

VIKRAM UNIVERSITY, UJJAIN.

ORDINANCE NO.27-A.

Ordinance for the degree of Master of Science(Technology)
APP. Geology (Mineral Exploration)

1. The ordinance comes into force with immediate effect.
2. The Degree of Master of Science(Technology) shall be abbreviated as M.Sc. (Tech.). Applied Geology in Mineral Exploration herein will be called M.Sc.(Tech.).
3.
 - (a) A candidate will be eligible for admission to the M.Sc.(Tech.) course if he/she holds a Master's Degree of this University or any other University recognised as equivalent there to with atleast a high second division(above 55%) or with grade B in the seven point scale.
 - (b) A candidate may be admitted to M.Sc.(Tech.). course in the subject which he studied for his Master's Degree.
4.
 - (a) An application for admission to the M.Sc.(Tech.). course shall be made on the prescribed form to the concerned Head of the teaching department on payment of the prescribed fee by July 15th every year.
 - (b) Admission to the course shall be made subject to the approval of the Head of the Teaching Department.
5. The duration of the M.Sc.(Tech.) course shall be one academic year normally starting from 1st August every year. Examination will be held usually in the month of March-April each year.
6. The M.Sc.(Tech.) Examination shall consist of the following :-

	Marks
(1) Four theory papers of 100 marks each -	400
(2) Two practicals based on the theory papers -	200
(3) Dissertation or project work scripts ...	200
viva-voce ...	50
(4) Seminar (Two) ...	50
(5) Field work (Report)...	50

7. Dissertation/project work :

The subject of project work/dissertation will be allotted to the candidate by the Head of the Department at the beginning of the academic session. A candidate will be required to submit three typed bound copies of dissertation by the end of the academic session. The dissertation/project work shall be valued

individually by internal and external examiners out of 100 marks each and the total marks will be allotted to the candidate.

The supervisor shall be Internal Examiner. The viva-voce on the dissertation/project work shall be conducted by the committee consisting of the External Examiner, Internal Examiner and the Head of the Department concerned who will act as a Co-ordinator. A joint report and marks shall be submitted.

8. The candidate will be required to deliver two seminars during the period of the course related to the theory and project/dissertation work. The evaluation of the seminar will be done internally by the supervisor and atleast two teachers connected with the course. The average awarded marks shall be submitted by the Head of the Department.
9. Field Work :
There will be a compulsory field training programme of four to six week's duration. Every candidate will be required to submit a field-work report for valuation. The valuation will be based on actual field work and the report. Marks will be submitted by the teachers-in-charge of the field training programme to the Head of the Department.
10. In order to pass the M.Sc.(Tech.) Examination the candidate will be required to pass separately in theory papers, practicals, project-work/dissertation including viya-voce seminar and field work. A minimum of 40% in aggregate of theory, practicals, project-work/dissertation, seminar and field-work will be required, provided his total aggregate marks are 50%.
11. On the basis of the aggregate marks obtained by the pass candidate the division will be awarded as follows :-
Marks aggregate 60% and above - Ist Division
Marks aggregate between 50 to less than 60% - IInd Division
12. The names of first five successful candidates who obtained first division shall be declared in order of merit.
13. A failed candidate may be allowed to appear as an ex-student in papers, practicals, dissertation/project-work, seminar and field work. This facility will however be granted only once provided it is taken within one year.
14. A candidate for M.Sc.(Tech.) degree shall not be permitted to join any other course of studies or to appear at any other examination conducted by the University or any other body except a language diploma/certificate course organised by the University.
15. On publication of the whole or part of the M.Sc.(Tech.) dissertation/project-work, it may be indicated in the published work that it has been accepted for the M.Sc.(Tech.) degree.

