



Regulations and Programme Structure
M.A. in ECONOMICS
(I to IV Semesters)

Master Degree Programme under Choice Based Credit System

(Framed under section 43(1)(i) of KFU Act.2011)

With effect from 2022-23

(Draft copy approved by the Finance Committee, Academic Council and Syndicate of the University, in their meetings held on 22nd October, 2018 and 11th June 2018 and 22nd October, 2018 respectively)

Regulations

Regulations Governing Post-Graduate Programme M.A. in Economics in the Department of Economics under the Faculty of Social Sciences under Choice Based Credit System

y (Framed under Section 43(1)(i) of the K.F.U Act. 2011)

1.0 Title

The Regulations shall be called "Regulations Governing the Post-Graduate Programme M.A. in Economics in the Department of Economics under the Faculty of Social Sciences under the Choice Based Credit System" in Karnataka Folklore University, Gotagodi.

2.0 Commencement

These Regulations shall come into force from the date assented to by His Excellency the Chancellor.

3.0 Definitions

a) In these Regulations, unless otherwise provided:

"Academic Council" means Academic Council of the University constituted according to the Karnataka Folklore University Act. 2011.

b) **"Choice Based Credit System (CBCS)"** The CBCS provides choice for students to select from the prescribed courses (core, elective, soft core etc. courses).

c) **"Board of Studies"** means P.G. Board of Studies of the University, Adhoc/Combined and Steering Committees of Diploma

Programmes in the discipline/subjects concerned.

d“Board of Examiners (BoE)” means P G Board of Examiners (BoE) panel of examiners who does all the examination related activities such as evaluation, question paper setting, viva-voce examination etc. This panel of examiners should be indentified and approved by BoS.

e“Compulsory Course” means fundamental paper, which the student admitted to a particular Post-Graduate Programme, should successfully complete to receive the Post Graduate Degree in the concerned subject.

f“Course” Usually referred to, as ‘papers’ is a component of a programme. All courses need not carry the same weight. The courses should define learning objectives and learning outcomes. A course may be designed to comprise lectures/ tutorials/laboratory work/ field work/ project work/ vocational training/viva/ seminars/term papers / assignments / presentations/ self-study etc. or a combination of some of these.

g“Course Weightage” means number of credits assigned to a particular course.

h“Credit” means the unit by which the course work is measured. One Credit means one hour of teaching work or two hours of practical work per week. As regards the marks for the course, 1 Credit is equal to 25 marks, 2 Credits are equal to 50 marks, 3 Credits are equal to 75 marks and 4 Credits are equal to 100 marks.

i“Cumulative Grade Point Average (CGPA)” refers to the cumulative Grade Point Averages weighted across all the semesters and is carried forward from first semester to subsequent semesters.

j“Degree” means Post-Graduate Degree.

k“Grade” is an index to indicate the performance of a student in the selected course. These Grades are arrived at by converting marks scored in each course by the candidate in both Internal Assessment and Semester-end Examinations.

l“Transcript or Grade Card or Certificate” Based on the grades earned, a grade certificate shall be issued to all the registered students after every semester. The grade certificate will display the course details (code, title, number of credits, grade secured).

m“Semester Grade Point Average (SGPA)” is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits taken during that semester.

n“General Elective Course (GEC)” means a paper offered by a department to the students of other Departments.

o“Post Graduate Programme” means semesterised Master’s Degree Programme excluding P.G. Diploma, under CBCS.

p“Specialization course” means advanced paper offered by a Department that a student of that Department can opt as a special course.

q“Student” means the student admitted to programmes under (k)

r “University” means Karnataka Folklore University, Gotagodi.

4.0 Minimum Eligibility for Admission

A candidate, who has successfully completed minimum three years Bachelor’s Degree programme from this University or from any other University recognized as equivalent thereto by this University and must have obtained not less than 50% (45% in case of SC/ ST and Category-I candidates) of marks in cognate

(Economics) subjects and in the qualifying Bachelor Degree as a whole shall be eligible for admission to the post Graduates Programmes provided the candidate also satisfies the conditions like the minimum percentage of marks and other eligibility conditions as prescribed by the University from time to time.

Admission shall be as per Government of Karnataka reservation policy and the directions issued in this regard from time to time.

5.0 Duration of the Programme

Unless otherwise provided, the duration of study for the Post-Graduate Degree Programme shall extend over a period of two consecutive academic years, each academic year comprising two semesters, and each semester comprising sixteen weeks with a minimum of ninety working days.

However, the students, who discontinue the programme after one or more semesters due to extraordinary circumstances, are allowed to continue and complete the programme with due approval from the Registrar subjected to double the duration of the programme and fullfill other conditions like minimum attendance etc. Further with clear recommendation from the department council.. Candidates shall not register for any other regular course other than Diploma and Certificate courses being offered on the campus during the duration of P.G. Programme.

5.1 However if students fails to continue 2nd Semester or fails to fulfil 75% attendance he/she may take this semester immediately after completion of fourth semester by paying full fees.

6.0 Medium of Instruction and Evolution

The medium of instruction for all programmes except languages shall be normally in English. However, the students may write the examinations in Kannada if so

provided by the concerned Board of Studies.

7.0 Programme Structure

7.1 The students of Post-Graduate Programme shall study the courses as may be approved by the concerned Board of Studies (BoS), Faculty and the Academic Council of the University from time to time subject to minimum and maximum credits as outlined in these regulations.

7.2 The BOS of the concerned department shall prepare programme structure, syllabus and question paper pattern. The suggestive pattern of matrix for two years master's programme is presented in **Appendix A**.

7.3 The category of courses which shall be included in the programme structure and their descriptions are given in the following Table:

| Sl. No. | Category of Course | Description |
|---------|---|---|
| 1 | Disciplines Specific Core (DSC) Course | DSC courses aim to cover the basics that a student is expected to imbibe in that particular discipline. They provide fundamental knowledge and expertise to produce competent, creative graduates with a strong scientific, technical and academic acumen. |
| 2 | Discipline Specific Elective (DSE) Course | DSE Course is a course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline/subject of study or which provides an extended scope or enables an exposure to some other discipline/ subject/domain or which nurtures the candidate's proficiency/skill. |
| 3 | Generic Elective Course (GEC) | GEC is a course to be chosen from an unrelated discipline/ Subject, with an intention to seek exposure beyond discipline/s of choice. The purpose of GEC is to offer the students the option to explore disciplines of interest beyond the choices they make in core and discipline specific |

| | | |
|---|--------------------------------|--|
| | | elective courses. |
| 4 | Skill Enhancement Course (SEC) | SEC is a Course to promote skills pertaining to a particular field of study. The purpose of these courses is to provide students life-skills in hands-on mode so as to increase their employability/ Self-employment. The objective is to integrate discipline related skills in a holistic manner with general education. |
| 5 | Research Project (RP) | Project work is a special course involving application of knowledge in solving / analyzing / exploring a real life situation / difficult problem/ data analysis. Project Work has the intention to provide research competencies. It enables to acquire special/ advanced knowledge through support study. |
| 6 | Internship (IP) | Internship is a professional learning experience that offers meaningful, practical work related to a student's field of study or career interest. An internship gives a student the opportunity for career exploration and development, and to learn new skills. Note: Assessment pattern shall be decided by the BoS of the concerned discipline from time to time. [Internship is offered in Programmes wherever necessary] |

7.4 No minimum mark is prescribed for internal assessment.

7.5 Internal assessment marks once awarded will hold good even if a candidate reappears for the examination.

7.6 Credit for a course will be fixed by the BoS of the concerned department. However, it should be minimum of 2 credits and maximum of 4 credits for a particular course within the respective programme.

7.7 There shall be three components of teaching-learning viz., Lecture, Tutorial and Practical/Field Work. A course shall have Lecture (L) or Tutorial (T) or Practical/Field work component or the

combination of any two or all the three components. The instruction pattern of the course is indicated as L: T: P. The credits of the course shall be the sum of credits allotted for L, T and P components.

7.6 The Number of seats per elective paper is as per the facility and infrastructure available in the department/campus/affiliated college. However, there should be minimum of 10 students per elective or any other conditions as prescribed by the University from time to time.

8.0 Attendance:

8.1 For the programme, calculation of attendance shall not be done at aggregate level for whole semester. Each course shall be taken as a unit for the purpose of calculating attendance. A student requires a minimum of 75% of attendance for each course to be eligible for the Semester End Examination (SEE).

8.2 In case of a candidate who represents his/her institution/ university/state/nation in Sports/NCC /NSS/Cultural or any Official activities with shortage of attendance, up to a maximum of 15 working days in a semester may be condoned, based on the prior permission and recommendation of the Chairperson of the Department in the University / Director/Special Officer/ Coordinator of PG Centre / Principal of the College.

8.3 A candidate who does not satisfy the requirement of attendance shall not be eligible to take examination of the concerned course and he/she shall repeat that course when offered with the current syllabus of course(s). This facility shall be available only for TWO times in the entire course of duration.

8.4 The Chairperson of the Department in the University / Director/

Special Officer/Coordinator PG Centres / Principal of the College shall send the list of such students with shortage of attendance immediately after the last working day of the semester to the Registrar (Evaluation). The Registrar (Evaluation) shall not include the course(s) in the Examination Hall Ticket where there is a shortage of attendance.

9.0 Miscellaneous:

9.1 Students are required to take active part in the research / survey programmes arranged by the department.

9.2 Students are required to learn Typing, shorthand and Computer applications.

9.3 A student shall be considered to have satisfied the required attendance for each course if he / she has attended minimum 75% of the total number of instructional hours during the semester.

9.4 There is no provision for condoning shortage of attendance.

9.5 The students who do not satisfy the prescribed requirement of attendance shall not be eligible for the ensuing examination. Such candidates may seek a fresh admission.

9.6 Such of the candidates who have participated in State / National level Sports, NSS, NCC, Cultural activities and other related activities as stipulated under the existing regulations shall be considered for giving attendance for actual number of days utilized in such activities (including travel days) subject to the production of certificates from the relevant authorities within two weeks after the event.

9.7. Student should take Open elective subject offered by the other department as an Open Elective subject. However, there should be minimum of 10 students per elective.

10.0 Examination

- 10.1. Assessment and evaluation processes happen in a continuous mode. However, for reporting purposes, a course assessment is divided into 3 discrete components identified as C1, C2, and C3. The components C1 and C2 are based on Continuous Internal Assessment (CIA) and C3 is based on Semester-End Examination (SEE).
- 10.2 There shall be an examination at the end of each semester conducted by the University.
- 10.3 Unless otherwise provided, there shall be semester-end examination of 2/3 hours duration for 50/70 marks;
- 10.4 Every student shall register for each semester-end examination as per the University Notification by submitting duly completed application form through the proper channel and shall also pay the fees prescribed.
- 10.5 The Office of the Registrar shall allot the Register Number to the candidate at the in the beginning of the 1st semester, after receiving course registration list from the Chairman of the Department. That will be the Register Number of the candidate for all subsequent appearances and semester-end examinations.
- 10.6 The Answer scripts shall be in the safe custody of the University for a maximum period of one year from the date of announcement of results. These shall be disposed off after one year.
- 10.7 The programme under CBCS is a fully carry-over system. A candidate reappearing for either the odd or even semester examinations shall be permitted to take examinations as and

when they are conducted (even semester examination in even semester and odd semester examination in odd semester).

10.8 Candidates who have failed, remained absent or opted for improvement in any course / courses shall appear for such course / courses in the two immediate successive examinations that are conducted with subjected to minimum of 75% attendance. However, in the case of the candidate appearing for improvement of their marks, the marks secured in the previous examination shall be retained, if the same is higher.

10.9 Candidates who desire to challenge the marks awarded to them, in the odd (first and third) semester-end examination, may do so by submitting an application along with the prescribed fee to the Registrar (Evaluation) within 15 days from the announcement of results.

11.0 Evaluation

11.1 Each Course shall have two evaluation components – Continues Internal Assessment (CIA) and the Semester End Exams (SEE).

11.2 The CIA component in a course shall carry 20% / 30% / 50% and the Semester End Examination shall carry 80% / 70% / 50% respectively. However, in case of project work, the distribution of marks for Internal Assessment and Examination shall be left to the discretion of the concerned BOS and can also refer 10.0.

11.3. Each course shall be taken as a unit for the purpose of calculating attendance. A student shall be considered to have put in the required attendance for the course, if he / she have attended minimum 75% of the total number of instructional hours during the semester.

11.4 Continues Internal Assessment (CIA) shall be based on written tests / assignments / seminars and / or any other instructional activity as specified by the concerned Board of Studies from time to time. However, IA components can be referred as below;

Outline for Continuous Internal Assessment activities:

The Internal Assessment activity can be classified as C1 and C2. The session test should be conducted as per the university calendar of events. The semester end examination can be called as C3.

Continuous Internal Assessment (CIA) activities for C1 and C2 of a 4-credit course shall be as under;

For courses of 04 Credits:

| Activities | C1 | C2 | Total Marks |
|----------------------------------|-----------------|-----------------|-----------------|
| Session test | 10 Marks | 10 Marks | 20 Marks |
| Seminars/Presentations/Activity | 05 Marks | -- | 05 Marks |
| Case Study/Assignment/Field work | -- | 05 Marks | 05 Marks |
| TOTAL | 15 Marks | 15 Marks | 30 Marks |

For courses of 02 Credits:

| Activities | C1 | C2 | Total Marks |
|----------------------------------|-----------------|-----------------|-----------------|
| Session test | 05 Marks | 05 Marks | 10 Marks |
| Seminars/Presentations/Activity | 05 Marks | -- | 05 Marks |
| Case Study/Assignment/Field work | -- | 05 Marks | 05 Marks |
| TOTAL | 10 Marks | 10 Marks | 20 Marks |

For C3 (semester end examination) question paper pattern is as per the recommendation of concerned Board of Studies (BoS).

11.5 The IA marks list shall be notified on the Department Notice Board

as and when the individual IA components are completed and the consolidated list shall be submitted to the Office of the Registrar Evaluation before the commencement of semester-end examination, or as directed by the University.

11.6 The tests shall be written in a separately designated book which shall be open for inspection by the students after evaluation.

11.7 There is no provision for seeking improvement of Internal Assessment marks.

11.8 The IA records, pertaining to Semester Examination, shall be preserved by the department / Centres / Colleges for a period of one year from the date of semester examination. These records may be called by the University or a body constituted by the University as and when deemed necessary.

11.9 The dissertation / project work evaluation and viva-voce shall be conducted by an internal and external examiner, appointed by Chairperson, BoE chosen from the panel of examiners approved by the concerned BoS.

12.0 Semester-end Examination (C3)

12.1 There shall be a Board of Examiners to set, scrutinize and approve question papers. These examiners are appointed by Chairperson, BoE chosen from the panel of examiners approved by the concerned BoS.

