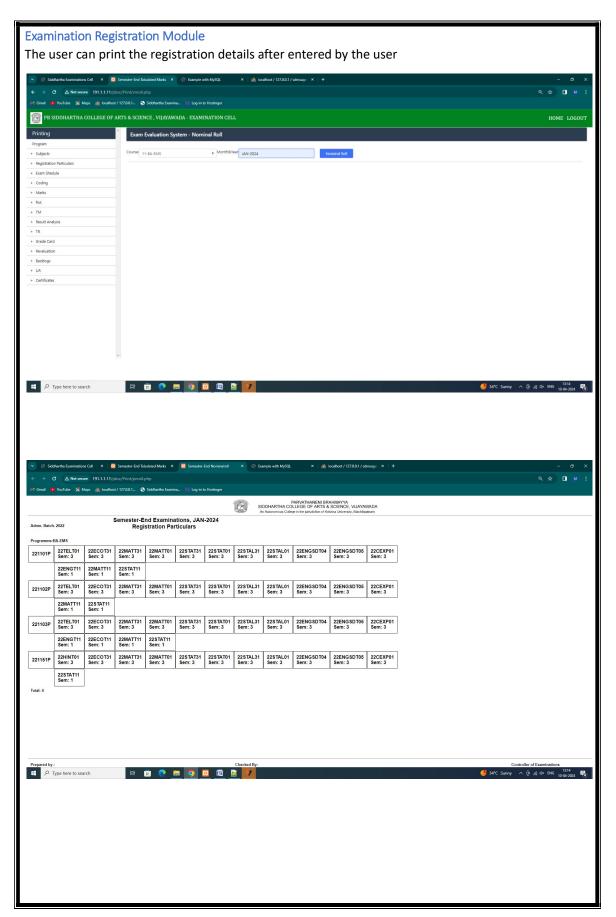
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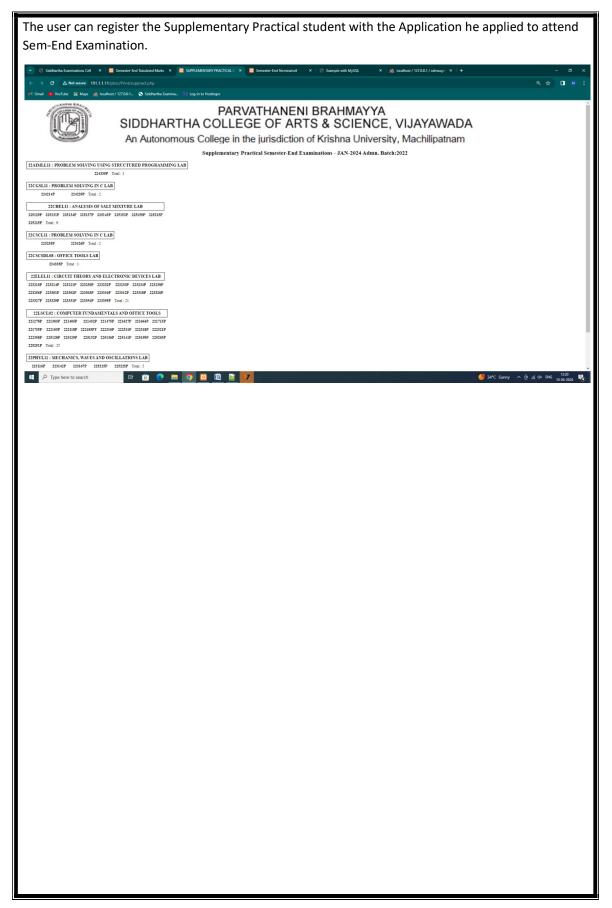
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PRINT Login Page	4
Dashboard of PRINT	
Examination Registration Module	5
Examination Schedule Module	9

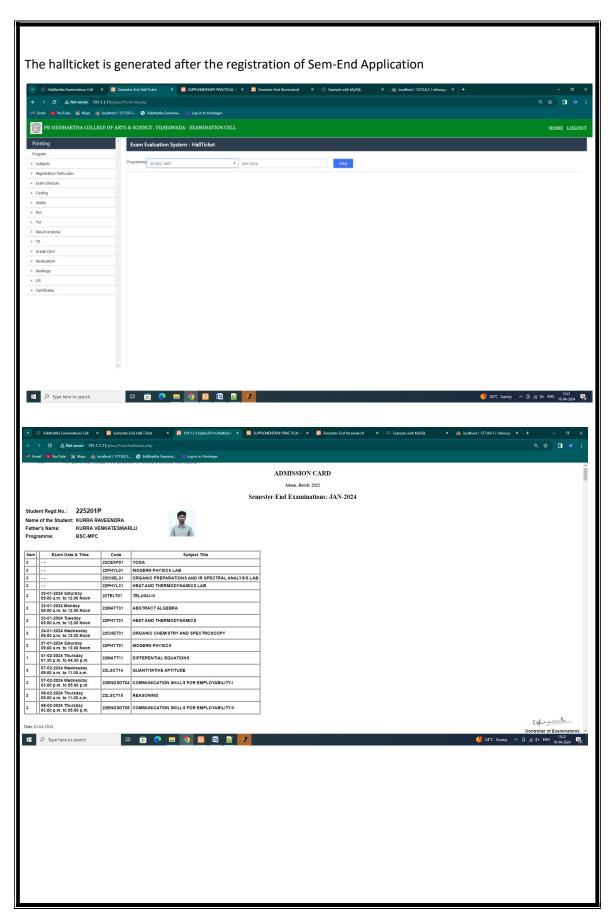
The Print-level is the second level of hierarchy to use the application. Any user can have access to login with same credentials and authorised to only view the data and take the prints. Operations performed by User Print the Programmes Details **Print the Students Details** Print the Courses with titles for each programme Print the TimeTable entered by the user

