

# **PROGRAMME GUIDE**

## **B. A. (Honours) Economics**



**Indira Gandhi National Open University  
New Delhi**

**Printed study material is our mainstay in learning paradigm. Our study material is prepared by a team of experts keeping in view the interest of the learner. Each course has a course Expert Committee with distinguished academics and professionals involved in the course preparation. The course material is written in such a manner that the learners can study it by themselves with a little assistance from our Academic Counsellors at the Study Centres. Further, text books and reference books are available in the libraries attached to the Study Centres and Regional Centres. Therefore, there is no need for any cheap or condensed guides for pursuing courses of IGNOU. In fact these may harm the learners. The University strongly advises the learners not to take recourse to such type of guides available in the market.**

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January, 2020

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*Further information about the Indira Gandhi National Open University courses may be obtained from the University's office at MaidanGarhi, New Delhi-110 068.*

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Dear Learner,

Welcome to IGNOU and the degree programme: B. A. Economics (Honours) [BAECH]. As you have joined one of the world's largest university imparting education through Open and Distance mode, it is necessary that that you are well aware of the university and how it functions. You will also be keen to know in some detail about the programme you have joined and the way in which the university imparts instruction. This Programme Guide gives you the necessary information that will help you in knowing the university and pursuing the programme. We therefore advice you to **keep this Programme Guide safely till you complete the Programme.**

**Part I** of this Programme Guide gives you the 'Programme Details' in terms of The University, B. A. Economics (Honours) Programme, Planning your Studies, Fee Structure and Schedule of Payment, Instructional System, Evaluation, etc.

**Part II** of this Programme Guide gives the syllabus of all the courses that are on offer in BAECH. This will you help you, among other things, in familiarizing yourself with the exact courses you would be studying under each type of courses in the programme viz. Core Courses, Discipline Specific Electives, Generic Electives, Ability Enhancement Courses and Skill Enhancement Courses.

**Programme Coordinator**  
**BAECH**

**PART I**  
**PROGRAMME DETAILS**

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# 1. THE UNIVERSITY

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The Indira Gandhi National Open University (IGNOU) is the world's largest University. It is a Central University established by an Act of Parliament in 1985, to advance and disseminate learning and knowledge by diverse means, including information communication technology. The objective is to provide opportunities for higher education to a large segment of the population and promote educational wellbeing of the larger society.

The University has continuously striven to build a knowledge society through inclusive education. It has imparted higher education by offering high quality teaching through the Open and Distance Learning (ODL) mode.

IGNOU in a relatively short time has made a significant contribution in the areas of higher education, community education, extension activities and continual professional development. As a world leader in distance education, it has been conferred with an Award of Excellence by the Commonwealth of Learning (COL), Canada.

IGNOU offers its academic programmes through its 21 Schools of Studies and a network of 67 Regional Centres (including 11 Recognised Regional Centres for the Indian Army, Navy and Assam Rifles), and about 3500 Study Centres (SCs). The University also has a network of 12 Overseas Study Centres (OSC).

Currently, IGNOU is offering over two hundred academic, professional, vocational, awareness generating and skill oriented programmes at the level of Certificate, Diploma, Bachelor's Degree, Master's Degree and Doctoral Degree through its Schools of Studies.

The 21 Schools of Study which design and develop academic programmes and courses at different levels are:

- School of Agriculture (SOA)
- School of Computer and Information Sciences (SOCIS)
- School of Continuing Education (SOCE)
- School of Education (SOE)
- School of Engineering and Technology (SOET)
- School of Extension and Development Studies (SOEDS)
- School of Foreign Languages (SOFL)
- School of Gender and Development Studies (SOGDS)
- School of Health Sciences (SOHS)
- School of Humanities (SOH)
- School of Interdisciplinary and Trans-disciplinary Studies (SOITS)
- School of Journalism and New Media Studies (SOJNMS)
- School of Law (SOL)
- School of Management Studies (SOMS)
- School of Performing and Visual Arts (SOPVA)
- School of Sciences (SOS)
- School of Social Sciences (SOSS)
- School of Social Work (SOSW)

- School of Tourism and Hospitality Service Management (SOTHSM)
- School of Translation Studies and Training (SOTST)
- School of Vocational Education and Training (SOVET)

The University provides multi-channel, multiple media teaching/learning packages for instruction and self-learning. The different components used for teaching/learning include, self-learning print and audio-video materials, radio and television broadcasts, face-to-face counseling/tutoring, laboratory and hands-on-experience, teleconferencing, video conference, interactive multimedia CD-ROM and internet based learning, and the use of mobile phones for messaging and e-content.

Currently, the emphasis is being laid by the University on developing an interactive multimedia supported online learning as well as adding value to the traditional distance education delivery mode with modern technology-enabled education within the framework of blended learning. The recent initiatives of the University include: SWAYAM based Massive Open Online Courses (MOOCs), Shodhganga (UGCINFLIBNET Project), 24x7SWAYAMPURABHA, National Digital Library (MHRD Project), e-Gyankosh and IGNOU e-Content App for digital study material.