12.2 The BOE shall scrutinize the question papers submitted in two sets by the
Papers setters and submit the same to the office to the Registrar (Evaluation).

12.3 The office of the Registrar Evaluation shall dispatch the question

papers to the Departments/ P.G Centres/ Collages who shall conduct the Examinations according to the Schedule announced by the University.

12.4 Registrar (Evaluation) shall appoint a full-time course teacher as an internal senior supervisor and if required one external senior supervisor who shall conduct the examinations.

Each answer script (theory) of the odd semester-end examination (first and third semester) shall be a single valuation and each answer script (theory) of even semester semester-end examination (second and fourth semester) shall be assessed by two examiners (one internal and another external). The marks awarded to that answer script/project work shall be the average of these two evaluations. If the difference in marks between two evaluation exceeds 20% of the maximum marks, such a script shall be assessed by third examiner. The marks allotted by the third examiner shall be averaged with nearer awarded of the evaluations.

Provided that in case the number of answer scripts to be referred to the third examiner in a course exceeds minimum of 5% or 20% of the total number of scripts, at the even semester-end examinations, such answer scripts shall be valued by the Board of Examiners on the date to be notified by the Chairperson of the Board of Examiners and the marks awarded by the Board shall be final.

12.5 Wherever dissertation / project work is prescribed in the even semesters of a programme, the same shall be evaluated by both internal and external examiners. The evaluation shall be as prescribed by the concerned Board of Studies.

12.6 In case of programmes with practical examination details of maximum marks, credits or duration may vary from Department to Department as specified by the concerned Board of Studies.

12.7 The Office of the Registrar Evaluation shall process and announce the results.

13.0 Submission and Evaluation of Project / Dissertation:

13.1 The candidate has to submit the project / dissertation within the time frame as prescribed by the Board of Studies

13.2 The responsibility of allocating the project work including the topic of the project, duration and the time for the field work etc., shall be decided by the beginning of the commencement of the semester.

The Project work titles should be in line with aims and objectives of the folklore university

13.3 Right from the initial stage of defining the problem, the candidate has to submit the progress reports periodically and also present his/her progress in the form seminar in addition to regular discussion with guide.

13.4 The components of evaluation of the project/dissertation are as follows;

C1: periodic progress of the project work (15%) or (15 marks)

C2: Results of work and draft report (15%) or (15 marks)

C3: Final viva – voce and evaluation of the report (70%) or (70 marks).

The marks of report evaluation and viva-voce examination pattern shall be decided by the Board of Studies

13.4 b 50 marks for Dissertation, 20 marks for Viva-voce and 30 marks for Internal Assessment

Marks allocation for Dissertation is 50

| Sl.No | Aspects | Marks |
|-------|------------------------------|-------|
| 1 | Introduction and Methodology | 05 |
| 2 | Profile of the study area/ | 05 |

| | | |
|---|-------------------------------------|----|
| | Background | |
| 3 | Theoretical Background of the Study | 05 |
| 4 | Research Design | 05 |
| 5 | Data Analysis and interpretation | 15 |
| 6 | Presentation of the findings | 15 |
| | Total | 50 |

Viva-voce Examination for 25 Marks

| Sl.No | Aspects | Marks |
|-------|---|-------|
| 1 | Presentation and Communication Skills | 03 |
| 2 | Domain Knowledge | 03 |
| 3 | Research Design and application of quantitative tools | 04 |
| 4 | Results and suggestions | 05 |
| 5 | Presentations/Publications | 05 |
| | Total | 20 |

14.0 Maximum duration for completion of the Programme

14.1 A candidate admitted to a post graduate programme shall complete it within a period, which is double the duration of the programme from the date of admission.

14.2 Whenever the syllabus is revised, the candidate reappearing shall be allowed for the examinations only according to the new syllabus.

15.0 Declaration of Results

15.1 The minimum for a pass in each course shall be 40% of the total marks including both the IA and the semester-end examinations. Further, the candidate shall obtain at least 40% of the marks in the semester-end examination. There is no minimum for the IA marks.

15.2 Candidates shall secure a minimum of 50% in aggregate in all course of a programme in each semester to successfully complete the programme.

15.3 Candidates shall earn the prescribed number of credits for the programme to qualify for the PG Degree.

15.5 For the purpose of announcing the results, the aggregate of the marks secured by a candidate in all the semester examinations shall be taken into account. However, Ranks shall not be awarded in case the candidate has not successfully completed each of the semesters in first attempt or has not completed the programme in the stipulated time (vide Regulation 5) or had applied for improvement of results.

16.0 Award of Grace Marks

16.1. A candidate shall be eligible to a maximum of 5 grace marks, provided the candidate: a) appears for the entire examination b) he/she has failed in only one paper and c) gets the minimum prescribed marks in the paper and aggregate for passing by such gracing.

16.2. Grace Marks awarded for making up of deficiency in a paper/s of a semester, shall be deducted first from out of the component/s of the same paper which has no minimum for pass. After such deduction the balance of a grace marks, if any, shall be deducted equally (as far as possible) from the marks obtained in other paper/s of that semester, in the order of their appearance, without affecting the result (pass etc) of the candidate.

16.3. Grace marks awarded as per 16.1 for passing a paper and the corresponding marks deducted as per 16.2 to be shown only in the ledger and not in the statement of marks. However, grace marks awarded for declaration of grade as per 14.2 shall be indicated in the statement of marks.

17.0 Award of Ranks

17.1 For the purpose of announcing the results, the aggregate of the marks secured by a candidate in all the semester examinations shall be taken into account. However, Ranks shall not be awarded in case the candidate has not successfully completed each of the semesters in first attempt or has not completed the programme in the stipulated time (vide Regulation 5) or had applied for improvement of results.

17.2 Marks, Credit Points, Grade Points, Grades and Grade Point Average

17.3 The grade points and the grade letters to candidates in each course shall awarded as follows:

| Percentage of Marks | Grade Points | Grade Letter |
|--------------------------------|------------------------------------|--------------|
| 75 and above, up to 100.00% | 7.50 to 10.00 | A |
| 60 and above but less than 75% | 6.00 and above but less than 07.5% | B |
| 50 and above but less than 60% | 5.00 and above but less than 6.0 | C |
| 40 and above but less than 50% | 4.00 and above but less than 05.00 | D |
| Less than 40.00% | Less than 4.00 | E |

17.4 Credit Point (CP): The Credit Point for each course shall be calculated by multiplying the grade point obtained by the credit of course.

17.5 The award of Grade Point Average (GPA) for any student is based on the performance in the whole semester. The student is awarded Grade Point Average for each semester based on the Total Credit Points obtained and the total number of credits opted for. The GPA is calculated by dividing the total credit points earned by the student in all the courses by the total number of credits of those courses of the semester.

17.6 The Cumulative Grade Point Average (CGPA) shall be calculated by dividing the total number of credit points in all the semesters by the total number of credits in all the semesters. The CGPA to date shall be calculated by dividing the total number of credit points in all semesters to date by the total number of credits in all the semesters to date.

CGPA for the I Semester =

$$\frac{\text{Sum of the CP of the I Semester}}{\text{Sum of the credits of the I Semester}}$$

CGPA for the II Semester =

$$\frac{\text{Sum of the CP of the I Sem.} + \text{Sum of the CP of II Sem.}}{\text{Sum of the credits of the I Semester} + \text{II Semester}}$$

CGPA for the III and IV Semesters shall be computed accordingly.

17.7 The Grade Card at each semester examination shall indicate the course opted by the student, the credit for the course chosen by the student, the credit points obtained in each course, the grade letter and the grade point average. No class shall be awarded for each semester and the same would only be awarded at the end of all the semesters based on Cumulative Grade Point Average.

17.8 Class shall be awarded to the successful candidates based on the Cumulative Grade Point Average (CGPA) as specified below:

| Cumulative Grade Point Average (CGPA) | Class to be awarded |
|---------------------------------------|------------------------------|
| 7.5 to 10.0 | First class with Distinction |
| 6.0 and above but below 7.5 | First Class |
| 5.0 and above but below 6.0 | Second Class |

18.0 Miscellaneous

a Notwithstanding anything contained in these regulations, the semester system at post-Graduate level is hereby repealed.

b The provisions of any order, Rules or Regulations in force shall be inapplicable to the extent of its inconsistency with these Regulation.

c The University shall issue such orders, instructions, procedures and prescribe such format as it may deem fit to implement the provisions of this Regulations.

d The procedural details may be given by the University from time to time.

e Any unforeseen problems / difficulties may be resolved by the Vice Chancellor, whose decision in the matter shall be final.

Appendix I

Illustrative Model: Grade Card

Programme: (Faculty of Social Sciences)

Name of the candidate: Semester: I

Seat No: Month & Year:

| Course | Course code no | Credits | Max Marks | Mark Obtained | Semester Grade Point | Credit Points |
|--------------|----------------|-----------|------------|---------------|----------------------|---------------|
| DSC | | | | | | |
| • Course-I | | 04 | 100 | 60 | 6.00 | 24.00 |
| • Course-II | | 04 | 100 | 74 | 7.40 | 29.60 |
| • Course-III | | 04 | 100 | 43 | 4.30 | 17.20 |
| DSE | | | | | | |
| • Course-I | | 04 | 100 | 60 | 6.00 | 24.00 |
| • Course-II | | 04 | 100 | 74 | 7.40 | 29.60 |
| GEC | | | | | | |
| • Course-I | | 04 | 100 | 60 | 6.00 | 24.00 |
| Total | | 24 | 600 | 341 | | 136.40 |

GPA for I Semester = Total no. of CP / Total no. of Credits = 136.40 / 24.00 = 5.68

CGPA for I Semester = GPA = 5.68

Calculation of CGPA for II, III and the Final Semester

| | |
|-------------------|------------------------------------|
| CGPA for II Sem = | CP (ISem) + CP (II Sem) |
| | Credits (I Sem) + Credits (II Sem) |

| | |
|--------------------|--|
| CGPA for III Sem = | CP (ISem) + CP (II Sem) + CP (III Sem) |
| | Credits (I Sem) + Credits (II Sem) + Credits (III Sem) |

| | |
|--------------------------|---|
| CGPA for the programme = | CP (ISem) + CP (II Sem) + CP (III Sem) + CP (IV Sem) |
| | Credits (I Sem) + Credits (II Sem) + Credits (III Sem) + Credits (IV Sem) |

(*CP: Credit Points)

Appendix A

i. Suggestive pattern of matrix for two years Masters programme

Distribution of Courses/Papers in Postgraduate Programme I to IV Semester as per Choice Based Credit System (CBCS) Proposed for PG Programme

I-SEMESTER

| Semester No. | Category | Subject code | Title of the Paper | Marks | | | Teaching hours/week | | | Credit | Duration of exams (Hrs) |
|--------------|----------|--------------|--------------------|-------|-----------|-------|---------------------|---|---|--------|-------------------------|
| | | | | IA | Sem. Exam | Total | L | T | P | | |
| FIRST | DSC1 | | Course 1 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC2 | | Course 2 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC3 | | Course 3 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC4 | | Course 4 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC5 | | Course 5 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |

| | | | | | | | | | | | |
|---|------|--|----------------------|----|----|------------|---|---|---|-----------|---|
| | | | | 0 | | | | | | | |
| | DSE1 | | A. Elective Course 6 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | | | B. Elective Course 6 | | | | | | | | |
| Total Marks and Credits for I Semester | | | | | | 600 | | | | 24 | |

* Student shall opt for any one course i.e A/B

II-SEMESTER

| Semester No. | Category | Subject code | Title of the Paper | Marks | | | Teaching hours/week | | | Credit | Duration of exams (Hrs) |
|--|----------|--------------|---------------------------|-------|-----------|------------|---------------------|---|---|-----------|-------------------------|
| | | | | IA | Sem. Exam | Total | L | T | P | | |
| S | DSC 6 | | Course 1 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC 7 | | Course 2 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC 8 | | Course 3 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC 9 | | Course 4 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSE2 | | A. Elective Course 5 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | | | B. Elective Course 5 | | | | | | | | |
| | GEC 1 | | Generic Elective Course 6 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| Total Marks and Credits for II Semester | | | | | | 600 | | | | 24 | |

* Student shall opt for any one course i.e A/B

III-SEMESTER

| Semester No. | Category | Subject code | Title of the Paper | Marks | | | Teaching hours/week | | | Credit | Duration of exams (Hrs) |
|--|----------|---------------------------|----------------------|-------|-----------|------------|---------------------|---|---|-----------|-------------------------|
| | | | | I A | Sem. Exam | Total | L | T | P | | |
| Third | DSC10 | | Course 1 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC11 | | Course 2 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC12 | | Course 3 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSE3 | | A. Elective Course 4 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | | | B. Elective Course 4 | | | | | | | | |
| | DSE4 | | A. Elective Course 5 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | | | B. Elective Course 5 | | | | | | | | |
| GEC2 | | Generic Elective Course 6 | 30 | 70 | 100 | 4 | - | - | 4 | 3 | |
| Total Marks and Credits for II Semester | | | | | | 600 | | | | 24 | |

* Student shall opt for any one course i.e A/B

IV-SEMESTER

| Semester No. | Category | Subject code | Title of the Paper | Marks | | | Teaching hours/week | | | Credit | Duration of exams (Hrs) |
|--------------|----------|--------------|--------------------|-------|-----------|-------|---------------------|---|---|--------|-------------------------|
| | | | | I A | Sem. Exam | Total | L | T | P | | |
| Fourth | DSC13 | | Course 1 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC14 | | Course 2 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC15 | | Course 3 | 30 | 70 | 100 | 4 | - | - | 4 | 3 |
| | DSC16 | | Course 3 | 30 | 70 | | | | | | |

| | | | | | | | | | | |
|-----------------------------------|--|----------------------|--------|----|---------|---|---|---|----|---|
| | | | 0 | | | | | | | |
| DSE5 | | A. Elective Course 5 | 3 0 | 70 | 10 0 | 4 | - | - | 4 | 3 |
| | | B. Elective Course 5 | | | | | | | | |
| Dissertation | | Course 6 | 3 0 | 70 | 10 0 | 4 | - | - | 4 | 3 |
| Total Credits for Fourth Semester | | | | | 600 | | | | 24 | |

* Student shall opt for any one course i.e A/B

EXAMPLE FOR PROGRAMMES Distribution of Courses/Papers in Postgraduate Programme I to IV Semester as per Choice Based Credit System (CBCS) Proposed for PG Programme in ECONOMIS