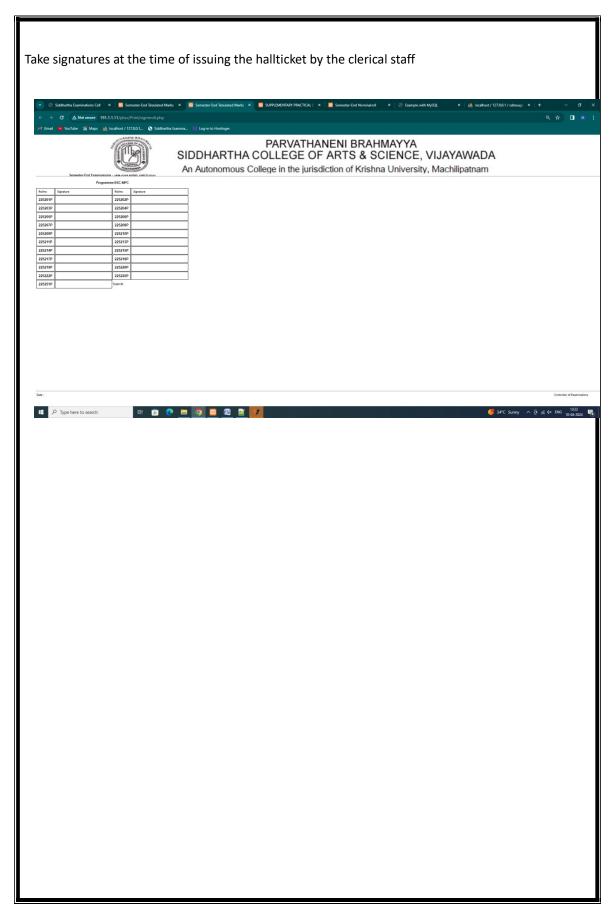


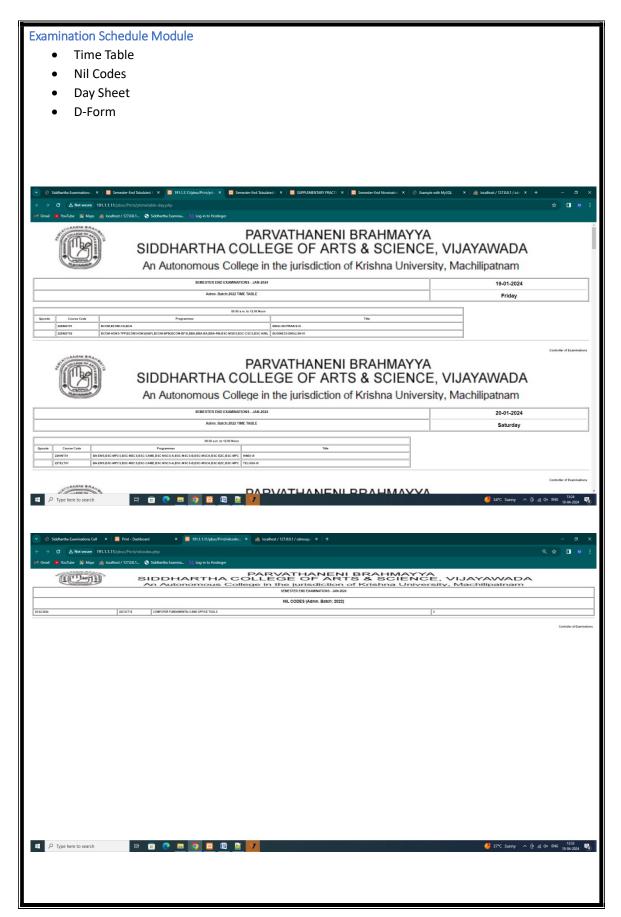
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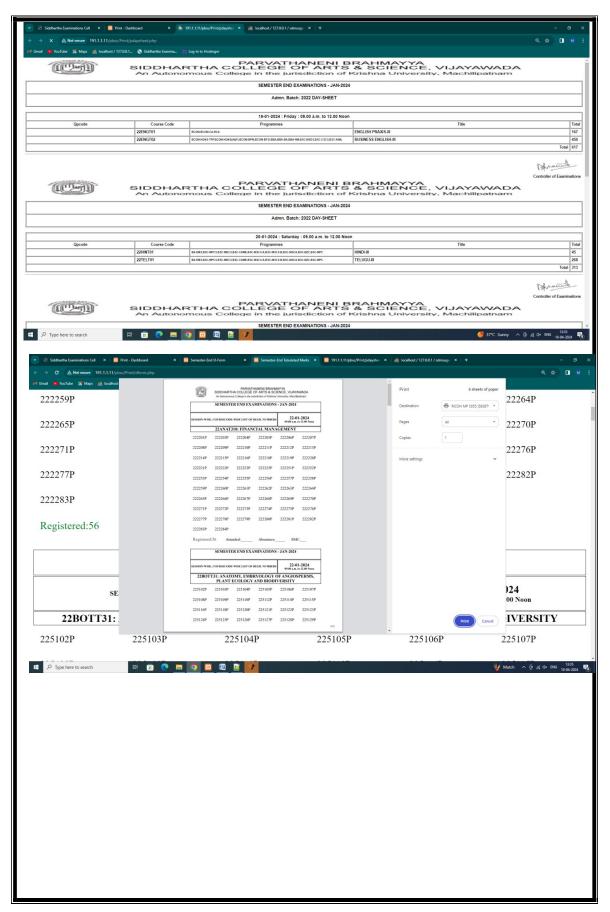


