C. S. I. B. E. R.

Kolhapur-4

M.Sc.(Quantitative Economics)

Under

Faculty of Science

2021-22

(Under Choice Based Credit System: C.B.C.S)
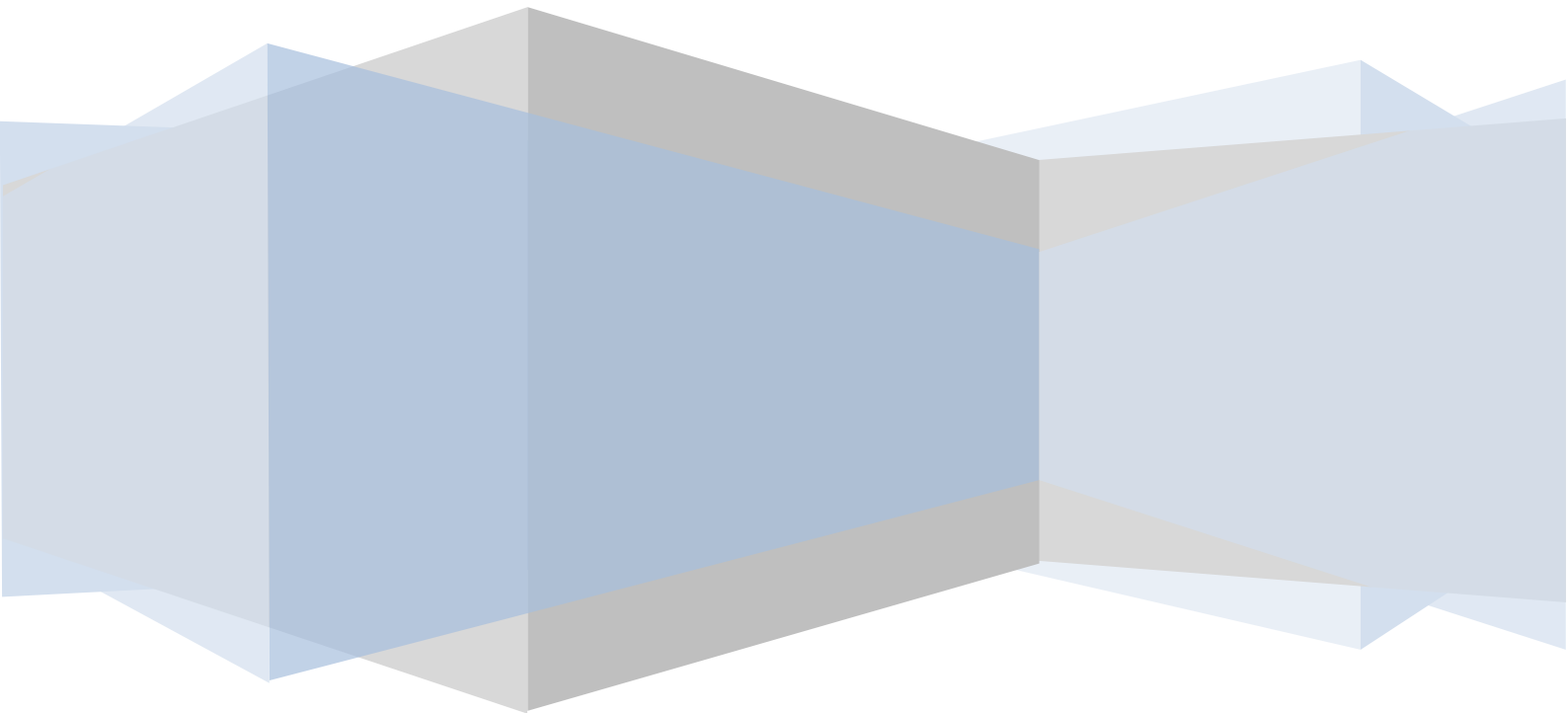
STRUCTURE OF M. SC. (QUANTITATIVE ECONOMICS)
2021-22

SEMESTER-I

Sub. Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
CC-101	History of Economic Thought	4	60	40	60	100
CC-102	Microeconomics	4	60	40	60	100
CC-103	Mathematics for Economic Analysis	4	60	40	60	100
CC-104	Statistical Methods for Economics	4	60	40	60	100
DSE-101 (Any one)	A) Ms-Excel for Economic Analysis* B) Demography*	4	60	40	60*	100
AECC-101	AECC-I: Professional Communication Skills*	2	30	20	30*	50
	Total Credits	**22**	**330**	**220**	**330**	**550**