SEMESTER I

| Paper No. | Title of the Paper | Credit Hours | Teaching Hrs. per Week | Marks | | Scheme of Examination | |
|-----------|-------------------------------------|--------------|------------------------|---------------|---------------------|-----------------------|----------------------|
| | | | | Written Exam. | Internal Assessment | Total | Examination Duration |
| DSC1 | Micro Economic Analysis | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC2 | Economics of Growth and Development | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC3 | Mathematics for Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |

| | | | | | | | |
|---|----------------------------|-----------|-----------|------------|------------|------------|----------|
| DSC4 | Indian Economy | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC5 | Introduction to Folklore | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| *Soft core any One | | | | | | | |
| DSE1 | (a) Agricultural Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| | (b) Economics of Gender | | | | | | |
| Total Marks and Credits for I Semester | | 24 | 24 | 420 | 180 | 600 | - |

* Student shall opt for any one course i.e A/B

SEMESTER II

| Paper No. | Title of the Paper | Credit Hours | Teaching Hrs. per Week | Marks | | Scheme of Examination | |
|--------------------------|---------------------------------|--------------|------------------------|---------------|---------------------|-----------------------|----------------------|
| | | | | Written Exam. | Internal Assessment | Total | Examination Duration |
| DSC6 | Macro Economic Analysis | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC7 | Public Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC8 | Statistics for Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC9 | Development of Folklore studies | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| Soft core any One | | | | | | | |
| DSE2 | (a) Demographic Studies | 4 | 4 | 70 | 30 | 100 | 3 Hours |

| | | | | | | | |
|--|-------------------------------|-----------|-----------|------------|------------|------------|----------|
| | (b) Economics of Health | | | | | | |
| GEC1 | GEC: Indian Economy | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| Total Marks and Credits for II Semester | | 24 | 24 | 420 | 180 | 600 | - |

* Student shall opt for any one course i.e A/B

SEMESTER III

| Paper No. | Title of the Paper | Credit Hours | Teaching Hrs. per Week | Marks | | Scheme of Examination | |
|----------------------------|---------------------------------------|--------------|------------------------|---------------|---------------------|-----------------------|----------------------|
| | | | | Written Exam. | Internal Assessment | Total | Examination Duration |
| DSC10 | Research Methodology | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC11 | International Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC12 | Basic Econometrics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC13 | Folklore and Economic Development | 4 | 4 | 70 | 30 | 100 | 3Hours |
| Soft core (any One) | | | | | | | |
| DSE3 | A) Economics of Infrastructure | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| | B) Rural Development and Co-operation | | | | | | |
| GEC2 | GEC: Karnataka Economy | 4 | 4 | 70 | 30 | 100 | 3 Hours |

| | | | | | | |
|--|----|----|-----|-----|-----|---|
| Total Marks and Credits for III Semester | 24 | 24 | 420 | 180 | 600 | - |
|--|----|----|-----|-----|-----|---|

* Student shall opt for any one course i.e A/B

IV Semester

| Paper No. | Title of the Paper | Credit Hours | Teaching Hrs. per Week | Marks | | Scheme of Examination | |
|-----------------------------------|---------------------------------|--------------|--|---|---------------------|-----------------------|----------------------|
| | | | | Written Exam. | Internal Assessment | Total | Examination Duration |
| DSC14 | Indian Public Finance | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC15 | Environmental Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC16 | Industrial Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| DSC17 | Rural Development | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| Soft core (any One) | | | | | | | |
| DSE4 | A) Regional Economics | 4 | 4 | 70 | 30 | 100 | 3 Hours |
| | B) HUMAN RESOURCE MANAGEMENT | | | | | | |
| RP1 | Research Project (Dissertation) | 4 | Guiding Four students equal to one hour of teaching per week | 70 (Dissertation work and viva voce) | 30 | 100 | - |
| Total Credits for Fourth Semester | | 24 | 24 | 420 | 180 | 600 | - |

| | | | | | | |
|--|----|----|------|-----|------|--|
| Total Number of Credits : -IV Semester | 96 | 96 | 1680 | 720 | 2400 | |
|--|----|----|------|-----|------|--|

* Student shall opt for any one course i.e A/B J

Semester – I

Paper DSC 1: Micro Economic Analysis

Unit-1: Demand Analysis

Cardinal Utility Approach- Law of Diminishing Marginal Utility, Consumer's Equilibrium, Derivation of Demand Curve- Ordinal Utility Approach – Utility Maximization Problems, Indifference Curves; Properties, Consumer's Equilibrium, Price, Income & Substitution Effects, Derivation of Demand Curve; Revealed Preference Theory of Demand; Recent Developments in Demand Theory Hicksian Revised Theory, Lancaster's Characteristics of Goods approach, Consumer's Choice under Risk and Uncertainty. Demand and Supply Equilibrium, Cobweb Theorem

Unit -2: Theory of Production and Costs

Production Function with one variable input and two variable inputs, Cost minimizing input choices, Production Functions-Cobb-Douglas, Constant Elasticity of Substitution Production Function, Trans Long Production Function, Returns to Scale, Duality theory, Expansion path, Short run and Long run costs and their relationship in Traditional Cost Theory- Average Marginal relationships; Modern cost theory, Economies and diseconomies of Scale

Unit -3: Market Structure

Perfect competition- features, equilibrium of the Firm and Industry, short run supply curves; Monopoly- Price and output determination, Degree of monopoly power, price-output determination under discriminating monopoly; Bilateral Monopoly and Monophony; Monopolistic competition price and output

determination, critique of Chamberlin's Theory of Monopolistic competition, The concept of Excess capacity, Selling costs; Oligopoly- Non collusive (Cournot, Bertrand, Kinked demand curve and Stackleberg's solution) and Collusive (Cartels, Mergers and price leadership) models, Sales maximization model of oligopoly, Theory of Game- The Nash equilibrium, Neuman Morgenstern game theory.

Unit -4: Theory of Distribution

Marginal productivity theory; Product exhaustion theorem; Modern Theory of Distribution- Clark's Dynamic theory of profit, Schumpeter's Innovation theory of profits, Risk and Uncertainty theory; Macro theories of distribution- Ricardian, Marxian, Kalecki and Kaldor's

BOOKS FOR REFERENCE

1. Ahuja H.L (2017), Advanced Economic Theory, S. Chand and Company Ltd., New Delhi, Twenty First Edition
2. Robert Pindyck ,Daniel Rubinfeld (2017),Microeconomics: Pearson Education, Eight Edition
3. Dominick Salvatore (2017), Microeconomic Theory Mcgraw Hill Education Third Edition
4. Pankaj Tandon (2015), Microeconomic Theory , SAGE Test
5. Seth.M.L. (2013-14) Microeconomic, Laskhmi Narayan Agarwal Educational Publishers,
6. Anupam Plaza-I Block No- 50, Sanjaya Place, Agra
7. Andrew Schotter (2008), Microeconomics: A Modern Approach, Southwest Cengage Learning Publication, Mason, USA.
8. Salvatore, D. (2003), Micro economics; Theory and Applications. Oxford University Press, New Delhi.
9. Kotsoyiannis A Modern Microeconomics, Macmillan, London

Paper DSC 2: Economics of Growth and Development

Unit -1: Economic Development And Economic Growth: An Overview

Economic Growth and Development- Deference between Economic Growth and Economic Development- Measurement of Economic Development; Human Development Index(HDI) Gender Development Index(GDI), Gender Related Development Index; Importance of Economic Development, Characteristics of Developed and Underdeveloped Countries (LDCS), Indicators of Underdevelopment, International Income Inequality

Unit – 2: Theories Of Development And Growth Models

Classical Models-Smith, Ricardo, Malthus, Karl Marx Theory of Social Evolution, Surplus Value and Exploitation, The Marxian Dynamic Process; Neo Classical Models-Schumpeter, Harrod-Domar Model, Rostow's Stages of Economic Growth, Joan Robinsons Model of Capital Accumulation, Solows Long Run Growth Model, Kaldors Model of Growth, Lewis Model, Rosentein Rodan's Big Push Theory, Balanced and Unbalanced Growth Theory

Unit - 3: Economic Development

Determinants of Economic Development; Obstacles to Development; Role of Industry and Agriculture in Economic Development; Resources and Economic Development; Capital and Economic Development; Determinants of Capital Formation, Problems of Capital Formation in UDCs, Inflation and Economic Development International Trade and Economic Development

Unit -4: Technology and Economic Development

Role of Technology in Economic Development- Labour Intensive Technology, Capital Intensive Technology, Determinants of Capital Output Ratio - Investment Criteria in Economic Development - Dualism: Social Dualism, Technology Dualism - Role of Government in Economic Development

BOOKS FOR REFERENCE

1. Todaro M.P & Smith (2007), Economic Development in the 3rd World, Orient & Longman,
2. London.
3. Thirlwall A.P, (2000),Growth & Development, 6th Edition ,West press pvt. Ltd. New Delhi
4. Higgins Benjamin (1999),Economic Development – Theory Principles & History, W.W
5. Norton, New York.
6. Srivastava O.S (1996),Economics of Growth, Development & Planning, Vikas publication, new Delhi.
7. Meier.G.M. (1995), Leading Issues in Economic Development (6th edition), Oxford
8. University Press, New Delhi.
9. Bhagavathi J and Desai, (1970), India: Planning for Industrialization, Oxford University Press, Oxford.
10. Adelman. I (1961), Theories of Economic Growth and Development, Stanford Universities Press, Standford.
11. Agarwal and Singh (1958), The Economics of Underdevelopment, Oxford University Press, New Delhi.

Paper DSC 3 : Mathematics for Economics

Unit -1: Basics of Mathematical Economics

Meaning, Nature and scope of Mathematical Economics, Role of Mathematical Economics in Economic theory. Introduction to Elementary Algebra – The Number System, Properties of exponents- Arithmetic, Geometric Progressions and their economic applications- Concept of Equation.

Unit -2: Differential Calculus

Meaning of Differential- Rules of Differential-Higher Order derivatives- Implicit Differentiation-Maxima and minima – Application of derivatives in economics – Cost average cost marginal cost relationship, average revenue and marginal revenue relationship – Profit under monopoly – Elasticity of Demand – Constant Elasticity of Demand.

Unit -3: Partial Differentiation

Functions of two independent variables – Partial elasticity of Demand – Marginal Productivity – Euler's theorem – Constant Product Curves – Returns of Scale

Unit -4: Integral Calculus

Indefinite Integration – Applications of Integral Calculus in Economics -Marginal Revenue and marginal Cost – National Income, consumption and savings – Definite Integration –Consumer's Surplus – Producer's Surplus – Revenue versus Cost.

Books for Reference

1. Dinwiddy Caroline L. (1967) Elementary Mathematical Economists. London, Oxford University Press
2. Draper. J.E; J.S. Kingman. J.S. and Weber Jean E, (1982) Mathematical Analysis; Business and Economic applications, New York, Joannn Cotler Books.
3. Allen. R.GD (1976), Mathematical Economics, Macmillan Publishing House, London
4. Monga.G.S (1972), Mathematical and Statistics for Economists, Vikas Publishing Huse, New Delhi.
5. Dowling, Edward.(2001) Schaum's Outline of introduction of Mathematics Economics, New Delhi, McGraw- Hill Education
6. Holden, Ken and Pearson, Alan. (1992). Introductory Mathematics for Economics and Business, London, Palgrave.

Paper DSC 4: INDIAN ECONOMY

Unit -1: An Overview of Indian Economy

Characteristics of Indian Economy; Demographic Features of Indian population; Trends in the growth of National Income; Green Accounting; Structural Changes in the Economy; Poverty and Inequality; Trends in Savings, Investment and Capital Output Ratio and their Implications; India's Development Experience; Planning and Development Strategies; Planning Commission to NITI Aayog; Parallel Economy and its Implications.

Unit -2: Agricultural Sector

Agriculture-Importance; Cropping Pattern; Land Reforms; Farm size and efficiency; Agricultural Labour Problems; Mechanization and Green Revolution; Agricultural Finance and Rural Indebtedness and Farmers' Suicide; Agricultural Marketing; Agricultural Price; Agricultural Co-operatives; Technological Factor in Agriculture Growth-Seeds Fertilizers, Irrigation; Food problem and Public Distribution System; WTO and Agriculture.

Unit -3: Industrial Sector

Importance of Industrialization; Growth and Structural Composition; Structural Transformation; Small-Scale Industries- Role and Performance; Privatization and Public Sector, Private Sector Industries and their Performance and Problems; Industrial Labour; Industrial Finance; Development Banks; Capital Market; Industrial Monopoly; MRTP; New Industrial Policy; Mergers and Takeover.

Unit -4: Foreign Trade Sector

Exchange Rate policy of India; Trends in India's Foreign Trade; Balance of Payment; Problems of Policies; New Foreign Trade Policy; Export promotion V/S Import Substitution; Foreign Direct Investment in India;

Globalisation and its impact on India's Trade and Investment.

Reading List:

1. Agarwal, A.N. and Agarwal M.K. (2016): *Indian Economy: Problems of Development and Planning*, New Age International (P) Limited Publishers, New Delhi.
2. Agarwal, H. S. (2011): *Indian Economy*, Lakshmi Narain Agarwal, Agra.
3. Agarwal, R. C. (2015): *Economics of Development and Planning (2014-15)*, Lakshmi Narain Agarwal, Agra.
4. Ahluwalia, I. J. and M. D. Little (Eds.) (1999): *India's Economic Reforms and Development* (Essays in Honor of Manmohan Singh) OUP, New Delhi.
5. Brahmananda, P. R. and V. R. Panchamukhi (Eds.) (2001): *Development Experience in the Indian Economy: Inter-State Perspectives*, Bookwell, New Delhi.
6. Dhingra, I. C. (2017): *Indian Economy*, S. Chand and Company Limited, Ram Nagar, New Delhi.
7. Dreze, Jean and Amartya Sen (Eds.) (2007): *Indian Development*, Oxford University Press, New Delhi.
8. Government of India (2017): *Economic Survey of India* (Annual), Ministry of Finance, Government of India, New Delhi.
9. Jalan, B. (1996): *India's Economic Policy-Preparing for the Twenty First Century*, Viking New Delhi.
10. Misra, S. K. and V. K. Puri (2018): *Indian Economy*, Himalaya Publishing House, Mumbai
11. Rangarajan, C. (1998): *Indian Economy: Essays on Money and Finance*, UBS, New Delhi.
12. Rao, Hanumantha, C. H. and H. Linnemann (Eds.)(1996): *Economic Reforms and Poverty Alleviation in India*, Sage Publication, New Delhi.
13. Ruddar Dutt and K.P.M. Sundharam (2002): *Indian Economy*, S.

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ÉÄªÄqÄ J.«., 'MAzÄÄ, ÉÆ®Äè ÉÄÆgÄÄ, ÉÆgÄ', PÄÉÄðIPÄ, ÄAWÄ, ÝÄÄvÄÆÜgÄÄ.

ÝÄæ`sÄPÄgÄ J.J.i., 'DçªÄ' ªÄäSÄäÉÄ', °ÉÆ, ÄÝÉÄmÉ.