16. Rates of examination payable to the examiners of M.Sc. (Tech.) examination shall be as prescribed in the General Examination Ordinance for M.Phil. examination.
17. An M.Sc.(Tech.) candidate shall be required to pay the following fees* for the one academic session :-

(i)	Tuition Fee	Rs. 240.00
(ii)	Laboratory Fee	Rs. 144.00
(iii)	Composition Fee	Rs. 024.00
(iv)	Games Fee (University)	Rs. 3.00
(v)	Student Aid Fund	Rs. 5.00
(vi)	Identity card	Rs. 1.00
(vii)	Accident Fee	Rs. 2.00
(viii)	Laboratory Caution Money	Rs. 100.00
(ix)	Library caution money	Rs. 50.00
(x)	University Union	Rs. 00.50
Total		Rs. 569.50

Tuition and Laboratory fee payable in four equal instalments.

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|--------|--|------------|
| (xi) | M.Sc.(Tech.) Examination Fee | Rs. 180.00 |
| (xii) | Marks sheet Fee | Rs. 8.00 |
| (xiii) | such other fees and deposits as may be prescribed by the University from time to time. | |

18. In matters of admission, enrolment, attendance, freeship, examination and in all other matters not provided for by the ordinance, the M.Sc.(Tech.) examination will be governed by the general provisions of the relevant ordinances save in so far as they are inconsistent with the explicit provisions of this ordinance.
19. The details for admission, examinations and other matters where necessary, may be prescribed by regulation framed under the ordinance.

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ORDINANCE NO. 27 (B)
[UNDER SECTION 37(II) to (V)]

ORDINANCE FOR MASTER OF BUSINESS ADMINISTRATION

(M.B.A. DEGREE)

1. The Degree shall be known as Master of Business administration (M.B.A.)

2. The course can be conducted on full time or part time basis. The duration of the full time course shall extend over two years. It shall be of three years duration if the course is conducted on Part time basis.

* Part time programme will be on modular basis. If a candidate completes two/four semesters, he will be awarded Diploma in Management/Advanced Diploma in Management. Degree will be awarded on completion of all six semesters.

* (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).

3. Students admitted to M.B.A. degree shall not be allowed to join any other course of study or appear in any other examination.

4. (i) Every candidate seeking admission to this Master's degree course shall have passed a Bachelor's/Master's degree examination atleast in second division (50% Marks) in any discipline including Arts, Science, Commerce, Agriculture, Social Science, Technology, Life Science, Medical Science, C.A., ICWA, ICS etc. of any Indian or Foreign University recognised for this purpose.

For the purpose of computation of aggregate percentage of marks, marks awarded by the University/Institute concerned for all years/parts of the degree course will be taken into consideration.

(ii) Admission to this course shall be through multistep selection process consisting of :-

(a) Written Entrance test in English Language, Mathematics, General Knowledge etc.

300 marks

(b) Group Discussion

25 marks

(c) Personal Interview

25 marks

Note : The language for Written Entrance Test, Group Discussion and Personal Interview shall be English.

(iii) A Preliminary merit list will be prepared on the basis of the marks obtained in the Written Entrance Test and candidates only equal to the double the number of seats available will be called for Group Discussion and Personal Interview.

- (a) Minimum qualifying marks in the Written Entrance Test shall be 35% in aggregate. Relaxations will be given to SC/ST candidate as per the guidelines of the Govt. of India. This condition shall not be applicable for 3 years part-time M.B.A. course.
- (b) Applicants holding qualifying degree from Vikram University Ujjain and having qualified as per sec.4(iii)(a) above shall be given weightage to 10 marks in the written entrance test score.
- ~~(iv) The final merit list will be prepared on the basis of the total marks obtained in the Written Entrance Test, Group Discussion and Personal Interview. Candidates shall be admitted from this final merit list strictly according to the merit. List of the candidates admitted will be put up on the notice board of the Institute.~~
- * Provisions in Sec.4 clause(i) clause(ii), clause (iii) (a) and clause (iv) will still be in force from the session July 1996 and onwards, if they are not inconsistent with the decision of MPMJET or other appropriate bodies to be decided by the university from time to time.
- * (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).
- * 5(i) The intake to 2 year full time MBA degree course shall be ¹²⁰60 seats. There will be 30 seats for 3 year part time MBA degree course. All other things will be decided by the MPMJET or other appropriate bodies as decided by the University.
- * (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).
- 5(ii) Applications of candidates claiming admissions under "Foreign students category" shall be entertained only if they are properly routed through the concerned ministries of the Govt. of India.
- * 5(iii) Reservations for candidates SCs, STs and OBC category for MF quota will be done as per state government rules. For Non MF students, the reservation rules of Central Government will be in force.
- * (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).
- 5(iv) There shall be no reservation of seats for sponsored candidates.
6. The Degree programme shall consist of :-
- Such courses (papers) as may be prescribed by the University from time to time.
 - Such inplant-training as may be prescribed by the Institute.
 - Such factory visits as may be prescribed by the Institute.
7. The medium of instructions and examination shall be English.

