

ORDINANCE NO. 47

P.G. DIPLOMA IN INSTRUMENTATION AND COMMERCIAL
METHODS OF INDUSTRIAL ANALYSIS

The course for the P.G. Diploma will be divided into two semesters covering one academic session only. Each semester normally comprise 90 (ninety) working days.

Eligibility :

- (a) M.Sc. Chemistry/Applied Chemistry/Chemical Technology/Agriculture Chemistry/Environmental Chemistry.
- (b) Chemistry as one of the subjects in B.Sc. or B.Sc. Chemical Technology.

Minimum percentage required is 50% in B.Sc./M.Sc.(Chemistry) of Jiwaji University or any other University/Deemed University/Institute recognised by the University.

Admission to the course will be made strictly on the basis of merit. The merit will be decided by the admission committee either on the basis of aptitude test/group discussion and interview or percentage of marks obtained in the qualifying examination. However, details will be finalised by the department and approval of Vice-Chancellor will be taken and will be given in the prospectus.

English is the only medium of instruction and examination for this course.

In order to organise extra curricular activities, the students of the course will have a chemical society.

The department will have a placement cell.

The department will have an Alumni Association in order to have interaction with those who have graduated from this department.

Examination fee, admission fee and other fee will be in accordance with the decisions of the department/University for the said course from time to time.

A student of this programme will not be permitted to take up any other course simultaneously. However, restriction shall not be applicable to the students of language, certificate course, computer classes or remedial classes.

Scheme of Examination

(a) The examination of first semester shall consist of four (04) theory papers of 100 marks each, out of which 70 marks shall be for university examination and 30 marks for internal assessment. Two tests of 15 marks each and one make up test for each course will be held on the dates specified by the head/Coordinator of the department/School of Studies. The marks of the tests will be counted as the award for internal assessment. Tutorials, practical tests, reports etc. may also be taken into account for internal assessment.

In first semester there will also be two practicals courses of 100 marks each, out of which 70 marks shall be for university examination and 30 marks for internal assessment.

The second semester will consist of four theory papers of 100 marks each, out of which 70 marks shall be for university examination and 30 marks for internal assessment.

(b) Second semester will also consist of four weeks industrial training. The candidate will submit a project report followed by evaluation and viva. The total marks for the project report and viva is 200. Out of 200 marks, the training and report will comprise 150 marks and viva of 50

marks. An external examiner from University/Industry/Institute will be called to evaluate and conduct the viva.

Semester :

Four theory papers of 100 marks each.
The break-up of each paper (100 marks).

Theory	= 70	<u>Aggregate Pass Marks</u> 40%
Internal Assessment	= 30	

Two practical courses of 100 marks each.
The break up of each course (100 marks)

Theory	= 70	40%
Internal Assessment	= 30	

Semester

Four theory papers of 100 marks each.
The break-up of each course (100 marks)

		<u>Aggregate Pass Marks</u>
Theory	= 70	40%
Internal Assessment	= 30	
Industrial Training and Project Report	= 150	40%
Viva	= 50	

(c) A candidate failing in to a maximum of any one paper of first semester ~~is allowed~~ ^{is allowed} to continue in the second semester. In the second semester the candidate has to appear in that paper of first semester (in which he/she has failed).

The candidate who has cleared all the papers of first semester but failed in one paper of second semester can appear in the paper as an ex-student student in the next semester.

If a candidate fails in more than one paper he/she will be allowed to appear as an ex-student in the whole examination of that semester in which he/she thus failed. Such candidate (if passed in that examination) will be entitled for admission as a regular student in the next semester, if any.

For such additional attempts the university shall charge additional examination fee as notified by the university time to time.

(d) No candidate shall be allowed more than two attempts (including the original attempt) in a particular semester. If that candidate does not succeed in two attempts too, he/she will have to leave that course.

(e) The result of the first semester shall be declared as pass/fail. The final result for the diploma will be declared after the second semester. The total of all the marks secured by the candidates will be counted and division shall be awarded on the basis of the marks secured as follows :

First division	:	60% or above mark	in aggregate
Second division	:	Less than 60% but 48% or more	in aggregate
Third division	:	Less than 48% but 40% or more	in aggregate.