Alan Dundes 1978, Essays in Folkloristics, Meerut, Folklore Institute

Handoo Jawaharlal 1989 Folklore : An Introduction CIIL Mysore

Leach Maria (Ed) 1950, standard Dictionary of Folklore, Mythology and Legend Newyork

Dorson Richard (Ed) 1972 Folklore and Folklife An Introduction, Chicago University Chicago

Claus, Korom 1988 Folkloristics and Indian Folklore pub : RRC Udupi

Lord, Abbert B 1960 The Singer of Tales Cambridge Harward University

Propp.Vladimir 1984 Theory and History of Folklore University of Minnesota pres

Paper DSE 1 (a) : Agricultural Economics

Unit -1: Agriculture and Economic Development

Nature and scope of agricultural economics; Traditional agriculture and its modernization; Role of agriculture in economic development; Interdependence between agriculture and industry— some empirical evidence; Models of interaction between agriculture and the rest of the economy; Agricultural development, poverty and environment

Unit -2: Agricultural Production and Productivity

Agricultural production – Resource use and efficiency; Production function analyses in agriculture; Factor combination and resource substitution; Cost and supply curves; Size of farm and laws of returns – Theoretical and empirical findings; Farm budgeting and cost concepts; Supply response of individual crops and aggregate supply; Resource use efficiency in traditional agriculture; Technical change, labour absorption and gender issues in agricultural services

Unit -3: Agricultural Growth in India

Agricultural Production under Five Year Plans - Recent Trends in Agricultural Growth in India - Cropping Pattern Shifts - Impact of Agriculture on Industry - Diversification of Agriculture - Inter-Regional Variations in Growth, Output and Productivity - Role of Public Investment and Capital Formation in Indian Agriculture - Strategy of

Agricultural Development and Technological Progress - Sustainable Agriculture in India - Food Security: Nature of Food Problem - PDS - Right to Food.

Unit -4: Institutional and Technological Change in Indian Agriculture

Land Reforms - Land Reform Measures - Achievements and failures of Land Reforms - Problems of Marginal and Small Farmers – Technical change in Indian Agriculture – Expansion of irrigation, use of HYV seeds, fertilizers, plant protection measures, Machinery and electricity in agriculture - Soil Conservation, Dry Farming, Land Reclamation and Development -Pricing of Inputs – Subsidies.

Reading List:

1. Z Bagchi, K. K. (Ed.) (2008): *Agrarian Crisis, Farmers' Suicides, and Livelihood Security of Rural Labour in India*, Abhijeet Publications, Delhi.
2. Bhaduri, A. (1984): *The Economic Structure of Backward Agriculture*, Macmillan, Delhi.
3. Bhalla, G.S. and Gurmail Singh (2001): *Economic Liberalization and Indian Agriculture*, Sage Publication, Pvt. Ltd. Delhi.
4. Bilgrami, S.A.R. (1996): *Agricultural Economics*, Himalaya Publishing House, Delhi.
5. Dantwala, M. L. (1991): *Indian Agricultural Development since Independence*, 2nd (Revised) Edition, Oxford and IBH, New Delhi.
6. Gulati, A. and T. Kelly (1999): *Trade Liberalisation and Indian Agriculture*, Oxford University Press, New Delhi.
7. Kahlon, A.S. and Tyagi D.S. (1983): *Agriculture Price Policy in India*, Allied Publishers, New Delhi.
8. Lekhi, R.K. and Joginder Singh. (2015): *Agricultural Economics*, Kalyani Publishers, New Delhi.
9. Rao, C. H. Hanamantha (2006): *Agriculture, Food Security, Poverty, and Environment*, Oxford University Press, New Delhi.
10. Rao, C. H. Hanumatha (1994): *Agricultural Growth, Rural Poverty and Environmental Degradation in India*, Oxford University Press, New Delhi.

11. Rudra, A. (1982): *Indian Agricultural Economics: Myths and Reality*, Allied Publishers, New Delhi.
12. Saini, G.R. (1979): *Farm Size, Resource Use Efficiency and Income Distribution*, Allied Publishers, New Delhi.
13. Sankaran, S. (1973): *Agricultural Economy of India*, Progressive Corporation Private Ltd., Bombay.
14. Swaminathan, M. S. (2007): *Agriculture Cannot Wait: New Horizons in Indian Agriculture*, Academic Foundation, New Delhi.

PAPER DSE 1 (b): Economics of GENDER

Unit - 1: INTRODUCTION

BASIC CONCEPTS - DIFFERENCE BETWEEN GENDER AND SEX - PATRIARCHY - FEMINISM - SCHOOLS OF FEMINISM - GENDER DIVISION OF WORK - INVISIBILITY OF WOMEN'S WORK - GENDER MAINSTREAMING - CONCEPT OF GENDER ECONOMICS - GENDER CONCERNS IN ECONOMIC THEORY - SEN'S CONTRIBUTION.; WOMEN IN DECISION MAKING.

Unit - 2: DEMOGRAPHIC ASPECTS

Demography of Female Population, Age Structure, Mortality Rates and Sex Ratio- Causes of Declining Sex Ratios and Fertility Rates in LDCs and Particularly India- Theories and Measurement of Fertility and its Control; Women and their Access to Nutrition, Health, Education, and Social and Community Resources, and their Impact on Female Mortality and Fertility, Economic Status, and Work Participation Rate (WPR) .

Unit - 3: Economic Growth and Gender Equality

GLOBALIZATION OF THE WORLD ECONOMY AND GENDER STATUS - IMPACT OF ECONOMIC GROWTH ON GENDER EQUALITY - GENDER EQUALITY AND ECONOMIC GROWTH AND SOCIO-ECONOMIC DEVELOPMENT. IMPACT OF GLOBALIZATION ON GENDER STATUS - CONCEPT OF THE "FEMINIZATION OF POVERTY" - BASIC CAUSES - PROBLEMS OF MEASURING THE FEMINIZATION OF POVERTY - GENDER DIFFERENCES IN INCOMES - WOMEN'S CONTRIBUTION TO GDP - ESTIMATION OF WOMEN'S UNPAID WORK.

Unit - 4: Women, Technology and Environment

Impact of Technological Development and Modernization on Women's Work Participation in General and in Various Sectors such as Agriculture, Non-Agriculture Rural Activities, Small and Cottage

Industries and Organized Industry-Female Activities and Ecological and Environmental Concerns: The Two Way Relationship – Role of New Technologies for Helping Women-Provision of Information and Training for Simple Harvesting of Economic Services.

READING LIST:

1. Batliwala, S. (1993): *The Empowerment of Women in South Asia: Concepts and Practices*, Sage Publications, New Delhi.
2. Boraian, M. P. (2008): *Empowerment of Rural Women: The Deterrents and Determinants*, Concept Publishing Company, New Delhi.
3. Boserup, Ester (1970): *Women's Role in Economic Development*, St Martin's Press, New York.
4. Burra, Neera, J. D. Ranadive and R.K. Murthy (2007): *Micro-Credit, Poverty and Empowerment*, Sage Publications, New Delhi.
5. Sharma Kumud, Sujata. C. P. (2011): *Towards Equality: Report of the Committee on the Status of Women in India*, Pearson Education, New Delhi.
- GOI (1974): *Towards Equality: Report of the Committee on the Status of Women in India*, Ministry of Education and Social Welfare, New Delhi.
6. Hunt, J. (2004): Introduction to Gender Analysis Concepts and Steps, *Development Bulletin*, No. 64:100-106.
7. Irene Tinker (1990): *Persistent Inequalities: Women and World Development*, OUP, New York.
8. John, Mary E. (1996): Gender and Development in India, *EPW*, 31 (47):3071-3077.
9. Kabeer, Naila, (1995): *Reversed Realities: Gender Hierarchies in Development Thought*, Kali for Women, New Delhi.
10. Klasen, S. (2006): UNDP's Gender-Related Measures: Some Conceptual Problems and Possible Solutions, *Journal of Human*

Development and Capabilities 7 (2), pp.243-74.

11. March, C., Smyth, I. and Mukhopadhyay M. (1996): *Guide to Gender-Analysis Frameworks*. Oxfam, London.
12. Moser, A. (2005): *Gender Mainstreaming Since Beijing: A Review of Success and Limitations in International Institutions*, Routledge, New York.
13. National Commission on Women in Self Employment (1987): *Shramshakti Report*, New Delhi
14. Palanithurai, G., T.Parthiban and J. Vanishree (2007): *Empowering Women: Grassroots Experience from Tamil Nadu*, Concept Publishing Company, New Delhi.
15. Swapna, Mukhopadhyay (Ed.) (2007): *The Enigma of the Kerala Woman: The Failed Promise of Literacy*, Social Science Press, New Delhi.
16. UNDP (2006): *Human Development Report, Fighting Climate Change: Human Solidarity in A Divided World*, Palgrave, New York.
- 17.

SEMESTER II

Paper DSC 6: Macro Economic Analysis

Unit 1: National Income Accounting

Measurement of National Income and Macro Performance – National Income Accounts- Accounting Concepts & Identities measuring the cost of Living –GNP and Quality of life- Importance of National Income Analysis, Circular flow of Money, Green accounting.

Unit -2: Equilibrium Models

Classical approach – Full employment equilibrium – Policy implications and critical evaluation; Keynesian Approach – Effective Demand – Consumption Function: Debate and Evidences – Investment Function- Equilibrium Income and output – Role and critique of Keynesian Policies. Multiplier and Accelerator- Keynes's Investment Multiplier, Leakages and the Multiplier.

Unit -3: Money and Inflation

Money and Inflation: Demand for Money- Friedman, Baumol, Tobin, Patinkin's Real Balance Effect, Issues regarding endogenous and exogenous supply of money, R.B.I.'s Approach to Supply of Money Demand-Pull and Cost-Push Inflation, Calculation of Inflation, Phillips Curve Controversy, Natural Rate of Unemployment- Adaptive expectation and Rational expectation models, Lessons from the Indian Economy.

Unit -4 Theory of Business Cycles

Business cycles- characteristics of Business cycles, Phases of a Typical Business cycle, Monetary Theories of the Business cycles, Theories based on Multiplier Accelerator Interaction, Kaldor's Model of Business Cycles, Theories of Long Waves, Control of the Business Cycle. IS-LM model.

Books for References

1. Ahuja.H.L (2016), Macroeconomics , S Chand & Company
2. Jhingan M.L (2016), Macro-Economic Theory, Vrinda Publications Pvt. Ltd Delhi
3. Burda (2014), Macroeconomics, Oxford University Press
4. Seth M.L (2014), Macro Economics, Lakshmi Narain Agarwal, Agra.
5. Richard T Froyen (2005), Macroeconomics, 7th Edition, Pearson Education. Delhi.
6. Shapiro Edward (2004) Macroeconomic Analysis, Galgotia Publications Pvt Ltd, New Delhi.
7. Mankiw N Gregory (2003) Macroeconomics, Worth Publishers, New York.
8. Romer D. (2001) Advanced Macroeconomics. McGraw Hill Book Company: London,

Paper DSC 7- Public Economics

Unit – 1: Introduction

Scope and Methods of Public Economics; Functions of a Modern

State; Public goods- Pure and partial public goods, Private goods and Merit goods; Externality Theory; Fiscal functions- Allocation, distribution and stabilization role of government; Positive and Normative aspects of Public finance; Public finance vs. Private finance.

Unit – 2: Theory of Public Choice

Public Mechanisms for Resources Allocation Voting and Public Choice; Voluntary Exchange Model; Problems of Preference Revelation and Aggregation of Preferences; Demand Revealing Methods; Contributions of Clarke, Groves and Leyard; Tibout Model; Theory of Club Goods; Arrow's Impossibility Theorem; Economic Bureaucracy; Rent Seeking and Directly Unproductive Profit Seeking Activities

Unit – 3: Public Expenditure

Causes of increasing Public Expenditure; classification and effect of public expenditure; Wagner's Law of increasing state activity; Peacock-wiseman Hypothesis; Canons of public expenditure; Pure theory of Public Expenditure; Pigou and Ability to pay theory; Benefit Principle; Lindahl's Voluntary Exchange Theory; Samuelson's Pure Theory; Evaluation of Public Expenditure; Cost Benefit analysis; Estimates of Benefits and Costs;

Unit – 4: Theory of Taxation and Public Debt

Sources of Public Revenue- Direct, Indirect taxes, VAT and GST effects of tax on Production, Distribution and Economic activities; Principles of Taxation; The Benefit Principle, The Ability to pay Principle, Pigou's Principle of Least Aggregate Sacrifice; Proportional and Progressive Taxation; Taxable Capacity; Incidence of Taxation; Features of Indian Tax system; Tax Reforms in India; Public Debt- Internal and External; Sources, importance of public borrowing, effects of Public Debt, The burden of Public Debt, Issues in Debt Management in India.

Books for Reference

1. Hajela T.N (2015), Public Finance, Ane Books Pvt. Ltd., New Delhi.
2. Singh S.K (2015), Public Finance in Theory and Practice, S.Chand and Company

Ltd., New Delhi.

3. Tyagi B.P. (2015), Public Finance, Jayaprakash and company, Meerut, India.
4. Gupta Janak Raj (2007), Public Economics in India: Theory and Practice, Atlantic Publisher.
5. Anderson. John E (2003), Public Finance: Principles and Policy, Houghton Mifflin Company, Boston.
6. Challiah R. et.al. (1996), Trends and Issues in India's Federal Finance, Allied Publishers Private.Ltd. CRISIL (The Credit Rating Information Services of India Ltd.), Princep Street, Kolkata.
7. Bernand P. Herber (1994), Modern Public Finance, (5th Edition), Aitbs Publishers, East Delhi, Gurgaon.
8. Jha, R: Modern Public Economics, Routlege, London.
9. Musgravw R.A. and P.B. Musgrave (1989), Theory and Practice of Public Finance, 5th ed, Tata Mc Graw Hills.
10. Atkinson, A. B. and J. E. Stiglitz. (1980), Lectures on Public Economics, Tata McGraw Hill, New York.

