

**GONDWANA UNIVERSITY GADCHIROLI**

**FACULTY OF SCIENCE**

**DIRECTION NO. 109**

**DIRECTION RELATING TO THE EXAMINATION LEADING TO  
THE POST GRADUATE DIPLOMA IN COMPUTER SCIENCE AND APPLICATION (PGDCS & A)  
CREDIT GRADE SYSTEM**

**(Issued under Section 14(8) of the Maharashtra Universities Act, 1994)**

WHEREAS, Maharashtra Universities Act, 1994 (Hereinafter referred to as Act) has come into force from 22<sup>nd</sup> July, 1994 and was amended from time to time,

AND

WHEREAS, the University Grants Commission, New Delhi vide letter No.D.O.No.F-2/2008/ (XI Plan), dated 31 January 2008 regarding new initiatives under the XI Plan – Academic reforms in the University has suggested for improving quality of higher education and to initiate the academic reform at the earliest,

AND

WHEREAS, the Board of Studies in all the Science subjects in their meeting held during 23.04.12 prepared the syllabi and scheme of the examination for the Post Graduate Diploma in Computer Science And Application course and recommended for starting of the credit grade semester pattern in Faculty of Science from the academic session 2012-13,

AND

Whereas, in the faculty of science in its meeting held on 02.05.12 considered and approves the recommendation of board of studies regarding the syllabi and the scheme of examination passed by the respective board of studies for the award for Post Graduate Diploma in Computer Science And Application in the Faculty of Science.

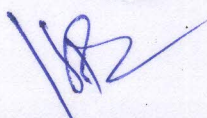
AND

WHEREAS, the Dean, Faculty of Science has consented to the syllabi and the scheme of examination for the award of Post Graduate Diploma in Computer Science And Application in the faculty Science,

AND

WHEREAS, the Academic council in its meeting held on 09.05.12 considered and approved the recommendations of Faculty of Science for introducing credit based semester pattern for award of Post Graduate Diploma in Computer Science and Application in the Faculty of Science.

AND



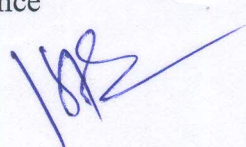


WHEREAS, ordinance making is a time consuming process, therefore, I, Dr. V.S. Ainchwar, Vice Chancellor Gondwana University, Gadchiroli in exercise of powers conferred upon me under Section 14(8) of the Maharashtra University Act, 1994 do hereby issue the following Direction.

1. This Direction may be called "Direction relating to examinations leading to the **Post Graduate Diploma in Computer Science and Application**. In the Faculty of Science (Credit Grade Pattern).
2. The direction shall come into force from the date of its issue by Hon'ble Vice Chancellor and shall remain in force till the relevant ordinance comes into being in accordance with the provisions of the Act.
3. The duration of the course shall be of one academic year. At the end of academic year there shall be university examination.
4. The examination shall be held at such places and such dates as may be appointed by the university.
5. Subject to their compliance with the provisions of this Direction and of other directions/ordinances in force from time to time, the candidate who has prosecuted a regular course of study for not less than one academic year prior to the examination shall be eligible for admission to the examination.
6. Post Graduate Diploma in Computer Science and Application is of One year course with bi-annual examination pattern. Additional /supplementary examination shall be conducted parallel to the other semester end examination.
7. **Eligibility:** - A student passed B.Sc with Mathematics or Computer as one Subject or Bachelor of Computer application (BCA) or B.Sc (IT) can enroll for this course.
8. There will be 5 theory papers and two practical papers and one Project.
9. The fees for the examination, tuition, laboratory and other fees shall be as prescribed by the university from time to time.
10. a) The scope of the subjects shall be as prescribed in the syllabus.  
b) The medium of instruction and examination shall be English.
11. The number of papers and the maximum marks assigned to each paper and minimum marks/grade an examinee must obtain, in order to pass examination shall be as prescribed in **Appendix A**, appended with this direction.