There shall be written University examination at the end of each academic session or semester in all the courses prescribed for that year or semester. But where the scheme of Examination provides for a course on Project-Report, each student shall prepare a project-report on a subject approved by the Director/Head of the Department under the supervision of an approved faculty member and submit it atleast a fortnight before the beginning of the University Examination of the Degree programme.

- (b) Each student shall have appear in the written University examination ~~and internal assessment/s.~~ Internal assessment will be held in the manner prescribed from time to time in each paper by the Director of the Institute. Each paper in the Written University Examination will be of three hours duration.

Each course (paper) will be of 100 marks and the distribution of marks shall be as under-university examination 70 marks and internal assessment 30 marks. But in the paper on Project-Report marks will be given out of 100 to be shared equally between external and internal examiner.

- (c) For passing the examination, the candidate shall be required to secure atleast 36% marks in each of the prescribed courses and an aggregate of 48% marks. (It means that he must secure minimum 36% marks in each course in Written University examination and 36% marks in each course in internal assessment separately and a total of 48% marks.)

- (d) There shall be (no) supplementary or second examination for failures. A failure does not retain his seat next year. He will have to apply for admission a fresh.

Provided that if a candidate (after passing in internal assessment and submitting the Project-Report and having fulfilled attendance requirements fails to appear in the semester/annual Examination due to sickness or any other unavoidable reason, he can appear in the semester/annual examination next year.

- * Provided, further, that if a candidate after passing in internal assessment in all papers fails in any two papers in any one semester or annual examination but secures atleast 48% marks in aggregate in the papers cleared of that examination, he will be allowed to keep the term (ATKT) and promoted to the next semester/examination course. Such candidate shall be eligible to take examination of that one/two papers in which he has failed alongwith the examination of the semester/annual examination concerned. He shall be eligible to carry the backlog of two papers of each semester or annual examination but in no case he shall be permitted to carry back-log of more than four papers at a time.

* (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).

There will be no ATKT in case of internal assessment.

Provided, further, that if a candidate fails in more than two papers in any semester or annual examination but has passed in internal assessment of all papers of that examination, he may be allowed next year to appear as an ex-student examination of the semester or annual examination in which he has failed.

(e) No candidate shall be allowed to take the Annual University Examination unless he has:-

- (i) Attended at least 75% of lectures delivered,
- (ii) Paid all the fee due,
- (iii) Obtained 'NO DUES' Certificate from the library and Institute,
- (iv) Obtained no dues certificate as specified by the university.
- (v) Submitted the Project-Report, as required, atleast a fortnight before the beginning of the University Examination,
- (vi) Received 'Inplant training' as prescribed by the Director/Head,
- (vii) Cleared all the dues of the host institution where inplant training has been received by him.

(f) Candidates shall be awarded division after their having duly passed in internal assessment and annual examination as follows :-

First Division - 60% or more of the total marks
 Second Division - 48% or more but less than 60% of the total marks

Obtained in University Examination and internal assessment together.

(There shall be no pass or third division.)

* (ff) The merit list will be declared separately for MBA Full Time & MBA Part Time programmes amongst those candidates who have passed all the semester examinations in one attempt. The merit list will not include the names of more than five candidates.

* (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).

* (fff) The Kulpati may award one grace mark in case the candidate is failing by one mark or missing a division by one mark. Where the deficiency is so condoned one mark shall no where be added.

* (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).

* (a) MBA Full Time students are required to complete their course within a period of four academic years. In case of MBA Parttime students, students are required to complete their course within a period of five academic years.