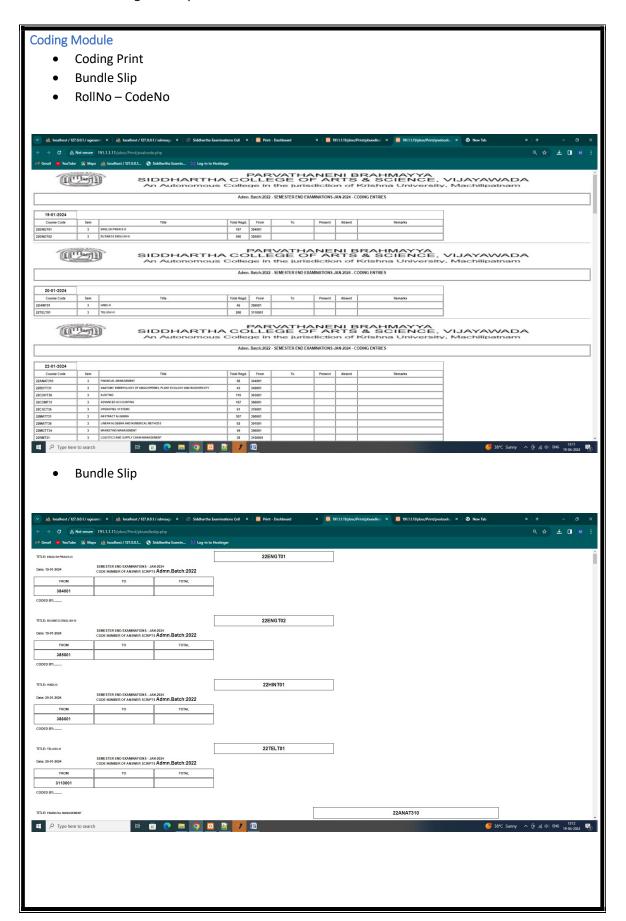


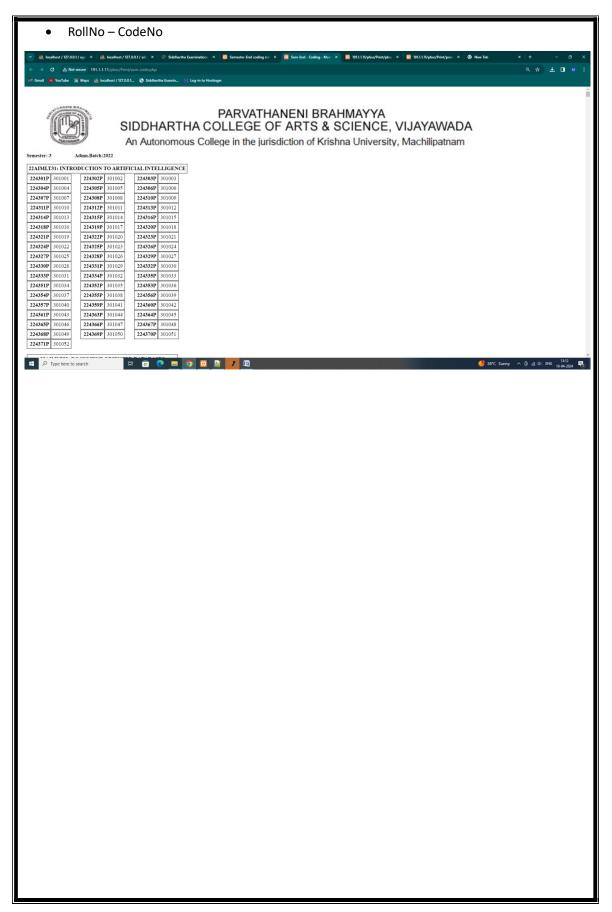


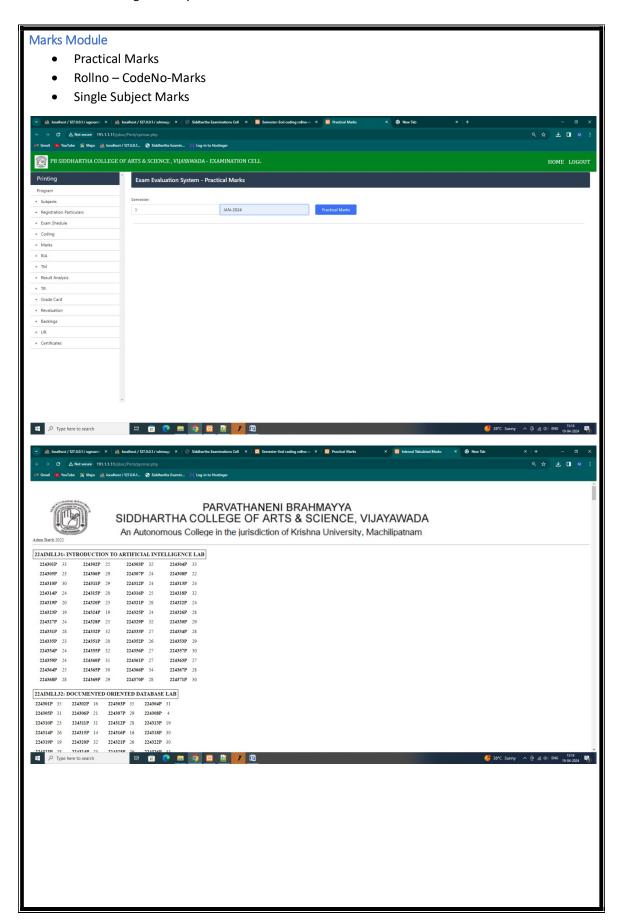