Paper DSC 8 Statistics for Economics

Unit – 1: Collection of Data and Sampling

Meaning and Scope of Statistics; Primary and Secondary Data; Direct Personal Information; Indirect Oral Interview; Information Through Agencies, Mailed Questionnaires, Schedules Sent Through Enumerators, Sources of Secondary Data - Precautions in the Use of Secondary Data; Framing a Questionnaire; Basic Concepts of Sampling - Sampling Techniques

Unit -2: Classification and Tabulation

Meaning of Classification; Characteristics of Classification; Types of Classification; Frequency and Frequency Distribution Cumulative Frequencies; Statistical Series; Tabulation - Types of Tables, Characteristics of a Good Table, Difference between Classification and

Tabulation

Unit -3: Measurement Analysis

Measures of Central Tendency; Measures of Dispersion; Correlation; Regression Analysis; Probability- Elementary Concept of Probability, Theorem of addition and Multiplication and its Applications, Random Variable, Expectation of Random Variable

Unit -4: Index Numbers

Index Numbers – Problems in the Construction of Index Numbers; Laspeyres Peaches' and Fisher's Ideal Index Numbers; Wholesale Price Index Numbers and Cost of Living Index Numbers

Reading List:

1. Anderson, Sweeney & Williams (2007): *Statistics for Business & Economics*, 9th Edition, Thomson South-Western, Bangalore.
2. Bose, D. (2018): *An Introduction to Mathematical Economics*, Himalaya Publishing House, Pvt. Ltd. Mumbai.
3. Goon, A. M., M. K. Gupta and B. Dasgupta (1968): *Fundamentals of Statistics*,
4. Gupta, B.N. (1992): *Statistics Theory and Practice*, Sahitya Bhavan, Agra.
5. Gupta, S. C. (2016): *Fundamentals of Statistics*, Himalaya Publishing House, Bombay.
6. Gupta, S. P. (2014): *Statistical Methods*, S. Chand & Company, New Delhi, (43rd Edition)
7. Gupta, S.C. and Kapoor, V. K. (2016): *Fundamentals of Applied Statistics*, Sultan Chand & Sons, New
8. Mehta and Madnani (2017): *Mathematics for Economists*, Sultan Chand and Sons, New Delhi.
9. Monga, G. S. (2015): *Mathematics and Statistics for Economics*, Second Revised Edition, Vikas Publishing House, Pvt. Ltd. New Delhi.
10. Nagar, A. L. and R. K. Das (1997): *Basic Statistics*, Oxford University Press, New Delhi
11. Salvatore, D. (2015): *Mathematics and Statistics*, Schaum's Series, Tata McGraw Hill.
12. Veerachamy, R. (2005): *Quantitative Methods for Economics*, New Age International (P) Ltd., New Delhi.
13. Yamane Toro (1967): *Statistics - An Introductory Analysis*, Harper and Row Publishers, New York.

Paper DSC 9: Development of Folklore Studies

Unit 1: German

From Grimm Brothers to Contemporary Scholars

Unit 2: Finnish

from Elios Lonrot to Lauri Haunko

Unit 3: English-Scottish-Irish

Wells Newels to Contemporary Scholars

Unit 4: Other European Countries

Russia, France, Hungary

References:

1. Brunvand J. Harold 1986, *The Study of American Folklore An Introduction*, New York: W.W. Norton.
 2. Cocchiara, Giuseppe, 1971. *The History of Folklore in Europe*. Translated by John N. McDaniell. Philadelphia: Institute of Study of Human Issues.
 3. Dorson Richard M. 1968. *The British Folklorists*. Chicago: The Chicago University Press.
 4. Sadhana Naitani 1996 (?) *Folklore Research in Colonial India*.
 5. ±ÀAPÀgÀÉÁgÁAiÀÄt wÃ.ÉÀÀ. 2006, *ÿüÉÉèArÉÀ eÁÉÀÿÀzÀ «zÁéA, ÁgÀÄ, PÀÉÁðIPÀ eÁÉÀÿÀzÀ ªÄÄvÀÄÜ AiÀÄPÀëUÁÉÀ CPÁqÉ«Ä, ``ÉAUÀ¼ÀÆgÀÄ.*
 6. ÉÁªÀqÀ J.«. 1989, *eÁÉÀÿÀzÀ, ÁªÁiÁ´ÉÆÄZÁÉÁ, PÀÉÁðIPÀ eÁÉÀÿÀzÀ ªÄÄvÀÄÜ AiÀÄPÀëUÁÉÀ CPÁqÉ«Ä, ``ÉAUÀ¼ÀÆgÀÄ.*
- ®PÀÿÀàUEëqÀ JZi.eÉ. 1977, *eÁÉÀÿÀzÀ PÉÉÿr, PÀÉÀßqÀ ÿÀÄ, ÀÛPÀ ÿÁæøüPÁgÀ, ``ÉAUÀ¼ÀÆgÀÄ.*

Paper DSE 2 (a) : ECONOMICS OF HEALTH

Unit - 1: Introduction

Health Economics-Concept, Importance of Health Economics; Scope of Economics of Health; Health as Commodity; Determinants of Health– Poverty, Malnutrition and Environmental Issues; Indicators of Health; Nexus between Health and Economic Growth.

Unit -2: Demand for Health

Nature of Demand for Health, Determinants of Demand, Elasticity of Demand-Price and Income Elasticity; Models of Demand for Health

Unit -3: Supply of Health

Nature of Supply of Health; Health Production Function; Pricing of Health Care Services- Drugs, Hospitals; Cost of Health Care Services; Market Failure; Externalities and Public Goods

Unit -4: Financing and Evaluation of Health Care Services

Health Delivery Systems in India- Public and Private Financing of Health Care; Health Insurance and Co-operatives-Concept, Schemes and Progress; Expenditure on Health in India- Trends in Public and Private Expenditure; Public and Private Health Infrastructures; Evaluation of Health Services-Cost-Benefit Analysis (CBA), cost-Effectiveness Analysis (CEA), Cost-minimisation and cost-Utility analysis; Economic Reforms and Health Sector

Reading List:

1. Baru, R. U. (1998): *Private Health Care in India; Social Characteristics and Trends*, Sage Publications, New Delhi.
2. Berman, Peter (1991): *Health Economics, Health Financing and the Health Needs of Poor, Women, and Children*, Ford Foundation, New Delhi.
3. Berman, Peter and M. E. Khan (1993): *Paying for India's Health Care*, Sage Publications, New Delhi.
4. Carrin Guy (1984): *Economic Evaluation of Health Care in Developing Countries: Theory and Applications*, Croom Helm, London
5. Charles Phelps (1991): *Health Economics*, Oxford University, Press, New York
6. Charles, C. Griffin (1992): *Health Care in Asia: A Comparative Study of Cost and Financing*, World Bank
7. Cooper, M. H. and Culyer, A. J. (1973): *Health Economics*, Penguin Book Ltd, England.
8. Das Gupta, M., Chen, L. C. and Krishna, T. N (1996): *Health, Poverty and Development in India*, Oxford University Press, Delhi.
9. Gopal, K. (1982): *Economics of Health and Nutrition*, Chaugh Publishers
10. Jack, William (1999): *Principles of Health Economics for Developing Countries*, World Bank, Washington DC.
11. Morris, Stephen, N. Devlin and D. Parkin (2009): *Economic Analysis in Health Care*, Wiley India Pvt. Ltd. New Delhi.
12. Panchamukhi, P. R. (2002): *Economics of Health: An Introductory Review*, Reading Material, Indian Economic Trust
13. Panchamukhi, P. R. (1980): *Economics of Health: A Trend Report*, in ICSSR: A Survey of Research Economics, Vol. VI, Infrastructure, Allied, Delhi.
14. Prasad, Sujata and C. Sathyamala (2006): *Securing Health for All: Dimensions and Challenges*, Institute for Human Development, New Delhi.
15. Sarakar, Ashok Kumar (2005): *NGOs: The New Lexicon of Health Care*, Concept of Publishing Company, New Delhi.
16. World Bank (1987): *Financing Health Services in Development Counter:*

Paper DSE 2 (b): DEMOGRAPHIC STUDIES

Unit -1: Introduction

Meaning, Nature and Scope of Demography; Population Theories- Pre- Malthusian,

Malthusian and Post- Malthusian Theories; Theory of optimum Population; Theory of Demographic Transition.

Unit 2: Fertility and Mortality

Meaning and Measurement of Fertility, Factors Affecting Fertility in the Developed and Less Developed Countries; Mortality-Meaning and Measurement of Mortality- Factors Affecting Fertility in the Developed and Less Developed Countries; Infant Mortality-Meaning and Measurement of Infant Mortality and Factors Affecting Fertility in the Developed and Less Developed Countries.

Unit -3: Migration and Urbanization

Meaning and Importance of Migration in the Study of Population; Types and Causes of Migration – Levels, Trends and Differentials in the DCs and LDCs; Urbanization-Meaning, Process of urbanization, Reasons for Growing Urbanization and Impact of Urbanization.

Unit -4: Effects of In-migration and Out-migration

Effect of In-migration and Out-migration on the Growth of Population- Factors Affecting Migration- Theories Concerning Internal Migration-Urbanization , Todaro Model: Distribution and Growth of Urban and Rural Population in DCs and LDs; Levels and Trends of Urbanization in DCs and LDCs and Particularly in India.

Reading List:

1. Agarwal, S. N.(2016): *India's Population Problems*, Tata McGraw Hill , Bombay.
2. Bhende, A. and Kanitkar T.: *Principles of Population Studies*, Himalaya Publication House , Mumbai.
3. Bogue , D.J. (1971): *Principles of Demography*, John Wiley , New York.
4. Bose, Ashish (1974): *Pattern of Population Change in India*, Vikas Publishing House, New Delhi.
5. Choubey, P. K. (2000): *Population Policy in India*, Kanishka Publication New Delhi.
6. Choubey, P.K. (2000): *Population Policy in India*, Kanishka Publication, New Delhi.
7. Ghosh, B.N.: *Population Economics*, Deep and Deep Publications, New Delhi.
8. Government of India: *Population Census Reports: 1951 to 2011*, Government of India.
9. Hans Raj: *Fundamentals of Demography*, Surjeet Publications , Delhi.
10. Kammeyar Kenneth (Ed.) (1975): *Population Studies*, Rand McNally, Chicago
11. Mishra, B. D.: *An Introduction to Study of Population*, South Asian Publishers, New Delhi.

Paper GEC 1: INDIAN ECONOMY

Unit 1: An Overview of Indian Economy

Characteristics of Indian Economy; Demographic Features of Indian population; Trends in the growth of National Income; Green Accounting; Structural Changes in the Economy; Poverty and Inequality; Trends in Savings, Investment and Capital Output Ratio and their Implications; India's Development Experience; Planning and Development Strategies; Planning Commission to NITI Aayog; Parallel Economy and its Implications.

Unit 2: Agricultural Sector

Agriculture-Importance; Cropping Pattern; Land Reforms; Farm size and efficiency; Agricultural Labour Problems; Mechanization and Green Revolution; Agricultural Finance and Rural Indebtedness and Farmers' Suicide; Agricultural Marketing; Agricultural Price; Agricultural Co-operatives; Technological Factor in Agriculture Growth-Seeds Fertilizers, Irrigation; Food problem and Public Distribution System; WTO and Agriculture.

Unit 3: Industrial Sector

Importance of Industrialization; Growth and Structural Composition; Structural Transformation; Small-Scale Industries- Role and Performance; Privatization and Public Sector, Private Sector Industries and their Performance and Problems; Industrial Labour; Industrial Finance; Development Banks; Capital Market; Industrial Monopoly; MRTP; New Industrial Policy; Mergers and Takeover.

Unit 4: Foreign Trade Sector

Exchange Rate policy of India; Trends in India's Foreign Trade; Balance of Payment; Problems of Policies; New Foreign Trade Policy; Export promotion V/S Import Substitution; Foreign Direct Investment in India; Globalisation and its impact on India's Trade and Investment.

Reading List:

1. Agarwal A.N. and Agarwal M.K. (2016): *Indian Economy: Problems of Development and Planning*, New Age International (P) Limited Publishers, New Delhi.
2. Agarwal, H. S. (2011): *Indian Economy*, Lakshmi Narain Agarwal, Agra.
3. Agarwal, R. C. (2015): *Economics of Development and Planning (2014-15)*, Lakshmi Narain Agarwal, Agra.
4. Ahluwalia, I. J. and M D Little (Eds.) (1999): *India's Economic Reforms and Development* (Essays in Honor of Manmohan Singh) OUP, New Delhi.
5. Brahmananda, P. R. and V. R. Panchamukhi (Eds.) (2001): *Development Experience in the Indian Economy: Inter-State Perspectives*, Bookwell, New Delhi.
6. Dhingra, I. C. (2017): *Indian Economy*, S. Chand and Company Limited, Ram Nagar, New Delhi.
7. Government of India (2017): *Economic Survey of India* (Annual), Ministry of Finance, Government of India, New Delhi.
8. Hanumantha Rao C. H. and H. Linnemann (Eds.) (1996): *Economic Reforms and Poverty Alleviation in India*, Sage Publication, New Delhi.
9. Jalan, B. (1996): *India's Economic Policy-Preparing for the Twenty First Century*, Viking New Delhi.
10. Misra, S. K. and V. K. Puri (2018): *Indian Economy*, Himalaya Publishing House, Mumbai
11. Mujamdar, N. A. (2004): *Economics Reforms and Sans Development*, Academic

Foundation, New Delhi,

12. Rangarajan, C. (1998): *Indian Economy: Essays on Money and Finance*, UBS, New Delhi.
13. Rudder Dutt and K.P.M. Sundharam (2002): *Indian Economy*, S. Chand and Company Limited, New Delhi.
14. Sen, R.K. and B.Chatterjee (2001): *Indian Economy: Agenda for 21st Century* (Essay in Honour of Prof. P. R. Brahmananda), Deep & Deep, New Delhi.
15. Sundaram, K.P.M. (2004): *An Introduction to Indian Economy*, S. Chand and Company Limited, Ram Nagar, New Delhi.

III SEMESTER

Paper DSC 10 : RESEARCH METHODOLOGY

Unit -I: Introduction to Research Process

Meaning and Characteristics of Research - Planning a Research - Stages of Research - Research Problem - Theoretical Foundation - Review of Literature - Objectives - Hypotheses - Types of Research: Pure and Applied Research - Qualitative, Quantitative and Mixed - Exploratory, Descriptive, Diagnostic, Evaluation, Action and Experimental Research - Historical Research - Surveys - Case Study - Field Study; Need and Importance of Research in Economics - Applicability - Ethical issues in Research.

Unit -2: Research Design

Meaning of Research Design-Statement of Research Problem – Objectives, Scope and Time-Period of Study – Formulation of Hypotheses – Methodology – Types and Method of Collection of Data - Types of Research - Explorative, Experimental, Analytical, Case Studies

Unit – 3: Statistical Techniques for Analysis of Data

Sampling Techniques – Probability and Non- Probability Sampling – Testing of Hypothesis - 't' Test ChiTest, F Test – Application in Economic Analysis

Unit – 4: Research Report

Meaning, Purpose and Functions of a Research Report –Outline of a Research Report, Title Page, Table of Contents, Summary, Introduction, Findings, Limitations, Conclusions and Recommendations, Appendices, Guidelines for Writing the Research Report, Criteria Used for Writing the Research Report, Criteria Used for Judging the Suitability of Report for Publication.