* (University Co-ordination Committee - Fifty Fourth meeting 20th June '96).

9. Rate of remuneration payable to the examiners of Degree course and Entrance Test shall be as prescribed by the University from time to time.

10. There is no provision for private candidate for this course.

11. Each student shall pay annually the fee :

ANNUAL FEE ON UNIVERSITY ACCOUNT :-

- (a) Tuition Fee
- (b) Student Welfare/Sport Fee
- (c) Semester Examination Fee including exam. forms

ANNUAL FEE ON DEPARTMENT ACCOUNT :- (not Refundable)

- (a) For prospectus & Application form
- (b) Entrance Test fee
- (c) Composition
- (d) Identity Card
- (e) Library Fee
- (f) Semester Fee
- (g) Admission Fee
- (h) Development Fee

ANNUAL REFUNDABLE AMOUNT :-

- (a) Library Deposit (Jiwaji Library)
- (b) Reference Library (Department)

The above fee shall be paid in such manner as may be prescribed by the University and is subject to revision from time to time.

12. In matters of admission, attendance, examinations and in all other matters not provided for in this ordinance, the degree course shall be governed by the general provisions of the relevant Ordinance of the university, save in so far as they are not inconsistent with the provisions of this Ordinance.

ORDINANCE NO.29
Under Section 37 (1 to V)

Ordinance for Diplomas in Museology, Tourism and Archaeology

In the courses of Museology and Tourism, the minimum qualification for admission will be the Bachelor's degree either of this University or any other University recognised as equivalent thereto.

The minimum qualifications for admission in Diploma in Archaeology will be Second Division Master's Degree in Indian History - Archaeology / Sanskrit / Parsian / Prakrit / Pali / Arabic / Anthropology and Geology of a recognised University. Qualifications are relaxable in the case of candidate who are already in Archaeological service.

There will be 10 seats for the course of Diploma in Museology, 15 seats for Diploma in Tourism and 10 seats for Diploma in Archaeology.

The admission will be finalised on the basis of merit and performance of interview by the Departmental Committee of teachers appointed by the Head of the Department. The Head of the Department will be the Chairman of the Committee.

2 Duration -

The duration of these courses will be of one Academic year.

3 Papers : Diploma in Museology

paper	I Indian Archaeology	100 Marks
paper	II Art & Architecture	100 Marks
paper	III Palaeography Epigraphy & Numismatics	100 Marks
paper	IV Museum Technique, Conservation & Antiquarian Laws	100 Marks
paper	V History of Museum Organisation	100 Marks
paper	VI Practical & Viva-Voce	100 Marks

Diploma in Tourism

paper	I Introduction to Tourism	100 Marks
paper	II A Survey of Indian History & Culture	100 Marks
paper	III India as a Tourist Destination	100 Marks
paper	IV Tourism Planning and Organisation	100 Marks
paper	V Project, Tour Report and Viva-Voce	100 Marks

Diploma in Archaeology

paper	I Indian Archaeology	100 Marks
paper	II Art & Architecture	100 Marks
paper	III Palaeography, Epigraphy & Numismatics	100 Marks
paper	IV Museum Technique, Conservation and Antiquarian Laws	100 Marks
paper	V Exploration & Excavation	100 Marks
paper	VI Practical, Viva-Voce & Report	100 Marks

Students (i) obtaining in the aggregate less than 48 percent of maximum marks in the examination and (ii) obtaining less than 36 percent marks in any of the written papers or in practical tests will not qualify for Diploma. Candidates shall be awarded divisions in the Annual Examination as follows -

- I Division - 60% or more of the total marks
 II Division - 48% or more but less than 60%

Students qualifying for these diplomas will be awarded a Post-graduate Diploma in the respective courses of Museology /Tourism / Archaeology.

There shall be no supplementary or second examination for failures. A failure does not retain his seat for the next session. However if any candidate fails to appear at the Annual Examination owing to sickness or any unavoidable reason, he can appear at the next Annual Examination.