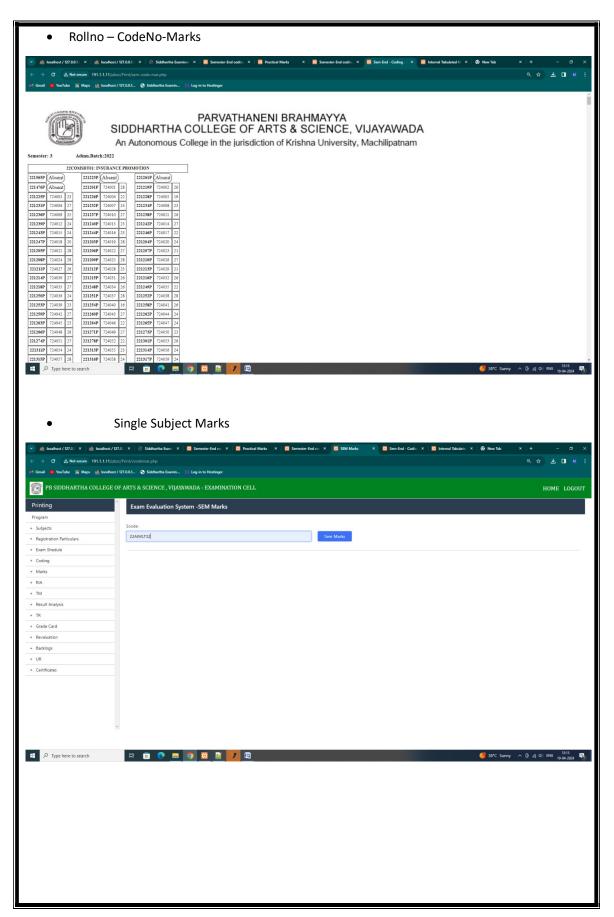




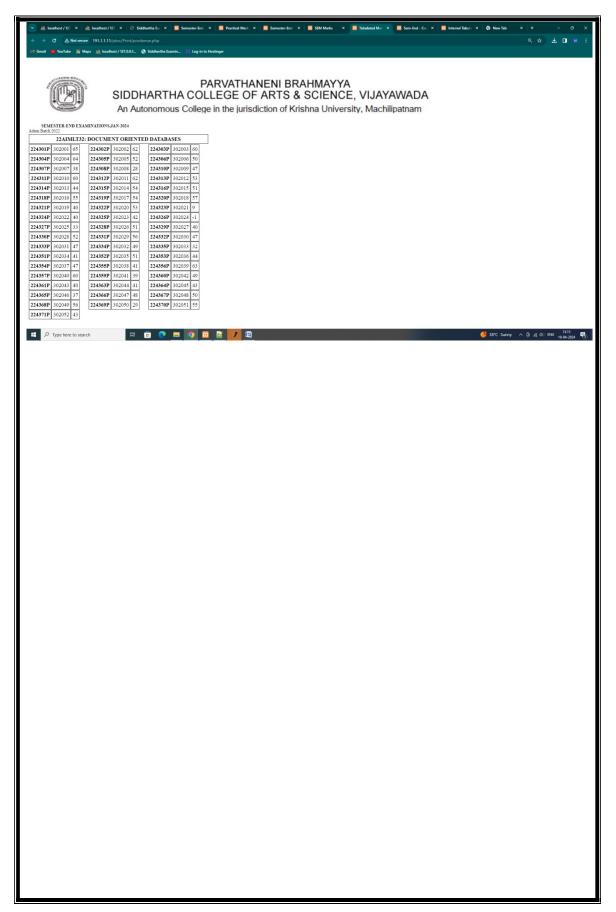


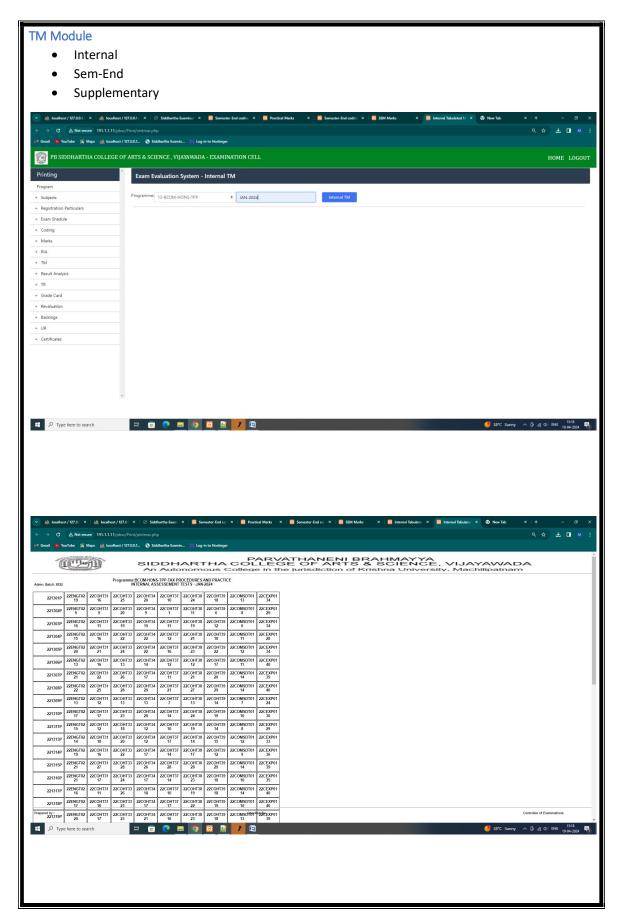


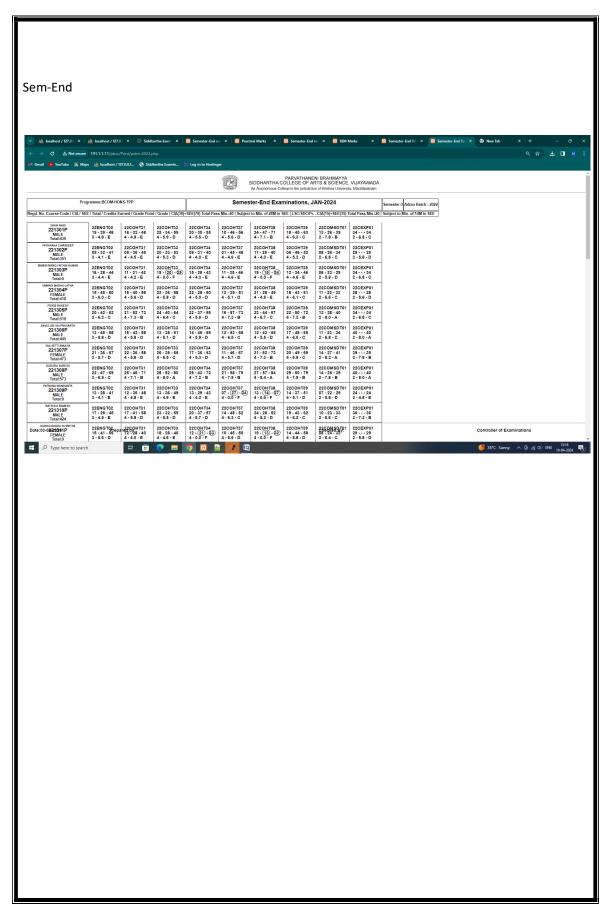