Reading List:

1. Ahuja, Ram (2011): *Research Methodology*, Rawat Publications, New Delhi.
2. Bryman Alan (2012): *Social Research Methods*, Oxford University Press, New York.
3. Dash, Priyaranjan (2013): *Research Methodology (with SPSS)*, Vrind Publications (P) Ltd., Delhi.
4. Gupta, Shashi K. and Praneet Rangi (2017): *Research Methodology. Methods, Tools and Techniques*, Kalyani Publishers, New Delhi.
5. Kothari C. R. (2018): *Research Methodology*, New Age International Publication, New Delhi.
6. Krishnawamy, O.R. and Ranghanathan, M. (2018): *Methodology of Research in SocialSciences*, Himalaya Publishing House, Mumbai.
7. Kurian, C.T. (1973): *Research Methodology in Economics*, Institute of Development Studies, Madras.
8. Majhi, Priti and P. K. Khatua (2016): *Research Methodology. Concepts, Methods, Techniques and SPSS*, Himalaya Publishing House, Mumbai.

9. Majumdar, P.K. (2015): *Research Methods in Social Science*, Viva Books Private Limited, New Delhi.
10. Mukherjee, Neela (2002): *Participatory Learning and Action (with 100 Field Methods)*, Concept Publishing Company, New Delhi.
11. Mukherjee, Neela (2003): *Participatory Rural Appraisal and Questionnaire Survey*, Concept Publishing Company, New Delhi.
12. Mukherjee, Neela (2003): *Participatory Rural Appraisal: Methodology and Applications*, Concept Publishing Company, New Delhi.
13. Narayanasamy, N. and M. P. Boraian (2005): *Participatory Rural Appraisal: The Experience of NGOs in South India*, Concept Publishing Company, New Delhi.
14. Robert, A. Day. (2012): *How to Write and Publish a Scientific Paper*, Cambridge University Press, London.
15. Singh, Kultar (2007): *Quantitative Research Methods*, Sage Publications, New Delhi.

Paper DSC 11: INTERNATIONAL ECONOMICS

Module-1: International Trade Theories-I

Mercantilists Views on Trade - Trade based on Absolute Advantage- Adam Smith; Trade based on Comparative Advantage- David Ricardo; Mill's Reciprocal Demand; Opportunity cost trade theory; Empirical Testing of Absolute Cost and Comparative Cost.

Model-2: International Trade Theories-II

Heckscher-Ohlin-Samuelson Trade Theory; Assumptions- Factor Intensity, Factor Abundance - Factor Endowments and Heckscher-Ohlin Theorem - Empirical Test of Heckscher-Ohlin Model- Leontief Paradox - Factor Price Equalization Theorem: Stolper-Samuelson Theorem;

Economic Growth and International Trade; The Rybczynski Theorem - Technical Progress - Immiserizing Growth - Growth Changes Tastes and Trade in both Nations.

Module-3 : International Trade Theories-III

Economies of Scale, Imperfect Competition, and International Trade- New Trade Theories- Economies of Scale and International Trade, Imperfect Competition and International Trade- Trade Based on Product Differentiation ;Intra-Industry Trade- Trade Based on Dynamic Technological Differences- Costs of Transportation, Environmental Standards, and International Trade- Environmental Standards, Industry Location, and International Trade

Module-4 : International Trade Policies

Trade Restrictions; Tariffs - Partial Equilibrium Analysis of a Tariff -
The Theory of Tariff Structure - General Equilibrium Analysis of a Tariff
- The Optimum Tariff; *Non-Tariff Trade Barriers and the New Protectionism*: Import
Quotas - Voluntary Export Restraints - Technical, Administrative and other Regulations;
International Cartels and Dumping; The Political Economy of Protectionism and Strategic
Trade and Industrial Policy; Outstanding Trade Problems.

Reading List:

1. Carbough, R.J. (2017): *International Economics*, (16th Edition) International
Thompson Publishing, New York.
2. Dana, M.S. (2017): *International Economics: Study, Guide and Work Book*, (5th dition),
Rutledge Publishers, London.
3. Gita Gopinatha, Elhanan, Helpman Kenneth and Regoff (2014):
Handbook of International Economics, Elsevier Publications
4. Jackson, J. (1998): *The World Trading System*, Cambridge University
Mass.
Press,
5. Jagadish N. Bhagwati (1983): *Dependence and Interdependence* (Ed) by Gane
Grossman, Vol.2, Basil Blackwell, Oxford.
6. Kenen, P.B. (2000): *The International Economy*, (4th Edition) Cambridge University
Press, London.
7. Kindleberger, C.P. (1978): *International Economics*, (6th Edition) R.D. Irwin Homewood.
8. Krugman, P.R. and M. Obstfeld (2012): *International Economics: Theory and Policy*,
(9th Edition) Addison-Wesley Publications.
9. Metzler: *Readings in International Economic*, American Economic Series.
10. Salvatore, D. (2014): *International Economics*, (11th Edition), MacMillan Publication.
11. Soderstein, B. (1993): *International Economics*, MacMillan, London.

12. Soderstein, B. and Reed, Geoffrey (1994): *International Economics*, (3rd Edition) MacMillan, London.

13. UNCTAD: *World Investment Reports*, Various Issues.

14. Vaish, M. C. and Sudama Singh (2010): *International Economics*, (8th Edition), Oxford and IBH Publication, New Delhi.

Paper DSC 12: BASIC ECONOMETRICS

Module- 1: Introduction to Econometrics

Meaning, Nature and Scope of Econometrics; Distinction between Economics and Econometrics; Mathematics and Econometrics, Statistics and Econometrics; Methodology of Econometrics ; Types of Econometrics.

Module- 2: Simple and Multiple Regression Model

Simple Regression- Meaning, Basic Ideas, Significance of Disturbance Term. Method of Estimation:

| | | |
|---|------------------------|--|
| Ordinary Least Squares | and Maximum Likelihood | Estimation - BLUE Property - Coefficient of |
| Determination; Assumptions - | Hypothesis Testing;- | Confidence Interval and Test of Significance |
| Approach; Testing Regression Coefficients, Interpretation of Results. | | |
| Unit 3;- Dynamic Econometric Model | | |
| Partial adjustment model. Error correction mechanism, Causality test, | | |
| Module- 4: Dummy Variable and Dynamic Regression Models | | |
| <i>Dummy Variable Model</i> - Meaning, Nature, Dummy Variable Trap; Dummy Variable Model with Single Qualitative Variable, Two Qualitative Variables; Dummy Variable Model with Mixture of Qualitative and Quantitative Variables. <i>Autoregressive and Dynamic Models</i> -Role of Lag in Economics, Estimation Methods, Koyck's: | | |
| Reading List: | | |

1. Badi, H. Baltagi (2011): *Econometrics*, Springer-Verlag Berlin Heidelberg, New York.
2. Dougherty, Christopher (2011): *Introduction to Econometrics*, Oxford University Press, UK.
3. Ghosh, Sukesh K. (1991): *Econometrics-Theory and Applications*, Prentice Hall, Englewood Cliffs, New Jersey.
4. Greene, William H. (2016): *Econometric Analysis*, Pearson, New Delhi.
5. Gujarati, Damodar N., Dawn C. Porter and Sangeetha Gunasekar

(2017): *Basic Econometrics*, (5th Edition) Tata McGraw Hill Bombay.

6. Julia, Hebden (2000): *Statistics for Economics*, Heritage Publication, Oxford University.
7. Koutsoyiannis, A. (2000): *Theory of Econometrics*, (2nd Edition) MacMillan Publication, London.
8. Madani, G.M.K. (2015): *Introduction to Econometrics: Principles and Applications* (8th Edition) Principles and applications, Oxford & IBH Publishers.
9. Maddala, G. S. (2016): *Introduction to Econometrics*, Wiley India, New Delhi.
10. Ramanathan, Ramu (2015): *Introductory Econometrics with Applications*, South-Western Cengage Learning, New Delhi.

Paper DSC 13 : Folklore and Economics DEVELOPMENT

Unit-1: Folklore Studies In India

The Myths of Economic Growth (GNP): Implications for Human Development, Deconstructing the Myths and Realities of GNP, A Brief history of folklore, Growth of folklore studies in India, The nationalist period

The academic period,

Unit- 2: Sectoral Analysis

Role of Agriculture – Productivity – Cropping Pattern – Technical Changes in Agriculture – Land reforms – Pricing Policy – Role of Industry – structure and pattern – Public versus Private Sector – industrial Policy in India – role of service sector.

Unit -3: Overview of Regional Economics

Defination and Scope of regional economics – importance and Objectives – Causes for regional imbalances – measures to reduce Regional Imbalances – Regional Development and Regional Planning in India.

Unit -4: Rural Economy

Agricultural Growth and Rural Development in India – Farm and Non-Farm Interdependence – Diversification of Agriculture – Livestock and Dairying –Fishery – Non-Farm Employment in India – Trends – Size and Determinants – Rural Industrialization – Strategies and Policies

Books for Reference

1. Dr.Biradar.R.R (2009), Rural Non Agriculture Employment in India: An Analysis of Its Determinants and Impact on Poverty and Integrity, Concept Publication, New Delhi
2. Jain, Gopal Lal (1997), Rural Development , Mangal Deep Publications, Jaipur
3. Gopal Lal Jain (1997), Rural Development, Mangal Deep Publication, Jaipur
4. Vasant Desai (1988), Rural Development Issues and Problems, (Vol. I), Himalaya Publishing House, Mumbai
5. Chambers, R. (1983), Rural Development : Putting the Last First, Longman, Harlow
6. Dantwala, M.L (1973), Poverty in India: Then and Now 1870-1970, Macmillan, Mumbai
7. Dandekar, V.M. and N.Rath (1971), Poverty in India, GIPE, Pune

Paper DSE 3 (a) : ECONOMICS OF INFRASTRUCTURE

Module-1: Introduction

Meaning; Infrastructure and Economic Development; Infrastructure as a Public Good; Special Characteristics of Public Utilities – The Peak Load, Off-load Problem, Dual Principle Controversy, Economies of Scale, Pricing of Infrastructure Services; State's Role in Infrastructure Development – Rationale and Strategy.

Module-2: Economic Infrastructure

Concept and Significance; Role of Transport (Road, Air, and Marine), Communications, Irrigation, and Information in Development; Development of Economic Infrastructure in India; Sector Specific Problems – Problems of Individual Modes of Transport – Inter-modal Co-ordination; Financing and Pricing Problems

Module-3: Energy Economics

Primacy of Energy in the Process of Economic Development; Factors Determining Demand for Energy; Effects of Energy Shortages; Energy Conservation; Renewable and Non-conventional Sources of Energy; The Search for an Optimal Energy Policy in India.

Module-IV: Social Infrastructure

Concept and Significance; Social Infrastructure and Human Development; Development of Social Infrastructure in India; Financing and Pricing Problems; Sector-specific Problems – Housing, Education, Health, Drinking Water Supply and Sanitation.

Reading List:

1. Gowda, Sreenivasa, M.V. and S. Subramaniam (Eds.) (1997): *Infrastructure Development for Economic Growth*, Deep and Deep Publications, New Delhi.
2. Indian Council of Social Science Research (ICSSR) (1976): *Economics of Infrastructure*, Vol. VI, New Delhi
3. Joshi, B.N. (1990): *Infrastructure for Economic Development in India*, Ashish Publishing House, New Delhi.
4. Kessides Christine (1993): *The Contributions of Infrastructure to Economic Development: A Review of Experience and Policy Implications*, World Bank Discussion Paper No. 213.
5. National Council of Applied Economic Research (NCAER) (1996): *India Infrastructure*

Report: Policy Implications for Growth and Welfare, New Delhi

6. World Bank (1994): *World Development Report, 1994: Infrastructure for Development*, Oxford Uni. Press, New York.
7. Parikh, K.S. (Ed) (1997): *India Development Report, 1997*, Oxford University Press, New Delhi.
8. Parikh, K.S. (Ed.) (1999): *India Development Report, 1999-2000*, Oxford University Press, New Delhi.
9. Pachauri, R.K. (Ed.) (1980): *Energy Policy for India*, Macmillan, New Delhi.
10. Guru, D.D. and A
- 11.. Qamar (1988): *Energy and Economic Development*, Sage Publications, New Delhi
12. Tilak, J.B.G. (1994): *Education for Development of Asia*, Sage Publications, New Delhi.
12. World Bank (1983): *World Development Report, 1983. Investing in Health*, Oxford University Press, New York.

Paper- DSE (b) : Rural Development and Co-Operation

Module-I: Introduction

Concept of Co-operation - Definition - Scope - Importance of Co-operation - Economic Benefits, Social Benefits, and Moral Benefits of Co-operation - Evolution of Co-operation - Principles of Co-operation - A Critical Evaluation of Co-operative Principles – Co-operative Values.

Unit -1: Rural Development Theories and Approaches

Meaning and Objectives of Rural Development - Indicators of Rural Development – Characteristics of Rural Economy – Social, Political and Economic Characteristics - Unbalanced Growth Theory – Growth Pole Theory, Dualistic Models of Development – Approaches to Rural Development in India – Community Development Approach -Target Area Approach - Integrated Rural Development Approach - Institutional Approach – Land Reforms and Rural Development in India

Unit -2: Poverty and Unemployment

Rural Poverty – Concept, Causes and Measurement – Income and Non Income Indicators of Poverty, Extent of Poverty; Depletion of Face to Face Economy, Rural Industries, Subsistence Agriculture – Rural Unemployment – Concept – Types, Causes and Extent – Regional Disparity – Causes – Review of Poverty Alleviation and Employment Generation Programmes in India Role of Panchayats in the Implementation of Government Policies and Rural Development

Unit -3: Diversification of Rural Economy

Agricultural Growth and Rural Development in India – Farm and Non-Farm Interdependence – Diversification of Agriculture – Livestock and Dairying –Fishery – Non- Farm Employment in India – Trends – Size and Determinants – Rural Industrialization – Strategies and Policies, Contract Farming

Unit -4: Rural Development and Co-Operation

Meaning of Co-operation, Brief History of Co-operation - Basic Values , Principles and Objectives of Co-operation - Role and Importance - Functions of Co-operatives; Forms of - Co-operative Societies - Credit and Non Credit Societies

Books for Reference

1. Jain, Gopal Lal (1997), Rural Development , Mangal Deep Publications, Jaipur
2. Gopal Lal Jain (1997), Rural Development, Mangal Deep Publication, Jaipur
3. Vasant Desai (1988), Rural Development Issues and Problems, (Vol. I), Himalaya Publishing House, Mumbai

4. Chambers, R. (1983), *Rural Development : Putting the Last First*, Longman, Harlow
5. Dantwala, M.L (1973), *Poverty in India: Then and Now 1870-1970*, Macmillan, Mumbai
6. Dandekar, V.M. and N.Rath (1971), *Poverty in India*, GIPE, Pune
7. Ajit Kumar N.: *Co-operation*, Himalaya Publishing House, Mumbai,
8. Bedi, R. D. (1980): *Theory, History and Practice of Cooperation*, Loyal Book Depot, Meerut.
9. Hajela, T. N.(1994): *Co-operation: Principles, Problems and Practice*, Konark Publishers, New Delhi.
10. Krishnaswamy, O. R. and Kulandhiswamy V. (2000): *Co-operation: Concept and Theory*, Arudra Academy, Coimbatore, Tamil Nadu.
11. Mathur, B.S.(1994): *Co-operation in India*, Sahitya Bhawan, Agra.
12. Sharada, V. (1986): *Theory of Co-operation*, Himalaya Publishing House, Bombay.