Fees -

(A) Annual fee on University account -

- | | | |
|-------|------------------|-----------|
| (i) | Tuition Fee | Rs. 300/- |
| (ii) | Students Welfare | Rs. 5/- |
| (iii) | Sport, Fee | Rs. 6/- |
| (vi) | Examination Fee | Rs. 90/- |

(B) Annual Fee in Departmental Account -

- | | | |
|-------|--|-----------|
| (i) | Prospects & Application Form | Rs. 10/- |
| (ii) | Identity Card | Rs. 5/- |
| (iii) | Admission Fee | Rs. 5/- |
| (iv) | Composition Fee | Rs. 24/- |
| (v) | Study Material Fee for Diploma in Archaeology & Museumology. | Rs. 100/- |

(C) Annual Refundable Amount -

- | | | |
|------|------------------------------|-----------|
| (i) | Library Deposit | Rs. 100/- |
| (ii) | Departmental Library Deposit | Rs. 100/- |

PAPER V

Project, Tour Report & Viva-Voce

- | | Marks |
|--|-------|
| (a) Tour Report conducted : A report of the tour | 25 |
| (b) Project : On subjects related to Tourism in India in general and M.P. in particular. | 25 |
| (c) Test of ability to converse and convince through verbal expositions the papers taught. | 25 |
| (d) Viva-Voce | 25 |

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REVISED UNIFIED ORDINANCE NO.30 FOR ENGINEERING FACULTY

(APPROVED BY COORDINATION COMMITTEE AT ITS MEETING NO.5
HELD ON 23.5.1995)

Ordinance relating to the admissions and examinations for
'FOUR YEAR DEGREE COURSE' FOR THE degree of Bachelor of
Engineering in Civil, Electrical, Mechanical, Mining, Metallurgy,
Electronics, Chemical Engineering etc.

1. The first degree in engineering consisting of four years (Eight Semesters) course will be designated as Bachelor of Engineering (B.E.) in Civil, Electrical, Mechanical, Mining, Metallurgy, Electronics, Chemical Engineering etc.
2. Admission of students to the College under the faculty of Engineering will be governed by the following regulations.
 - 2.1 The minimum qualification for admission to first semester shall be the passing of Intermediate science or 10+2 examination or any other equivalent examination with Physics, Chemistry, Mathematics and English conducted by the M.P. Board of Secondary Education or any other Board or University examination recognised as equivalent by the State Govt. of Madhya Pradesh.
 - 2.2 The candidates who have passed Diploma Examination from M.P. Technical Board in appropriate branches of Engineering will be eligible for admission to the first semester of four years degree course.
 - 2.3 The candidate who have passed Diploma examination in first division from M.P. Technical Board in appropriate branches of engineering will be eligible for admission to the Third semester (second year) of four years degree course.
 - 2.4 The eligible candidate as specified in above rules 2.1, 2.2 and 2.3 will be required to secure a place in the merit list prepared by V.P.P. Mandal, Bhopal for admission to Engineering Colleges.

Provided further that admission against reserved quota from other states, if any, to be filled by nomination by the State Government may be made in accordance with the rules framed by state govt. in this regard from time to time.
3. The course offered by the engineering faculty will be suitably divided in eight groups corresponding to eight semesters.
 - 3.1 There shall be five theory subjects and four practicals (Laboratories) in each of the first six semesters. The total marks in each semester shall be as follows :

Theory papers	5 Nos., 100 Marks each	500 Marks
Class Work	25 Marks each	125 Marks
Sessional Work		125 Marks
Practical Examination	4 Nos.	250 Marks
		1000 Marks

- 3.2 There shall be in all four theory subjects and four practicals in Seventh and Eight semesters each, including one optional theory paper to be opted from a group of courses.

A Major Engineering Project shall be offered in seventh semester and shall be completed in eight semester. The total marks in each (seventh and eight) semester shall be as follows :

VII SEMESTER :

Theory Papers	4 Nos., 100 marks each	400 Marks
Class-Work	25 marks each	100 Marks
Sessionals		200 Marks
Practicals	4 Nos.	200 Marks
Project Seminar	1 No.	100 Marks
		1000 Marks

VIII SEMESTER :

Theory	4 Nos. 100 marks each	400 Marks
Class Work	25 marks each	100 Marks
Sessionals		200 Marks
Practicals	4 Nos.	200 Marks
Project Practical Exam.	1 No.	100 Marks
		1000 Marks

- 3.3 There shall be at least 14 weeks teaching in each semester. There shall be semester break between the semesters.