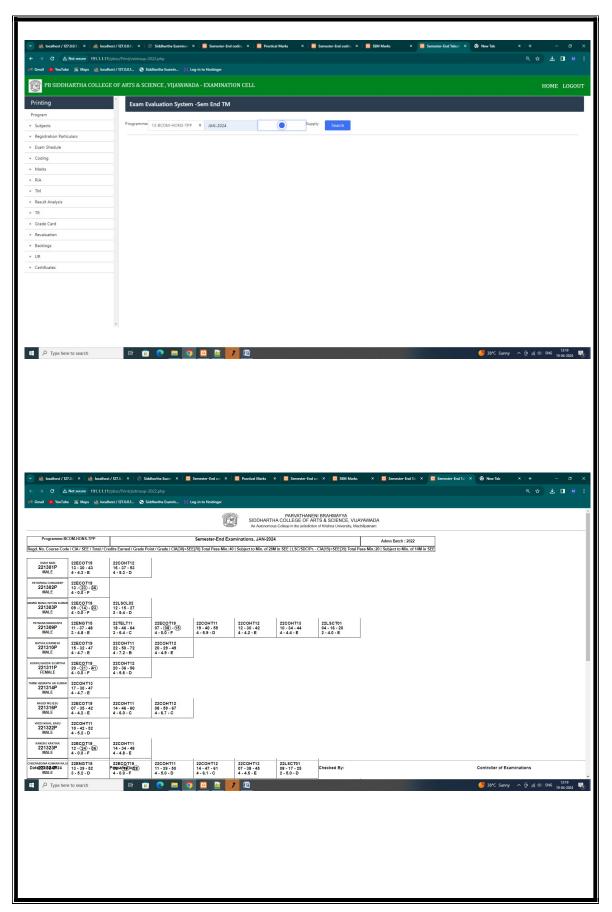


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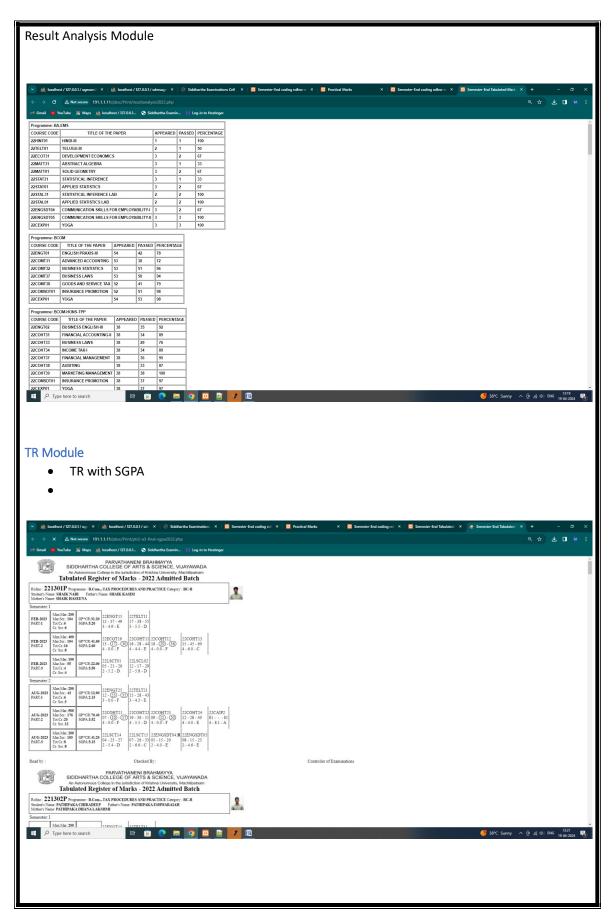