Paper GSE 2: KARNATAKA ECONOMY

Module-I: Introduction

Karnataka in the Indian Economy; Natural Resources; trends in state per-capita income; Net District; Indicators of Economic Development; ; Indicators of Human Development.

Module-II: Agricultural Development

Land Use Pattern in Karnataka-Trend in Area, Production, Major Crops-

Regional Pattern of agriculture Production-Horticultural/Plantation Crop, Vegetables-Fruits-Floriculture-Sericulture-Live Stock Economy-Agricultural Marketing-Agricultural Finance- Agriculture Prices-Agrarian Crisis.

Module-III: Industrial Development

Industrial Structure (Major, Medium and MSMEs) - policies and programmes- Industrial Finance-Co-operatives commercial Banks-RRB's-KSFC, SIDRP and KSIIDC.

Module-IV: Infrastructure Development

Present State of Development; Economic Infrastructure-Irrigation, Power, Transport and Communication; Social Infrastructure-Education and Health; Planning for Infrastructural Development.

Module-V: Regional Disparities and State Finance

Position and Extent, Causes and Consequences; the causes for backward area; criteria for Identification of Backward areas; Measures to reduce imbalance; Trends in sources of Finance; Revenue and non Revenue sources; Sharing of Central Taxes and Grants-in-Aid; Trends in Expenditure Pattern Development or non-development; Trends in indebtedness of the state.

Reading List:

1. Government of Karnataka (2005): *High Power. Committee for Redressal of Regional Imbalances (HPCRR)*, Government of Karnataka, Bangalore
2. Government of Karnataka (2015): *Human Development: Performance of District, Taluks and Urban Local Bodies in Karnataka, 2014: A Snapshot*, Planning, Programme Monitoring and Statistics Department of Government of Karnataka, Bengaluru (<http://planning.kar.nic.in> – Human Development Division).
3. Government of Karnataka: *Economic Survey of Karnataka*, Government of Karnataka (Various Annual Reports) (<http://planning.kar.nic.in>)

4. Gowda, Sreenivasa and T. Nanjegowda: *Economic Development of Karnataka: Leading Aspects*.
5. Heggade, Odeyar D: *Karnataka Economy*:
6. Madaiah M. (1989): *Karnataka Economy: Growth, Issues and Lines of Development*, Himalaya Publishing House, Mumbai.
7. Madaiah, M. and R. Ramapriya (1989): *Karnataka Economy: Growth, Issues and Lines of Development*, Himalaya Publishing House, Delhi.
8. Puttaswamaiah, K, (1980): *Economic development of Karnataka: A Treatise in Continuity and Change*, Oxford and IBH Publication.
9. Rao, Hemalatha (1984): *Regional Disparities and Development in India*, Ashish Publishing House, New Delhi.

SEMESTER IV
Paper DSC 14: INDIAN PUBLIC FINANCE

Unit 1 I: Public Revenue

Sources of Revenue-Tax and Non-Tax Revenue; Trends and Patterns of Tax Revenue– Direct and Indirect Taxes; Direct Tax Code; Indirect Taxes – Goods and Services Tax (GST)-Objectives, Classification of GST, Tax Rates, Trends and Patterns of GST and Impact of GST on Indian Economy; Tax Reforms in India-Review of Earlier Committees and Evaluation of Kelkar and Chellaiah Committees; Agricultural Taxation- Importance of Agricultural Taxation - Present Position of Agricultural Taxation - Burden of Agricultural Taxation in India and Proposals – K. N. Raj Committee Report 1972.

Unit 2 : Public Expenditure and Debt

Structure and Trends in Public Expenditure of Central and State Governments, Causes for Increase in Public Expenditure; Expenditure Control and Accountability – Fiscal Responsibility and Budget Management (FRBM) Act; Issues in Public Expenditure- Equity, Efficiency, Welfare and Social Security; Impact of Public Expenditure on Indian Economy; Recommendations of Expenditure Reforms Commission (ERC) in India. Sources of Public Debt - Internal and

External - Burden of Public Debt- Public Borrowings and Crowding out of Private Investment; Trends, Structure and Redemption of Public Debt in India.

Unit 3 : Budget and Fiscal Policy

Classification of Budgets and Budget Preparation - Budgetary Deficits: Concepts, Significance and Estimation; Deficit Financing – Methods and Implications; Government Accounting – Techniques of Budgetary Control; Analysis of Current Budget; Fiscal Policy – Objectives, Techniques and Targets of Fiscal Policy, Interdependence between Fiscal and Monetary Policies, Fiscal Policy and Stabilisation; Automatic and Discretionary Stabilisation- Long term Fiscal Policy.

Unit 4 : Fiscal Federalism

Principles of Federal Finance- Fiscal Federalism in India- Assignment of Functions and Sources of Revenue – Constitutional Provisions; Finance Commissions and Devolution of Resources- Grants –in-aid- Resource Transfer from Union to States and Local Bodies- Criteria for Transfer of Resources; Centre – State Financial Relations in India – Problems of States Resources and Indebtedness.

Reading List:

1. Annigeri, V. B., R. S. Deshpande and Ravindra Dholakia (Eds.) (2018): *Issues in Indian Public Policy*, Springer, Singapore.
2. Bagchi A. (2005) : *Readings in Public Finance*, Cambridge University Press, New Delhi
3. Bhatia, H. L. (2015): *Public Finance*, Vikas Publishing House Pvt. Ltd., New Delhi.
4. Chand, S. N. (2013): *Public Finance*, Atlantic Publishers and Distributors (P) Ltd., New Delhi.
5. Government of India: *Annual Budget Reports*, Ministry of Finance, New Delhi.

6. Jha, Rajesh K. (2012): *Public Finance*, Pearson Education House Ltd., Delhi.
7. Lekhi, R.K. and Joginder Singh (2015): *Public Finance*, Kalyani Publishers, NewDelhi.
8. Malhotra, Rajeev (2014): *India Public Policy Report 2014*, Oxford University Press, New Delhi.
9. Om Prakash (2016): *Public Economics: Theory and Practice*, Vishal Publishing Co. Jalandhar-Delhi.
10. Rao, Govind (2010): *Public Finance: Theory and Practice Essay in Honour of A.Bagchi*, Sage Publications, New Delhi.
11. Ray, Partha (2013): *Monetary Policy*, Oxford University Press, New Delhi.
12. Singh, S.K. (2015): *Public Economics: Theory and Practice S. Chand and Co., New Delhi.*
13. Tyagi B.P. and H. P. Singh (2016): *Public Finance*, Jayaprakashnath and Company, Meerut, India.

Paper DSC 15 : ENVIRONMENTAL ECONOMICS

Unit 1 : Elements of Economics of Environment

Meaning, Nature and Scope of Environmental Economics; Elements of Ecology; Interaction between Ecological and Economic Systems; Environment-Development-Poverty Nexus; Sustainable Development-Concept and Operationalisation

Unit 2 : Economics of Natural Resource Use

Resource Taxonomy; Economics of Exhaustible Resources- Scarcity Rents, Hotelling's Theory of Optimum Depletion and Recent Developments; Economics of Renewable Resources; Resource Scarcity as Limits to Growth; Pricing of Resources; Energy and Economic Development; Loss of Bio-diversity

Unit 3 : Environmental Regulation

Market Failures - Externalities – Meaning and Types - Divergence between Social Cost and Private Cost - Market Failure – Internalization of Externalities - Pigouvian Solution - Coase's Theorem and Its Critique - Property Rights Collective Action – Public Goods and Externalities - Free Rider Problem – Tragedy of the Commons; Theory of Environmental Regulation- Command and Control Versus Market Based Instruments, Standards, Quotas, Tradable Permits;

Unit 4 : Environmental Pollution and Management

Extent, Causes and Consequences of Degradation of Land, Water, Forests and Air; Common Property Resources – Contributions and Management; Pollution Abatement; Climate Change- Extent, Impact, Adjustment and Mitigation; Issues in International Trade and Environment; People's participation in management of natural resources (water and trees); Environmental Regulation System in India- Design, Monitoring and Enforcement; Environmental Ethics

Reading List:

1. Barry C. Field, Martha K. Field. (2013): *Environmental Economics - An Introduction*, The McGraw-Hill Co., New York.
2. Baumol, W.J. and W.E. Oates (1998): *The Theory of Environmental Policy*, Cambridge University Press, Cambridge.
3. Bhattacharya, R. N. (Ed.) (2001): *Environmental Economics: An Indian Perspective*, Oxford University Press, New Delhi.
4. Chopra, Kanachan and C. H. Hanamantha Rao (2007): *Growth, Equity, Environment and Population*, Sage Publications, New Delhi.
5. Daly, H.E. (1999): *Ecological Economics and Ecology of Economics: Essay and Criticism*, Edward Elgar, Cheltenham, UK, Northampton, MA, USA.
6. Hanley, N., J. F. Shogren, White, B. (2001): *Introduction to Environmental Economics*, Oxford University Press, New Delhi.
7. Hanley, N., J. F. Shogren and B. White: *Environmental Economics*, Macmillan, New Delhi.
8. Hartwick, J. M and N. Olewiler (1986): *The Economics of Natural Resource Use*, Harper and Row Publishers, New York.
9. Karpagam, M. (2012): *Environmental Economics: An Introduction*, Sterling Publishers, New Delhi.
10. Kerr and Others (Eds.)(1997): *Natural Resource Economics: Theory*

and Applications for India, Oxford University Press, New Delhi.

11. Rangarajan C. (1998): *Indian Economy: Essays on Money and Finance*, UBS, New Delhi.

12. Sen, R. K. and B. Chatterjee (2001): *Indian Economy: Agenda for 21st Century* (Essay in Honour of Prof. P.R. Brahmananda), Deep & Deep, New Delhi.

13. Sengupta, R. (2003): *Ecology and Economics*, Oxford University Press, New Delhi.

14. Shankar, U. (Ed.) (2001): *Environmental Economics*, (Readers in Economics) Oxford University Press.

15. Singh, Katar and Anil Shishodia (2007): *Environmental Economics; Theory and Applications*, Sage Publications, New Delhi.

16. Sinha, Udai Prakash (2007): *Economics of Social Sector and Environment*, Concept Publishing Company, New Delhi.

17. Tietenberg, T., Lynne Lewis. (2016): *Environmental and Natural Resource Economics*, 10th Edition, Pearson Education House, London.

18. World Bank (1992): *World Development Report, 1992. Environment and Development*, Oxford University Press, New Delhi.

Paper DSC 16 : INDUSTRIAL ECONOMICS

Unit 1 : Framework and Problems of Industrial Economics

Concepts and Organization of Firm; Ownership, Control and Objectives of the Firm; Passive and Active Behavior of the Firm; Market Structure; Product Differentiation; Entry Conditions; Economies of Scale; Market Structure and Profitability; Theories of Industrial Location; Weber and Sergeant Florence; Factors Affecting Location.

Unit 2 : Market Conduct and Performance

Product Pricing; Marginal Costing; Administered Pricing; Theories and Evidence; Investment; Expenditure; Theories and Empirical Evidence on Mergers and Acquisitions; Diversification, Size and Growth of a Firm; Growth and Profitability of a Firm; Constraints on Growth, Productivity, Efficiency and Capacity Utilization; Concept and Measurement.

Unit 3 : Indian Industrial Growth and Pattern

Classification of Industries; Industrial Policy in India; Role of Public and Private Sector; Recent Trends; Multinational Corporations and Transfer of Technology. Liberalisation and Privatization, Regional Industrial Growth in India; Industrial Concentration and Remedial Measures; Issues in Industrial Pollution and Environmental Preservation, Pollution Control Policies; Industrial Sickness.

Unit 4 : Industrial Finance

Role, Nature, Value and Types of Institutional Finance; IDBI, IFCI, ICICI, SFCs, SIDBI, and

Commercial Banks. Profit and Loss Account; Assessment of Financial Soundness and Ratio Analysis.

Reading List:

1. Ahluwalia, I. J. (1985): *Industrial Growth in India*, Oxford University Press, New Delhi.
2. Barthwal, R. R. (1985): *Industrial Economics*, Wiley Eastern Ltd., New Delhi.
3. Cherunilam, F. (1994): *Industrial Economics: Indian Perspective*, (3rd Edition), Himalaya Publishing House, Mumbai.
4. Dasai, B. (1999): *Industrial Economy in India*, (3rd Edition), Himalaya Publishing House, Mumbai.
5. Divine, P.J. and R. M. Jones et.al. (1976): *An Introduction to Industrial Economics*, George Allen and Unwin Ltd., London.
6. Government of India (2017): *Economic Survey of India (Annual)*, Ministry of Finance, Government of India, New Delhi.
7. Hay, D. and D.J. Morris (1979): *Industrial Economics: Theory and Evidence*, Oxford University Press, New Delhi.
8. Kuchhal, S.C. (1980): *Industrial Economy of India*, (5th Edition), Chaitanya Publishing House, Allahabad.
9. Reserve Bank of India: *Report on Currency and Finance (Annual)*, Reserve Bank of India.
10. Singh, A. and A.N. Sadhu (1988): *Industrial Economics*, Himalaya Publishing House, Bombay

Paper DSC 17 : RURAL DEVELOPMENT

Unit 1: Nature and Scope of Rural Development

Need for Rural Development; Concept, Objectives and Indicators of Rural Development; Characteristics of Rural Economy; and Rural-Urban Linkage

Unit 2 I: Theories and Approaches to Rural Development

UNBALANCED GROWTH THEORY; DUALISTIC MODELS OF DEVELOPMENT- LEWIS MODEL AND FEI AND RANIS MODEL; APPROACHES TO RURAL DEVELOPMENT IN INDIA

Unit 3 : Poverty and Unemployment in Rural India

Rural Poverty-Concept, Poverty Line, Measurement, Poverty Trends, Regional Pattern of Poverty and Causes of Poverty; Unemployment- Concept, Measurement, Trends, Regional Pattern and Causes of Unemployment; Review of Current

Poverty Alleviation and Employment Generation Programmes in India.