*There will be no written exam for DES-101 & AECC-101. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

SEMESTER-II

Sub. Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
CC201	Macroeconomics	4	60	40	60	100
CC202	Mathematical Economics	4	60	40	60	100
CC203	Public Finance and Policy	4	60	40	60	100
DSE-201 (Any One)	A) Indian Economic Development & Policy (Seminar) B) Economics of Banking & Insurance(Seminar)	4	60	100	-	100
GE-201 (Any one)	A) Fundamentals of Management B) Office Automation C) Environment & Development D) Indian Social problems & Services	2	30	20	30	50
AEC-201	Introduction to SPSS*	4	60	40	60*	100
	Total Credits	**22**	**330**	**280**	**270**	**550**

*There will be no written exam for AEC-201. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

M.SC. (Q.E.) SYLLABUS 2021-22

SEMESTER-III

Sub. Code	Subject	Credits	Contact Hours	Int. Marks	Ext. Marks	Total Marks
CC301	International Economics	4	60	40	60	100
CC302	Econometrics-I	4	60	40	60	100
CC303	Research Methods in Economics (Seminar)	4	60	100	-	100
CC304	Economics of Growth and Development	4	60	40	60	100
DSE 301 (Any one)	A) Industry & Labour Economics B) Environmental Economics C) Monetary Economics	4	60	40	60	100
GE 301 (Any one)	A) Entrepreneurship Development B) E-Commerce C) Disaster Management D) Corporate Social Responsibility	2	30	20	30	50
AEC-301	R-Programming*	4	60	40	60*	100
	Total Credits	26	390	320	330	650

*There will be no written exam for AEC-301. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

SEMESTER-IV

Sub. Code	Subject	Credits	Hours	Int. Marks	Ext. Marks	Total Marks
CC401	Agriculture Economics	4	60	40	60	100
CC402	Indian Financial Institutions and Markets (Seminar)	4	60	100	-	100
CC403	Econometrics- II	4	60	40	60	100
CC404	Financial Economics	4	60	40	60	100
CC405	Project Work & Viva-Voce	4	60	40	60	100
DSE 401 (Any one)	A) Python Programming* B) Managerial Economics* C) Welfare Economics*	4	60	40	60*	100
AECC-401	AECC-II Employability Skills*	2	30	20	30*	50
	MOOC(Non-Credit)					
	Total Credits	26	390	320	330	650

*There will be no written exam for DSE-401 & AEC-401. However, there will be external evaluation at the end of the semester which will be coordinated by the department.

M.SC. (Q.E.) SYLLABUS 2021-22

M.SC.(QUATITATIVE ECONOMICS):2021-22

Total Credits

Semesters	Sem.- I	Sem.- II	Sem. III	Sem. IV	Total
Total Credits	22	22	26	26	**96**
Marks	550	550	650	650	**2400**

BIFURCATION OF CREDITS

Semesters	Sem.- I	Sem.- II	Sem. III	Sem. IV	Total
CC	**16** (72.2)	**12** (54.4)	**16** (61.5)	**20** (76.9)	**64** (66.6)
DSE	**4** (18.7)	**4** (18.7)	**4** (15.4)	**4** (15.4)	**16** (16.6)
GE	-	**2** (9.1)	**2** (7.7)	-	**4** (4.2)
AECC	**2** (9.1)	-	-	**2** (7.7)	**4** (4.2)
AEC		**4** (18.9)	**4** (15.4)	-	**8** (8.4)
TOTAL	**22** (100)	**22** (100)	**26** (100)	**26** (100)	**96** (100)

MASTER OF SCIENCE (QUANTITATIVE ECONOMICS)
Examination Rules and Regulations: 2021-22

1.0 DURATION:

The degree of **M.Sc.(Quantitative Economics)** shall be full time course and its duration shall be of **Two Years**. The course consists of Four Semesters. The examination to be held in the First and Second semester will be called Part – I (First Year) and the examination to be held in the Third and Fourth Semester will be called Part – II (Second Year).

- If a candidate fails to clear all the theory papers and project report within **Six** years of his/her registration, the past performance will stand automatically nullified.

- If a candidate discontinues any of the terms (i.e. Semester – I to IV) on any account, he/she will be allowed to complete the uncompleted terms in the subsequent years subject to the condition that it is within the stipulated time duration of **Six** years.

- In addition to the above, once a student's term (Semester) is granted, he/she shall be allowed to appear and pass in any of the subsequent examinations held, provided the examinations are within the stipulated period of **Six** years.