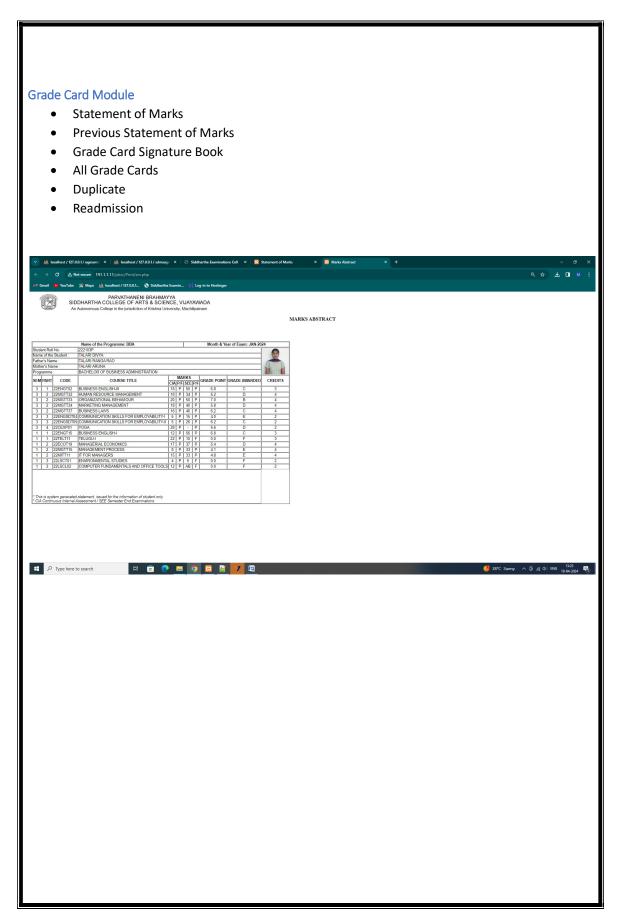


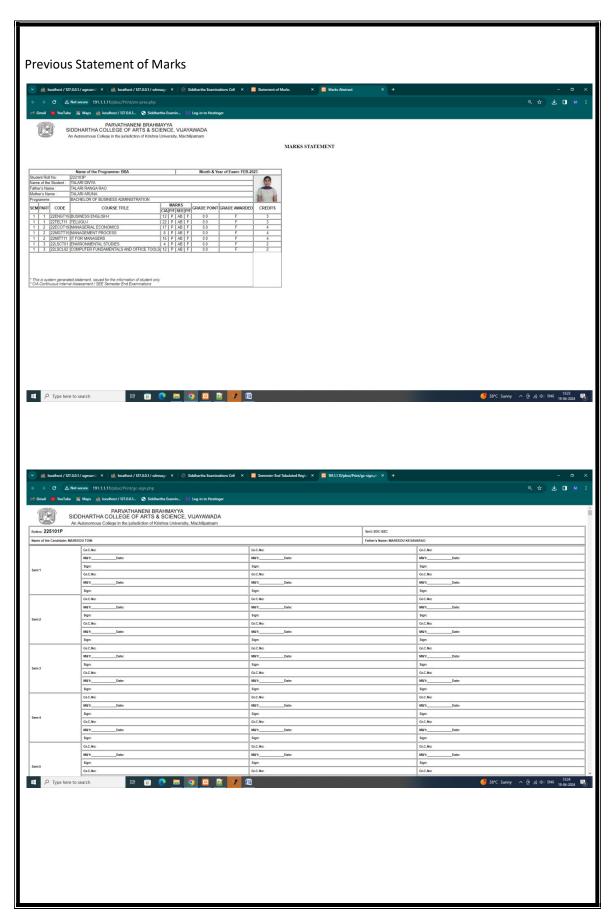


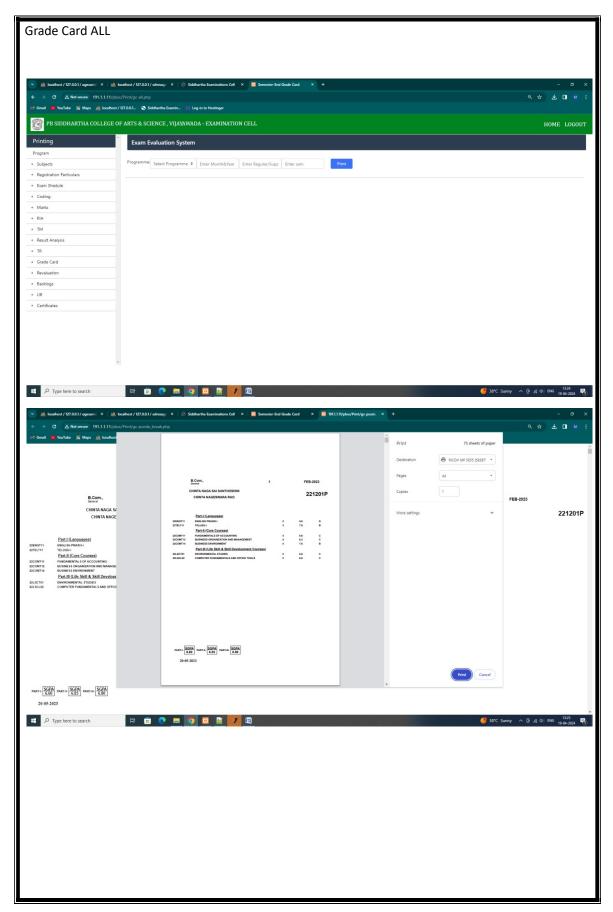
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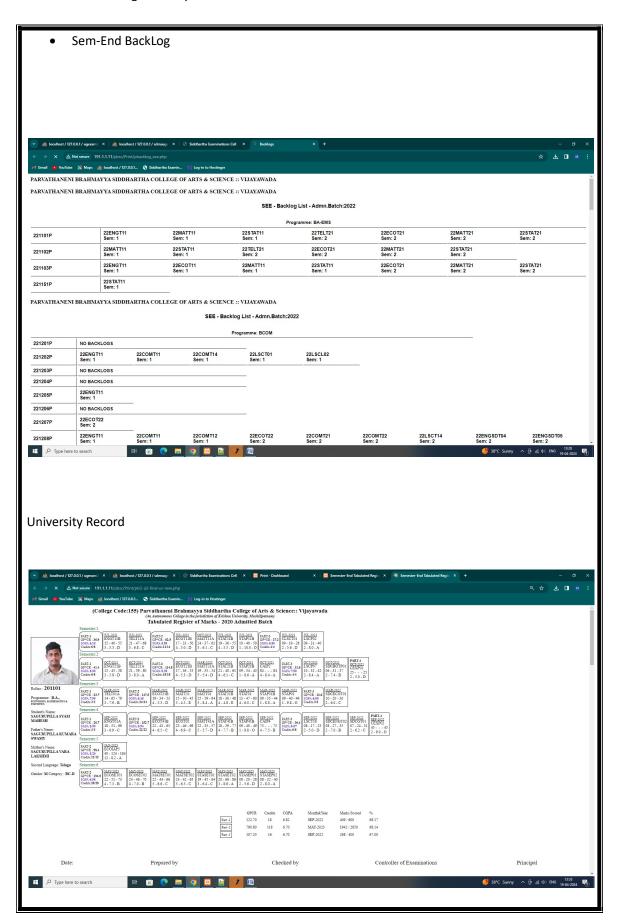