- 3.4 The teaching schedule in each semester shall be as follows :

No. of periods for theory per week per paper	:4
No. of periods for all practicals per week	:16
No. of periods for projects per week	:4

4. A candidate admitted to engineering course is required to fulfill the following sub rules before he is admitted to any semester examination.

- 4.1 No candidate shall be admitted for any university examination unless he produces satisfactory testimonials, from head of the department, of having attended at least 75% classes in each :

- (a) Lecture delivered
- (b) Laboratory practicals.

Provided that for sufficient reasons a shortage of attendance not exceeding 15% of the total number of lectures delivered or practical classes held in each subject may be condoned as below :

- (a) A shortage upto 5% may be condoned by the principal ~~the college concerned for sufficient valid reasons,~~
- (b) A further shortage upto 10% may be condoned by the Vice-Chancellor on the specific recommendation of the principal of the college concerned.

4.2 A candidate shall have to pass in all the sessionals of a semester separately. The complete statement of sessional marks of each semester shall be forwarded by the Teacher/Principal to the university before the commencement of the semester examination.

4.3 A candidate who fails in any sessional work, will seek fresh admission in the semester whenever it is available.

5. There shall be one university examination at the end of each semester. There examination will be designated as follows:

- 5.1 (a) During first year
First semester B.E., Second Semester B.E.
- (b) During Second Year,
Third Semester B.E., Fourth Semester B.E.
- (c) During Third Year
Fifth Semester B.E., Sixth Semester B.E.
- (d) During Fourth Year
Seventh Semester B.E., Eight Semester B.E.

5.2 The semester examination will generally be held in Nov-Dec and April-May in each year.

5.3 There will be a full examination at the end of each semester consisting of the theory papers and the laboratory practicals of both the semesters of each year. The duration of examination period normally should not exceed 20 working days.

5.4 There will be no supplementary examination.

6. A candidate is said to have passed a semester examination if he has secured :

- (a) 35% marks in each theory paper.
- (b) 50% marks in each practical/viva-voce/project seminar/project practical examination.
- (c) 60% marks in each sessional work/class work/laboratory work.

6.1 There shall not be any award of division from first to 7th semester examinations. The division will be awarded only at the end of eight semester with the following regulations :

(a) If a candidate has passed all the eight semesters, the grand total of marks shall be computed as follows :

First year	2000 Marks	10%	=	200 Marks
Second year	2000 Marks	20%	=	400 Marks
Third year	2000 Marks	30%	=	600 Marks
Fourth year	2000 Marks	100%	=	2000 Marks
Grand Total				3200 Marks

(b) A candidate obtaining 75% marks or above shall be placed in first division with distinction.

(c) A candidate obtaining 65% marks or above but less than 75% shall be awarded first division.

(d) A candidate obtaining less than 65% marks shall be awarded second division.

6.2 With a view to avoid an accidental failure in an examination the following shall be observed :

(a) A maximum of only five marks to the best advantage of candidate shall be awarded as grace marks in theory papers in each semester examination.

(b) After the grace marks so awarded shall not be added for the computation of the aggregate marks obtained in the semester.

(c) After condoning the above deficiency the result shall be declared in the division to which the candidate is entitle in accordance with the provisions of this ordinance.

6.3 The merit list will be declared seperately for different branches of studies from amongst those candidates who have passed all the eight semesters individually in single attempt and have secured more than 65% marks in the aggregate determined on the basis of regulations laid down in this ordinance.

Each such merit list will included the names of only Five candidates.

7. A candidate, who has been admitted in engineering course, will be promoted to the higher class in accordance with the following sub-rules.