- In case the term (Semester) is not granted the student has to seek fresh admission in the next year and complete the term and pass the examination. This too within **Six** years of his/her registration.

1.1 Course Completion with Break in Between:

A student who has passed M.Sc. (Q.E). – I and is seeking admission to M.Sc. (Q.E.) – II after a long gap (Provided the gap lies within the stipulated duration of **Six** years) should complete the course syllabus which is in existence at the time he has sought the admission for the academic year.

2.0 ASSESSMENT:
2.1 Nature of Examination:

Semester pattern and **Credit Grade Based Performance and Assessment (CGPA)**

Taking into consideration the UGC and University requirements, SIBER adopted "Credit Grade Based Performance Assessment System" (CGPA). Each paper is of 100 marks and contact hours for each paper are 60. One credit is allotted to 15 contact hours. Full credit papers have Four credits.

For the paper of 100 marks the distribution will be as follows:

i) Internal Marks i.e. Concurrent evaluation   40 Marks

ii) External Marks i.e. Semester End examination   60 marks

2.2 Breakup of Internal Marks i.e. Concurrent evaluation

a) Theory Papers: 40 Marks

- Class Participation   10 marks
- Moodle Test   10 marks
- Class Test   10 marks
- Seminar Paper/ Library Based Assignment   10 Marks

The Home assignments / (MCQ'S) and Class tests assessed by the teachers be shown to the students and their signature be obtained.

b) Project Papers:

For the Project Work of 100 marks, the distribution of the marks will be as follows – to pass the Project work& viva voce exam candidate must obtain a minimum of 40% of the marks for each part **(i.e. 40% for Project Report & 40% for Project Viva).** If a candidate fails in the project report and its viva-voce, he/she will be required to join the particular project report and its viva-voce as a fresh candidate in the subsequent year.

2.3 End Semester examination:

The assessment of papers will be done by an Internal and External examiner. A difference of 20% of 60 marks in the marks awarded by these examiners would necessitate the valuation of the paper by Third examiner. The 'nearest' marks will be considered for determining the average mark of papers.

Once the Student passes in the internal marks and the record is submitted to the examination department, it should be carried forward whenever required and it cannot be improved in any case.

Students who fail in the internal marks (Concurrent evaluation out of 40) should reappear for the same, and then only the revised marks will be considered for result of that particular semester.

2.5 Standard of Passing:

- In order to pass in a paper head, a candidate will have to obtain 50% in the internal marks (Concurrent evaluation), 40% marks in semester end examination, and a minimum of 50% of the marks in aggregate in each paper head.

- To pass the M.Sc. (Quantitative Economics))examination, a candidate will have to pass in all four semesters.

- To pass the Project work papers a candidate must obtain a minimum of 50% of the total marks. If a candidate fails in the project report and its viva-voce, he/she will be required reappear for the same paper in the subsequent semester examinations.

- A candidate from the first year M.Sc. (Quantitative Economics) will be eligible to proceed to the Semester III, if he/she is not having more than **4 (four)** papers backlog of the First Year (that is semester – I and II).

<u>**M.SC. (Q.E.) SYLLABUS 2021-22**</u>

CHHATRPATI SHAHU INSTITUTE OF BUSINESS EDUCATION AND RESEARCH (CSIBER)
University Road, Kolhapur – 416 004
Out Line Theory Question paper for all the programmes
(Four Unit Course)

Class:
Course Name: **Paper no. :**
Time: Three hours   **Total marks: 60**

INSTURUCTIONS:
  1.   Question no. 1 is **COMPULSORY**
  2.   Attempt any **FOUR** from Q. No.2 to Q. No.7.
  3.   Figures to right indicate **FULL** marks

		Marks
Q. 1)	**Case study / Problems / Program (Based on Unit I to V)**	**(12)**
Q. 2)	**Long Question / Brief answer Questions A and B (Based on Unit I)**	**(12)**
Q. 3)	**Long Question / Brief answer Questions A and B (Based on Unit II)**	**(12)**
Q. 4)		**(12)**
	a) Question (Based on Unit III)	06
	b) Question (Based on Unit III)	06
Q. 5)		**(12)**
	a) Question (Based on Unit IV)	06
	b) Question (Based on Unit IV)	06
Q. 6)		**(12)**
	a) Question (Based on Unit V)	06
	b) Question (Based on Unit V)	06
Q. 7)	**Write Short answers**	**(12)**
	a) Based on Unit I	03
	b) Based on Unit II	03
	c) Based on Unit III	03
	d) Based on Unit IV	03