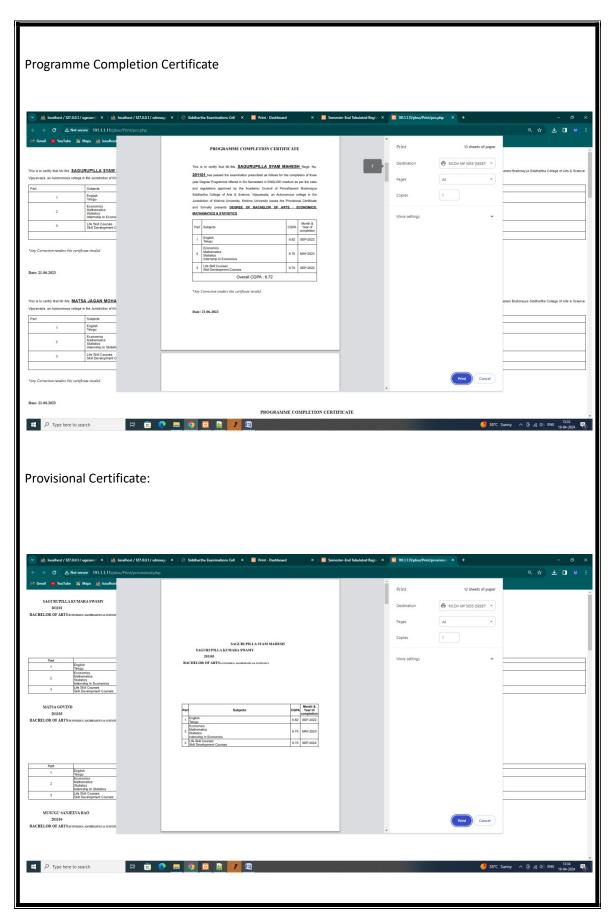


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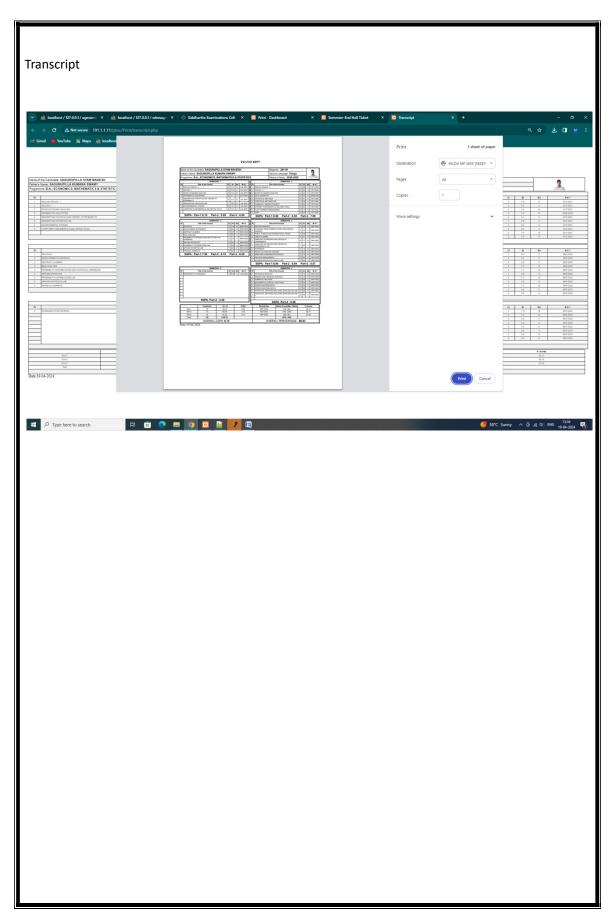
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### List of Activities for Internal Assessment Component besides Scheduled Tests

Criteria for Allocation of Marks for Assignments
TOTAL MARKS: 10 MARKS (Method —I + Method —II)

### (I) EVALUATION OF ASSIGNMENTS (5 MARKS)

- Assignment should be submitted for each theory course.
- The assignment should be related to course content.
- Assignment topics are allocated for every student.

S.No	tion Criteria Description	Marks Allocated
1	Relevance	4 Mark
<del>-;</del> -	Quality of Content	5 Mark
	Resources Referred	5 Mark
<del>-</del>	Originality	7 Mark
<del>-</del>	Timely Submission	4 Mark

### (II) OTHER EVALUATION METHODS (5 MARKS)

- Student should choose any one of the following Activities. Each activity will be evaluated by acommittee consisting of minimum of two Faculty Members.
- Each event should be claimed and reviewed by the Faculty Members who mentored and encouraged the students to participate.

S.No	Activity	Practice	Evaluation Criteria
1	Conferences	Student should present a an Article in the National I International Conference either in Online/Offline Mode	Presentation     Certificate: 3     Marks     Viva voce by     Committee: 2     Marks
2	Certifications	Student should complete at least one     Certification     Course offered by Massive Open Online Courses     (MOOCs)	5 marks for one Certification Course
3	Workshops	Student should attend at least one Workshop conducted by the Department or Other institutions.	Participation     Certificate: 3     Marks     Viva voce by     Committee: 2     Marks
4	Student Contests	Student should participate in at least one Technical Event in any Inter Colleges State f National I International Symposium.	Participation: 3     Marks     First / Second /     Third Prizes: 2     Marks
5	Research Article	Research Paper Publication in National / International Journals with ISSN Number	5 Marks
6	Book Chapter	Publishing a Chapter in a Book with ISBN Number	5 Marks

7	Development of Application / Prototype	Student should develop an Computer Application or A Prototype	Marks     Viva voce by     Committee