7.1 A candidate who has appeared in the odd semester (AB Group) even semester (BA group) of any particular year will go to even semester (AB Group)/ odd semester (BA Group) of that year irrespective of failing in any number of theory or practicals of that semester.

Note : The candidate who seeks admission in odd semester of an academic year is said to be in A-B group while a candidate who seeks admission in an even semester of an academic year is said to be in B-A group.

- 7.2 A candidate will be promoted to the available semester of the next academic year provided he/she does not carry a back log of more than five theory or combination of five theory and practical (taken together) of the immediate previous year.
- 7.3 A candidate will not be permitted to appear in the examination which he has passed earlier.
- 7.4 A candidate, who has failed in more than five theory papers or a combination of more than five theory papers and practical (taken together), will become ex-student of the affiliated college.
- 7.5 A candidate should have no backlog of lower class i.e. a candidate will not be admitted to third year if he has failed in any subject (Theory or Practical) of the first year. Similarly he will not be admitted to Fourth Year, if he has failed in any subject (Theory or Practical) of second year.
- 7.6 Candidate failing in any examination may, subject to other provisions of this ordinance be readmitted to the examination in the failing subject in the subsequent semester without necessary prosecuting a further course of regular study in an affiliated college.
- 7.7 (a) No candidate will be awarded degree of Bachelor of Engineering (B.E.) unless he has passed all the semester examinations. If any previous semester paper/practical remains is a backlog to be classed by him/her the result will be withheld till he passes the backlog.
- (b) The candidates, offering seventh semester after eight semester (B-A group), will not be issued any mark-sheet or provisional certificate after eight semesters, until he has passed all the semester.
8. If a candidate after admission to First year fails to get promoted to second year within two academic years (after four consecutive examination) shall cease to be student of degree course in engineering.

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VIKRAM UNIVERSITY, UJJAIN.

ORDINANCE NO.31

Ordinance 31 regarding to the admission and examination of M.Sc. Applied Mathematics Two Years (Four Semester) Course.

- (i) The course of study for the Master of Science in Applied Mathematics shall be of Four semesters, extended over two academic sessions and shall consist of two parts.
- (a) The first part, extending over two semesters (One academic session) termed as first and second semesters shall be referred to as Previous Year, and
- (b) The second part, extending over next two semesters (one academic session) termed as third and fourth semesters, as the Final Year.
- (ii) Admission to this course, under the Faculty of Engineering, shall be governed by the following regulations.
- (a) Admissions in this course shall be made in the First semester of M.Sc. Previous only. Candidates seeking admission to this course should have passed -
- (i) B.Sc. examination of a recognised University in II Division with 50% marks in Mathematics, taken together of the last three examinations including final year of B.Sc. preference shall be given to those who offered Applied Mathematics/Statistics in addition to Mathematics in their B.Sc. examination.
- (ii) B.E./ B. Tech. degree examination of a recognised University with 50% marks in aggregate in theory papers only.
- (b) Selection committee consisting of 4 members including one from Engineering Departments with Head of the Deptt. of Applied Mathematics as chairman shall prepare a merit list of eligible candidates. Weightage of 5% additional marks shall be given to candidates, who offered App.Maths/Statistics in addition to Mathematics in their B.Sc. Examination. Admissions to the available number of seats shall be made from this list strictly in order of merit.
- (iii) There shall be University examination at the end of each semester. The examinations of First and Third semesters will be generally held in December and of Second and Fourth semesters in May, every year.

Candidates admitted to this course shall have to pass separately in each semester examination. He will, however, be permitted to carry over to the next semester the theory papers in which the candidate fails of the previous semester, during the same academic session only. Thus, every candidate will have to pass Fully the M.Sc. Previous examination before prosecuting his studies in the M.Sc. Final and he will be deemed to be qualified

for obtaining the M.Sc. degree after passing in full the M.Sc. Final examination. Admission to the final year of M.Sc. will be given only in the first semester of that year.