Unit 4: Transferring Rural Economy

Importance of Agriculture and Allied Activities in Rural Development; Rural Non-Agricultural Employment in India- Importance, Growth, Regional Pattern and Determinants; MSMEs- Concept, Classification Importance, Progress, Problems and Remedial Measures; Rural Industrialisation-Importance, Programmes, Progress and Problems of Small- Scale Industries (SSI) and Remedial Measures

Reading List:

1. Biradar, R. R. (2012): *Incidence of Poverty among Social Groups in Rural India: Why do the Poorer Remain Poor?*, Institute for Social and Economic Change (ISEC), Bangalore.
2. Biradar, R.R.(2009): *Rural Non-Agricultural Employment in India: An Analysis of Its Determinants and Impact on Poverty and Inequality*, Concept Publishing Company, New Delhi
3. Chambers, R. (1983): *Rural Development: Putting the Last First*, Longman, Harlow.
4. Dandekar, V.M. and N. Rath (1971): *Poverty in India*, GIPE, Pune.
5. Dantwala, M. L. (1973): *Poverty in India: Then and Now, 1870-1970*, Macmillan, Bombay.
6. Dantwala, M. L. and Others (Ed) (1986): *Indian Agricultural Development since Independence: A Collection of Essays*, Oxford and IBH Publishing Co.Pvt. LTd. New Delhi.
7. Desai, Vasant (2015): *Rural Development*, Himalaya Publication, Mumbai.
8. Gupta. K .R. (Ed) (2003): *Rural Development in India*, Atlantic Publishers and Distributors, New Delhi.
9. Jain, Gopal Lal (1997): *Rural Development*, Mangal Deep Publications, Jaipur,.

10. Maheshwari, S. R. (1985): *Rural Development in India*, Sage Publications, New Delhi.
11. Satya Sundaram, I. (2015): *Rural Development*, Himalaya Publishing House, Delhi.
12. Singh, Katar (1986): *Rural Development: Principles, Policies and Management*, Sage Publications, New Delhi, (Second Edition).
13. Srinivasan, T. N. and P. K. Bardhan (Eds.) (1974): *Poverty and Income Distribution in India*, Statistical Publishing Society, Calcutta.
14. Prasad, B. K. (2003): *Rural Development: Concept, Approach and Strategy*, Sarup and Sons, New Delhi.
15. Moni, M. and Suresh Misra (2009): *Rural India: Achieving Millennium Development Goals and Grassroots Development*, Concept Publishing Company, New Delhi.
16. Mondal, Sagar and G. L. Ray (2011): *Rural Development*, Kalyani Publishers, New Delhi.
17. Saminathan, M. S. (2010): *Integrated Rural Development*, Concept Publishing Company, New Delhi.

Paper DSE 4 (a) : REGIONAL ECONOMICS

Unit 1 : Introduction

Definition and Scope of Regional Economics - Regional Economics as an Independent Field of Academic Enquiry; Region-Concept, Types of Region, Importance of Regionalization, Approaches to Regionalization, Globalization and Regionalization and Indicators of Regional Development.

Unit 2 : Inter-regional Differentials in India's Development

Regional Characteristics in India and Imbalances; Agriculture; Industry; Physical Infrastructure; Social Sector; Role of Planning Commission

and Finance Commission in Reducing Regional Imbalances;
Liberalization and Regional Imbalances.

Unit 3 : Regional Economic Policy and Regional Planning

Importance and Objectives of Regional Economic Policy - Formulation of Regional Economic Policy Tools and Techniques - Implementation Mechanism and Limitations; Regional Planning - Backward Area Development Programmes - Institutional and Policy Framework for Removal of Regional Disparities - New Economic Policy and Regional Disparities.

Unit 4 : Regional Disparities in Karnataka

Trends in the Level of Development and State Income; Inter-District Variations in the Rate of Development and Per Capita Income; Regional Disparities in Agriculture and Irrigation Development; Regional Disparities in Industrial Development and Industrial Dispersal Policies; Incentives for Development of Industries in Backward Areas; Banking and Regional Development; Economic Infrastructure and Regional Development.

Reading List:

1. Beckman, M. (1969): *Location Theory*, Random House, London.
2. Bhalla, G.S. and Y. K. Alagh (1989): *Performance of Indian Agriculture: A District-wise Study*, Sterling, New Delhi.
3. Brahmananda, P.R. and V.R. Panchamukhi (Eds.)(2001): *Development Experience in the Indian Economy: Inter-State Perspectives*, Bookwell, Delhi.
4. Dadibhavi, R. V. (1986): *Income, Productivity and Industrial Structure*, Chugh Publications, Allahabad.
5. Dholakia, R.H. (1985): *Regional Disparity in Economic Growth in India*, Himalaya Publishing House, Bombay.
6. Hansen, N.M. (1974): *Public Policy and Regional Economic Development: The Experience in Nine Western Countries*, Ballinger, Massachusetts.

7. Hooverm, E.N. (1974): *An Introduction to Regional Economics*, Alfred.A.Knopf, New York.
8. Isard, W. (1960): *Methods of Regional Analysis*, MIT Press, Cambridge, Mass.
9. Nair, K.R.G. (1982): *Regional Experience in a Developing Economy*, Wiley; Eastern, New Delhi.
10. Pande (1969): *Report of the Working Group on Identification of Backward Areas*, GOI, Planning Commission.
11. Rao, H. (1984): *Regional Disparities and Development in India*, Ashish Publishing House, New Delhi.
12. Richardson (1973): *Elements of Regional Economics*, MacMillan London.
13. Richardson, H.N. (1969): *Regional Economics*, Weidenfield & Nicolson, London.

Paper DSE 4 (b): HUMAN RESOURCE MANAGEMENT

Unit 1: Introduction

CONCEPT OF HRM- MEANING, OBJECTIVES, SCOPE AND ITS IMPORTANCE; ECONOMIC AND NON-ECONOMIC FACTORS AND THEIR INTERACTIONS, DISTINCTION BETWEEN HUMAN RESOURCE AND NON-HUMAN RESOURCE

Unit 2: Functions of HRM

FUNCTIONS OF HRM; PLANNING, RECRUITMENT AND SELECTION, TRAINING AND DEVELOPMENT, COMPENSATION, WELFARE AND INDUSTRIAL RELATION FUNCTIONS

Unit 3: HUMAN RESOURCE PLANNING

HUMAN RESOURCE PLANNING (HRP): DEFINITION, NEED AND PROCESS OF HRP, RESPONSIBILITY FOR HRP, JOB – ANALYSIS AND ITS COMPONENTS.

Unit 4: APPRAISAL

PERFORMANCE APPRAISAL: NEED AND SIGNIFICANCE- SETTING EMPLOYEES PERFORMANCE, OBJECTIVES AND GOALS; CREATING ORGANIZATIONAL CONDITIONS FOR IMPROVING EMPLOYEE PERFORMANCE.

READING LIST:

1. ASWATHAPPA, K. (2000): *HUMAN RESOURCE AND PERSONALMANAGEMENT*, TATA MC GRAW HILL, NEW DELHI.
2. DANIEL, GOLEMAN (2009): *EMOTIONAL INTELLIGENCE*, BLOOMSBURY PUBLISHING, LONDON.
3. DAVID, FORTANA (1991): *STRESS MANAGEMENT*, WILLEY.
4. HOLLOWAY, J. (2000): *PERFORMANCE MEASUREMENT AND EVALUATION*, SAGE

PUBLICATIONS, NEW DELHI.

5. JIM MATHEWINAN (2000): *HUMAN RESOURCE PLANNING*, JAICO PUBLISH HOUSE, BANGALORE. *PROFITS*, 8TH EDITION, MCGRAW-HILL/IRWIN, BOSTON
6. SHANKAR, DIGAMBAR BAGADE (2000): *TIME MANAGEMENT*, HIMALAYA PUBLISHING HOUSE, NEW DELHI.
7. WAYNE, F. CASCIO (2010): *MANAGING HUMAN RESOURCES:PRODUCTIVITY, QUALITY OF WORK LIFE*,

GUIDELINES FOR PROJECT WORK FOR MA ECONOMICS PROGRAMME

Purpose:

The students are expected to undertake a project work as a part of their MA program during the IV Semester and submit a dissertation. It is an initiative to train the students in application of the 'Economic Theory' that they have learnt in the course of their degree and post-graduate study. It is also an attempt to bridge the gap between knowledge and application which enables students to gain insights and exposure to the live problems of the society. It serves the twin purposes of providing critical economic thinking on the part of the students, and the society is provided with graduates who can understand, analyze and provide policy advice on socio-economic issues.

Objectives:

The objectives of the project programme are to:

- i. Train the students to apply theoretical concepts to real life situations and problems;
- ii. Sharpen the domain knowledge of students and improve their cross functional skills.
- iii. Enable students discover their professional strengths and weaknesses and prepare them to face the changing socio-economic and business environment;
- iv. Prepare students to manage resources, work under deadlines, identify and carry out specific goal oriented tasks;

v. Create awareness about research issues in Economics and enable them to carry out independent research.

- A. **Nature of project work:** The student will have to identify a topic for the project work according to his/her interest, preferably in the area of his/her specialization, in consultation of the Guide. No two students of the department shall work on the same topic in the same organization. It is advisable to take up field based research in different sectors of the economy.
- B. **Duration of project work:** The project work shall be for a period of 16 weeks of the IV Semester. Students, in consultation with their guides, should undertake the project work, which includes identifying and finalization of the topic, review of literature, collection and analysis of data and submission of the dissertation.
- C. **Guide:** The guide for the project work shall necessarily be a full-time faculty member teaching to post-graduate students. The student is expected to be in continuous interaction with guide during the course of the project work and shall be wholly responsible for completion of the project work within time.

D. Schedule for the Project Work

| Activity | | Time-line | Remarks |
|--|-------------------------|---|---|
| Problem Identification | Literature/consultation | First week | Student identifies problem for his/her study, in consultation with the guide. |
| | | 2 nd to 4 th week | Finalization of the problem with justification |
| Research design and Synopsis preparation | | 5 th week | Finalization of the research design and preparation of synopsis incorporating the objectives, methodology and chapter |

| | | | | | |
|------------------------------|-----------|--------|--------------------------------------|--|---|
| ation | | | | | scheme |
| | | | | | |
| | | | | | The guide shall review and finalize the synopsis, |
| Presentation of the Synopsis | | | 6 th week | | which is a 3-5 pages hard copy document to be submitted to the Chairman with the signature of |
| | | | | | Guide and the Student. |
| Data | collectio | an | 7 th to 9 th | | Data to be collected, edited, coded, tabulated and |
| proces | | | week | | prepared for analysis with the guide's suggestions. |
| | | | | | Students are expected to use appropriate |
| Data | | | 10 th to 12 th | | statistical tools and techniques for analyzing the |
| Analysis | | | week | | data. |
| Finaliz | a | Submis | 12 th to 16 th | | Presenting the results in a standard |
| ation | n | sion | week | | format after |
| of | | | | | |
| dissertatio | | | | | due consultation with the guide. |
| n | | | | | |

E. Dissertation and Submission:

- a. **The dissertation shall be prepared using MS word processor** with Times New Roman font sized 12, on a page layout of A4 size with 1" margin on all three sides and 1.5" on the left, with double line spacing and printed only on one side of the paper. The dissertation shall be approximately of 100 pages, with about 75 pages of text material.
- b. The dissertation shall be submitted in a hard bound copy.
- c. Students shall also submit a soft copy of the dissertation [CD], preferably a PDF version.
- d. The dissertation shall be submitted to the Chairman and to the Co-ordinator of P.G. Programme or the Principal of the college where **Master of Arts in Economics** program is offered. Colleges in turn shall submit all the reports and CDs of their students

along with a consolidated master list containing examination register number, name of the student, and title of the dissertation to Registrar (Evaluation) before the commencement of IV Semester theory examinations.

F. Publication:

Students are expected to present their research findings in seminars/conferences/ technical events/fests or publish their research work in journals in association with their guide with Karnataka Folklore University, Gotagodi affiliation tag. Appropriate weightage should be given to this in the evaluation of the dissertation.

Evaluation:

- a) **Evaluation:** The dissertation shall be evaluated for 50 marks by an external examiner and viva-voce examination for 25 marks, which shall be conducted in respective centers. The guide is expected to evaluate the work of the student for 25 marks (internal assessment).
- b) **Viva-voce/Presentation:** A viva-voce examination will be conducted for 25 marks at the respective department/college/centre. Each student is expected to give a presentation of his/her work.
- c) The Chairman of the Department and an expert appointed by the University who should be at Professor or Associate Professor level faculty will conduct the viva-voce examination. The respective guides shall also be in the examination board. The colleges/P.G. Centers shall make arrangements for such examination including the payment of TA, DA and Honorarium to outside examiners.

G. Marks allocation for Dissertation:

| Sl.No | Aspects | Marks |
|-------|------------------------------|-------|
| 1 | Introduction and Methodology | 05 |

| | | |
|---|--|-----------|
| 2 | Profile of the study area/ Background | 05 |
| 3 | Theoretical Background of the Study | 05 |
| 4 | Research Design | 05 |
| 5 | Data Analysis and interpretation | 15 |
| 6 | Presentation of the findings | 15 |
| | Total | 50 |

E. Viva-voce Examination for 25 Marks

| Sl.No | Aspects | Marks |
|-------|---|-----------|
| 1 | Presentation and Communication Skills | 03 |
| 2 | Domain Knowledge | 03 |
| 3 | Research Design and application of quantitative tools | 04 |
| 4 | Results and suggestions | 05 |
| 5 | Presentations/Publications | 05 |
| | Total | 20 |

H. Formats:

i. Synopsis:

| | |
|----------|---|
| Page 1 | Title, contact addresses of student - with details of the Guide |
| Page 2-3 | Introduction with objectives, Review of relevant literature, objectives, hypothesis, methodology expected results |
| Page 4 | Time-Activity Chart |

i. **FORMAT OF DISSERTATION REPORT**

a. **COVER PAGE**

(Title of the Report in Capital Letters)

BY

(Student Name)

(Exam Regn.No.)

*Submitted to Department of Economics Karnataka Folklore University Gotagodi, Shiggon,
Haveri Dist*

| | | |
|--|---|----------------|
| | Question Paper | |
| | All the Papers will have the same pattern of the Question | |
| | The question paper has 3 parts –A, B and C. | |
| | Time Duration =3hrs | Max. Marks =70 |

Part-A

Short Answer questions

The Students will be asked to 05 questions out of 08 questions (Marks 2 each
x 05 questions) Total Marks=10

Q 1.

A

B
C
D
E
F
G

h

Part-B

Medium Answer questions

The students will be asked to answer 4 questions out of 6 questions. (Marks 5
each x 4 questions)
Total Marks=20

Q 2.

A

B
C
D
E
F

Part-C

Long Answer questions

The students will be asked to answer 4 questions out of 6 questions (Marks 10
each x 4 questions) Total
Marks=40

Q 10.

A

B
C
D
E
F

-