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CHHATRPATI SHAHU INSTITUTE OF BUSINESS EDUCATION AND RESEARCH (CSIBER)

University Road, Kolhapur – 416 004

Out Line Theory Question paper for all the programmes

(Two Unit Course)

Class:
Course Name: **Paper no. :**
Time: Two hours   **Total marks: 30**

    INSTURUCTIONS:
1. Question no. 1 is **COMPULSORY**
2. Attempt any **THREE** from Q. No.2 to Q. No.5.
3. Figures to right indicate **FULL** marks

                                                  Marks

Q. 1)   **Case study / Problems / Program (Based on Unit I or II)**   **(6)**

Q. 2)   **Long Answer Question (Based on Unit I)**   **(8)**

Q. 3)   **Long Answer Question (Based on Unit II)**   **(8)**

Q. 4)   **(8)**

    a) Brief Answer Question (Based on Unit I)   4

    b) Brief Answer Question (Based on Unit II)   4

Q. 5)   **(8)**

    a) Brief Answer Question (Based on Unit II)   4

    b) Brief Answer Question (Based on Unit I)   4

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3.0 Calculation of Performance Indices:

A distinction of the performance of one student from the other student is rather impossible to carry out from the grades obtained by a student in all the courses taken by him in a Semester/year. Hence, the evaluation of various courses is cumulated in two performance indices termed as Semester performance index (STP) and cumulative performance index (CPI) the explanation of which is given below:

3.1 Semester Performance Index (SPI):

The performance of a student in a semester is indicated by a number called Semester Performance Index (SPI). (SPI) is the weighted average of all the grade points obtained by him in all the courses registered during the semester r. If Gi is a grade with numerical equivalent as Gi obtained by a student for the course with credit Ci then, SPI for that semester is calculated using formula.

$$SPI = \frac{\sum C_i g_i}{\sum C_i}$$

SPI is calculated to two decimal places and rounded off. SPI once calculated shall be modified. Generally, for the students failed in regular examinations SPI is calculated only after the declaration of re-examination grades.

3.2 Cumulative Performance Index (CPI):

An up-to-date assessment of the overall performance of a student from the first semester till completion of the program is obtained by calculating an index called as Cumulative Performance Index (CPI). The CPI is weighted average of the grade points obtained in all the courses registered by a student since the first semester of the program.

$$CPI = \frac{\sum C_i g_i}{\sum C_i}$$

Besides SPI, CPI is also calculated at the end of every semester up to two decimal places and is rounded off. It is necessary to ensure that one course appears only once in calculation of CPI and the denominator in above equation does not exceed the total number of credits registered by him.

Initially there is certain trepidation in the minds of students and there are some difficulties in understanding the mechanics of this system. Therefore, it was decided that for the first year of implementation, on the mark sheets, both, the marks and the grade points and credits should be shown.

3.3 Grading System:

There shall be numerical marking for each course, which will be placed into credits. Each subject is classified as a major or minor. The major and minor subjects will be given 2 and 1 credits respectively.

Full Credit 100 Marks

Grade Table for Trimester/Semester Examination			
Marks Obtained	Letter Grade	Grade Point	Description of Performance
96-100	S+	10.0	SUPER
91-95	S	9.0	
86-90	E+	8.5	Exemplary
81-85	E	8.0	
76-80	O+	7.5	Outstanding
71-75	O	7.0	
66-70	A+	6.5	Good
61-65	A	6.0	
56-60	B+	5.5	Average
50-55	B	5.0	
--	X	0.0	Defaulter
--	XX	---	Incomplete

Half Credit 50 Marks

Grade Table for Trimester/Semester Examination			
Marks Obtained	Letter Grade	Grade Point	Description of Performance
48 – 50	S+	10.0	SUPER
46 – 47	S	9.0	
43 – 45	E+	8.5	Exemplary
41 – 42	E	8.0	
38 – 40	O+	7.5	Outstanding
36 – 37	O	7.0	
33 – 35	A+	6.5	Good
31 – 32	A	6.0	
28 – 30	B+	5.5	Average
25 – 27	B	5.0	
--	X	0.0	Defaulter
--	XX	---	Incomplete

Final Result: For the final result of the student Cumulative Performance Index (CPI) based on total earned credits vis-à-vis total earned grade points shall be calculated as follows.