8	Field Visit	Student should visit any So/rw'ore Industry/ Training Institutions and required to submit report on the visit.	Field Visit: 2 Marks Interaction with Executives of Industry: 1 Mark (On submission of Details of Executive) Report: 2 Marks
9	Real Time Applications	The applications must provide solutions to Social $f$ Organizational challenges.	5 Marks     Evaluated by     Faculty/Commit     tee
11	Group Discussion	Relevance: I Mark Emotional Balance: I Mark Attitude: I Mark Listening Skills: I Mark Leadership: 1Mark	5 Marks  • Evaluated by Faculty/Commit tee
12	Small Group Project	A Project should be Developed by a Group of Students (Group size is limit to Three Members)	5 Marks     Evaluated by     Faculty/Commit     tee
13	Learning Dairy	Students should write a Diary on Technical Updates  Student has to update the Learning Diary Daily.  Faculty/Committee must review the Learning Dairy Weekly.	Marks     Evaluated by     Faculty/Commit     tee
14	Literature Review	<ul> <li>Student should review Literature on selected theme, and required to prepare a small report by specifying the gaps in the Research Area.</li> </ul>	Marks     Evaluated by     Faculty/Commit tee
15	Scrap Book	Students should prepare a technical Scrap Book by specifying Concept, Ideas and any Models leading a Possible Solution.	5 Marks     Evaluated by     Faculty/Commit     tee
16	Entrepreneurshi p Developmen t /Startup	Student should propose and present an idea on Business Model / Application Development	5 Marks     Evaluated by     Faculty/Commit     tee
17	Internship	Student should submit report on Internship after successful completion of Internship.	5 Marks Evaluated by Faculty/Committee
18	Part time job related to Subject	Student should submit proof regarding the part-time job.  Student has to submit a report of knowledge gained frompart-time job and how the job experience improves the understanding of Subject.	5 Marks Evaluated by Faculty/Committee

### **Examination Policy**

### Link

https://pbsiddhartha.ac.in/pdf/Examination\_Policy.pdf

### Regulations of UG & PG

Link

https://pbsiddhartha.ac.in/Regulations.html