**12. Scheme and Passing Criteria**

- 1) Min. Passing marks is 40% separately in Theory, Internal Assessment, Practical and Project. Student must pass separately in Practical and Project by scoring min. marks in Internal and External.
- 2) Each theory paper is consisting of 80 marks and min. passing marks in Theory paper is 32.
- 3) Min. passing marks in Practical examination is 20 (10 +10) out of 50 (25+25) Marks.
- 4) Min. passing marks in Project examination is 40 (20 + 20) out of 100 (50+50) Marks.
- 5) Min. passing marks in Internal Assessment is 08 out of 20 marks.
- 6) Internal Assessment marks comprise of at least 4 activities of the following,
  - a. Home Assignment
  - b. Class Test Examination Performance
  - c. Seminar
  - d. Case Studies
  - e. Group Discussion





- f. Field Work
- g. Study Tour
- h. Paper Presentation
- i. Book Review
- j. Involvement in Departmental and College Activities

### 13. Practical & Project Examination Scheme

- i) **Time:** Minimum 2 Hours 30 Min. for conducting the practical examination subject to condition number of computers and printers available at the center i.e. if ratio of student and number of computer are same.
- a. If there are less number of computer (50%) than total Enroll students for practical examination then additional 2 hours
  - b. If there is less number of computer (25%) than total Enroll students for practical examination then additional 4 hours.

#### ii) Practical Examination Evaluation Scheme

1) One question to Write and Execute for Taking Printout of Program	20 Marks
2) One question to Write Program or from Practical Index	10 Marks
3) Record	10 Marks
4) Viva	<u>10 Marks</u>

#### 50 Marks

iii) **Project:** Head/Co-ordinator of Computer Dept. must reject any title which is already carried out in any course in the college. It must maintain a Record that lists the projects along with other detail (like Project Title, Guide, Session, Platform and Number of students working on project) that was carried out so far and must be shown to external examiner at the time of examination. *If any project found duplicate of nature then it will consider as copy and action will taken against Head/Co-ordinator. In case of Non approved lecture action will be taken against Principal of college.*

#### Classification of Marks on Project

Report, Documentation and Project Execution	70 Marks
Viva voce	30 Marks

#### Total Marks

100 Marks

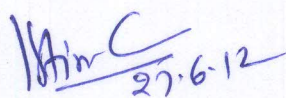
14. The classification of the examinee successful at the final examination shall be as per the rules and regulations of credit grade pattern as prescribed in **Appendix B**, appended with this direction.
15. The names of the successful examinee passing the examination as a whole in the minimum prescribed period and obtaining prescribed number of places securing the grades equivalent to first and second division shall be arranged in order of merits as provided in ordinance 6 relating to examination in general.
16. No candidate shall be admitted to an examination under this direction, if he/she has already passed the same examination of this university or of any other university.



17. Examinee successful at the final examination shall on payment of the prescribed fees, will be entitled for the award of the degree in the prescribed form signed by the Vice Chancellor.
18. This course is based on credit grade semester pattern and therefore, it will be also regulated by guidelines and regulations given in **appendices (A & B)** which are part of the direction.

I, further direct that the aforesaid Direction shall come into force from the date of issuance and shall remain in force till the relevant Ordinance comes into being in accordance with the provisions of the Maharashtra Universities Act, 1994 or is repealed by an issuance of another Direction.

Place: Gadchiroli  
Date:

  
27.6.12  
Dr. V.S. Ainchwar  
Vice Chancellor

**PGDCS&A**

Sr. No	Paper Code	Papers/Practicals	C R E D I T	Teaching Scheme per week (hrs.)			Examination Scheme			
				Th	Pr	Total	Max. Marks		Total Marks	Minimum Passing
							External Marks (T) / (E)	Internal Marks (I)		
1	PGDCSA1	Information Communication Technology	4	4	-	4	80	20	100	32 (T) 08 (I)
2	PGDCSA2	E-Commerce and Web Designing	4	4	-	4	80	20	100	32 (T) 08 (I)
3	PGDCSA3	System Analysis and Design	4	4	-	4	80	20	100	32 (T) 08 (I)
4	PGDCSA4	Data Structures and File System	4	4	-	4	80	20	100	32 (T) 08 (I)
5	PGDCSA5	Event Driven Programming with Visual Basic	4	4	-	4	80	20	100	32 (T) 08 (I)
6	PGDCSA6	Practical-I based on Theory Paper-1,2with IT Lab (Ms-Office)	3	-	6	6	25	25	50	10 + 10 = 20 (E) + (I)
7	PGDCSA7	Practical-II based on Theory Paper-4 and 5	3	-	6	6	25	25	50	10 + 10 = 20 (E) + (I)
8	PGDCSA8	Project	2	-	4	4	50	50	100	20 + 20 = 40 (E) + (I)
Total			28	20	12	36	500	200	700	280

- **Internal Theory Paper Marks:** It includes Seminar, Assignment, Unit Test, Book Reviews etc