Total earned grade points

Result		
CPI	**Final Grade**	**Classification of Final Result.**
9.0 -10.0	S	Extraordinary
8.0 – 8.9	E	Excellent
7.0 - 7.9	O	Outstanding
6.0- 6.9	A	Very Good
5.5-.5.9	B+	Good
5.0-5.4	B	Average
0.0- 4.9	C	Unsatisfactory (Fail)

Note: An aggregate of **5.0** credit points or CPI are required to pass the M.Sc. program.

3.4 Grace Marks:

The examinee shall be given 1% benefit of grace marks of concern semester only for passing in the entire examination of semester.

The examinee shall be given the benefit of grace marks only for passing in each head of passing (Theory/Practical/Oral/Session) provided that the benefit of such gracing marks in different heads of passing not exceed 1% of the aggregate marks in that examinations.

3.5 Grace Marks for Getting Higher Class:

- A Candidate who passes in all the subjects and heads of passing in the examination without the benefit of either gracing or Condonation rules and whose total number of Marks falls short for securing higher class of grade by marks not more 1% of the aggregate marks of that examination or up to 10 marks, whichever is less, shall be given the required marks to get the next higher class of grade as the case may be.
- Provided that benefits of above mentioned grace marks shall not be given, if the candidate fails to secure necessary passing marks in the aggregate head of passing also, if prescribed in the examination concerned.
- Provided further that the benefits of above mentioned grace marks shall be given to the candidate for such examination/s only for which provision of award of class has been prescribed.

3.6 Condonation:

If a candidate fails in only one head of passing, having passed in all other heads of passing, his/her deficiency of marks in such head of passing may be condoned by not more that 1% at the aggregate marks of the examination or 10% of the total Number of marks of that of passing in which he/she is failing whichever is less. However Condonation, whether in one head of passing or aggregate head of passing or aggregate head of passing be restricted to maximum 1% marks or maximum 10 marks whichever is less.

3.7 Verification of Marks (Only Theory Papers)

Candidates who feel that the marks secured by them are less than their expectations shall be allowed to apply for the verification of marks by paying the requisite fee of Rs. 100/- per paper (Only Theory papers). No rechecking facility is available due to double evaluation system.

A candidate shall apply for verification within 7 days from declaration of the Result.

3.8 Improvement:

The candidates passing the M.Sc.(Q.E.). Examination in Pass Class and indenting to reappear at the M. Sc(Q.E.) Examination of this institute in the same subjects with a view to obtaining higher class under the improvement of class scheme are eligible their name for this purpose. This concession will be available to the holders of the Master's Degree of this institute.

- A candidate passing the M.Sc.(Q.E.). Examination of this Institute in the Pass Class and desirous of availing himself / herself of the facility of improving his / her performance shall be given three chances to do so with a period of Six years from his / her first passing the M. Sc(Q.E.). Examination in the Pass Class. The appearance at all the semesters should be counted as one chance.
- A candidates indenting to re-appear at the M.Sc. (Q.E.). Examination under improvement scheme shall be allowed to do so without keeping fresh terms.
- A candidate indenting to re-appear at the M.Sc. (Q.E.). Examination under the improvement scheme shall have the option of taking examination at one sitting i.e. Part-I Sem. I & II and Part-II Sem. III & IV together of by parts.
- The result of the candidate appearing the M. Sc.(Q.E.). Examination under the improvement scheme will be declared only if the passes the whole examination in a class higher than the pass class.
- Students offering ten papers at a time will not be allowed to claim the performance of any of the part i.e. either Sem. I & II of Part-I or III & IV of Part-II.
- A candidate indenting to re-appear at the M.Sc.(Q.E.). Examination under the improvement scheme and obtaining IInd class shall not be eligible to appear for the same examination in the same subjects or subjects for securing a class higher than the IInd class.
- If a candidate is unable to get a Higher Class under this scheme, his / her previous performance in the corresponding examination shall be hold good.
- A candidate who improved his / her class under this scheme shall have to surrender his / her pass class degree certificate. In the absence of this, the degree under the improvement of class scheme will not be conferred on him / her.
- A candidate indenting to re-appear at the M.Sc(Q.E.). Examination under the improvement scheme has to complete the First Two Semesters (Part-I) or III & IV semesters (Part-II) at a time. He will not be entitled to claim exemption in a paper / papers of semesters.
- It is the primary responsibility of the students concerned to select the subject and papers for which teaching provision is there and to study the prescribed books as per syllabus in force.
- A candidate indenting to re-appear at the M.Sc(Q.E.). Examination under these rules shall have to register his / her name with the Institute by the prescribed dates every year.