- (iv) The standard of passing in each semester examination will be as follows :-
- (a) 60% of the maximum marks in each of the sessional and class work.
 - (b) 36% of the maximum marks in each theory paper.
 - (c) 50% of the maximum marks for dissertation and viva-voce.
- (v) No division shall be assigned on the result of M.Sc. Previous examination. The marks obtained by a candidate in the Previous and Final year examination shall be counted together and should not be less than 50% for a place on the pass list of the M.Sc. degree examination. If this aggregate is 60% or more then the candidate will be placed in First division, other wise second division.
- (vi) The merit list will be declared separately amongst the candidates placed in the pass list of M.Sc. degree examination, the merit list will include first ten positions, determined on the basis of total marks obtained.
- (vii) Candidate failing in M.Sc. Previous or Final examination shall be governed by the following regulations -
- (a) Candidate failing in theory papers only of M.Sc. Previous year / Final year examination shall be readmitted in May examination in the subsequent year without necessarily prosecuting a further course of study in the institution.
 - (b) Candidates failing in sessionals and class work in a semester, shall have to seek readmission in that semester in the subsequent year.
 - (c) Candidates failing due to shortage of aggregate may reappear in any one or more theory papers in either semester of M.Sc. Final Year to make up the deficiency in the subsequent years.
- (viii) In the Fourth semester, every student will be assigned a supervisor (A faculty member) under whose guidance and supervision, he/she will analyse a few researchs papers on a particular topic and prepare a dissertation to the satisfactions of his/her supervisor, form topics of the dissertation duly certified by the supervisor and Head of the Deptt. have to be submitted by every student, out of which one copy will go to the external examiner another to supervisor, third to University and fourth to Departmental library.

Assessment of dissertation and viva-voce examination of each candidate will be done by a Board, consisting of external examiner, supervisor of the candidate and Head of the Deptt. as chairman. Assignment of supervisor to a candidate, topic of dissertation, research and other academic-activities of the Deptt. will be controlled by a departmental committee for post graduate studies headed by Head of the Department of App. Maths.

- (ix) Sessional and class list marks during each semester will be awarded by the teacher concerned on the basis of class work home assignments and attendance, to be counter signed by Head of the Deptt.
- (x) The sessional and class work marks shall be forwarded by the principal of the affiliated college one week before the commencement any semester examination to the University authorities.

* :- Supervisor for dissertation will be deemed to carry a work load of three periods/week for each student.

- (xi) No candidate shall be admitted for any University examination unless he produces satisfactory testimonial of having attended at least 85% classes in each semester during the course of instructions for the purpose of examination.

Provided that for sufficient resources a shortage of attendance not exceeding 15% of the total number of classes held in each semester may be condoned as below :-

- (a) A shortage up to 5% may be condoned by the principal of the college concerned for sufficient valid reasons.
- (b) A further shortage up to 10% may be condoned by the Vice-Chancellor on specific recommendations of the principal of the college concerned.

SCHEME OF EXAMINATION (PREVIOUS AND FINAL)

FIRST SEMESTER :-

Paper and Title	Lectures per week	Tutorials per week	Theory Marks	Class work and Sessional Marks	Total Marks	Duration of Paper
1	2	3	4	5	6	7
AM-11- ALGEBRA	4	2	100	25	125	3 Hours
AM-12- MATHEMATICAL ANALYSIS	4	2	110	25	125	3 Hours
AM-13- MATHEMATICAL METHODS	4	2	100	25	125	3 Hours
AM-14- DIFFERENTIAL EQUATIONS	4	2	100	25	125	3 Hours
TOTAL	16	8	400	100	500	

SECOND SEMESTER :-

Paper and Title	Lectures per week	Tutorials per week	Theory Marks	Class work and Sessional Marks	Total Marks	Duration of paper
1	2	3	4	5	6	7
AM-21- COMPLEX ANALYSIS AND OPERATIONAL CALCULUS	4	2	100	25	125	3 Hours
AM-22- TOPOLOGY AND DIFFERENTIAL GEOMETRY	4	2	100	25	125	3 Hours
AM-23- OPERATIONS RESEARCH	4	2	100	25	125	3 Hours
AM-24- NUMERICAL ANALYSIS AND COMPUTER PROGRAMMING	4	2	100	25	125	3 Hours
TOTAL	16	8	400	100	500	