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## **2. B. A. ECONOMICS (HONOURS)**

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With the academic session of July 2019, the Indira Gandhi National Open University has adopted the Choice Based Credit System introduced by the University Grants Commission. The Choice Based Credit System provides flexibility for the students to study the subjects/courses of their choice and offer easymobility between different institutions in the country. There are two programmes under CBCS: viz. B. A. (General) [BAG] and B. A. (Honours) [BAH]. While the BAG programme was launched from July 2019, the BAH is launched from January, 2020.

While IGNOU has been one of the earliest to introduce credit based academic programmes with a wider choice of courses, with the CBCS, it is now introducing semester system and point based evaluation system under a 10 point grading system. The Programme Code of B. A. Economics (Honours) is BAECHE. This programme is of 148 credits. The distribution of credits under the different type of courses is as follows:

- i) Core Courses (CCs): 14 courses of 6 credits each (i.e. 84 credits)
- ii) Discipline Specific Electives (DSEs): 4 courses of 6 credits each (i.e. 24 credits)
- iii) Ability Enhancement Compulsory Courses (AECCs): 2 courses of 4 credits (i.e. 8 credits)
- iv) Skill Enhancement Courses (SECs): 2 courses of 4 credits (i.e. 8 credits)
- v) Generic Electives (GEs): 4 courses of 6 credits each (i.e. 24 credits)

The programme can be completed in a minimum period of three years (six semesters) or in a maximum period of six years. A credit is equivalent to 30 hours of study time. This comprise all learning activities (i.e. reading and comprehending the print material, listening

to audios, watching videos, attending counselling sessions, teleconferencing and writing assignment responses). Most courses of this programme (CCs, DSEs and GEs) are of six credits. This means that you will have to put in 180 hours (6 x30) of study time to complete each of these courses. The programme also has 4 Ability Enhancement and Skill Enhancement courses, each of four credit weightage (2 courses each). These require a total of 120 hours (4 x 30) of study time. Table 2.1 gives an overview of the programme structure.

**Table 2.1: Structure of BA Economics (Honours) BAECH**

Sem ister	Core Courses	Discipline Specific	Ability/Skill Enhancement	Generic	Credits
<b>I</b>	BECC101 Introductory Microeconomics  BECC 102 Mathematical Methods for Economics I	None	BEVAE 181: Environmental Studies	BSOG 171 Indian Society: Images and Realities	22
<b>II</b>	BECC 103 Introductory Macroeconomics  BECC 104 Mathematical Methods for Economics II	None	<b>Any one*:</b> BEGAE 182: English Communication  BHDAE 182: Hindi Bhasha Aur Samprashan	BPAG 172 Governance: Issues and Challenges	22
<b>III</b>	BECC105 Intermediate Microeconomics I  BECC 106 Intermediate Macroeconomics I  BECC 107 Statistical Methods for Economics	None	BPCS 185 Developing Emotional Competence	BPAG 173 E-Governance	28
<b>IV</b>	BECC108 Intermediate Microeconomics II  BECC 109 Intermediate Macroeconomics II  BECC 110 Introductory Econometrics	None	BECS 184 Data Analysis	BPAG 174 Sustainable Development	28
<b>V</b>	BECC111 Indian Economy I  BECC 112 Development Economics I	BECE141 Economics of Health and Education  BECE 143 Environmental Economics	None	None	24
<b>VI</b>	BECC113 Indian Economy II  BECC 114 Development Economics II	BECE142 Applied Econometrics  BECE 144 Financial Economics	None	None	24

\* Choice depends on the medium of instruction.



## **2.1 Core Courses (CC)**

The programme has fourteen core courses. All these are discipline specific and are distributed over all the six semesters. Each core course is of six credits. Over 14 courses, these courses cover a total of 84 credits (from out of 148 credits) of the programme.

## **2.2 Elective Courses**

These are Discipline Specific Elective Courses offered in the 5<sup>th</sup> and 6<sup>th</sup> semesters of the programme. These courses are also of six credits each. The Discipline Specific Electives (DSEs) are specialised courses and are meant to provide an extended knowledge of the discipline. They are applied in nature in which the foundation knowledge derived from the Core Courses are applied to specific fields like health, environment, finance, etc. The programme has four DSEs, two courses to be studied in each of the two semesters in the 3<sup>rd</sup> year of the programme. They carry 24 credits weight (4 × 6 credits). The specific DSEs are shown in Table 2.1 above. Including these 4 DSEs, the total number of courses of economics discipline alone studied by you are 18 and are of a total of 108 credits in the programme. The remaining courses that you would study are from other disciplines and are meant to give you exposure in an inter-disciplinary perspective. These are outlined below.

## **2.3 Ability/Skill Enhancement Courses**

You will study 2 Ability Enhancement Courses (AECs) on each in the 1<sup>st</sup> and 2<sup>nd</sup> semesters of the first year of your 3 year programme. These are meant to enhance your language communication skill and provide awareness on the importance of environment. Likewise, you will study two Skill Enhancement Courses (SECs), one each in the third and the fourth semesters of your second year programme. While the course you would study in the third semester develops your emotional competence, the course you would study in the fourth semester develops your computational skills. The course titles are available in Table 2.1 above.

## **2.4 Generic Electives**

Generic Electives (GEs) are also inter-disciplinary in nature. They provide an exposure to other disciplines/subjects nurturing the proficiency and understanding of social and scientific phenomena. The courses which are presently on offer are listed in Table 2.1. The University will add new electives and SECs later. The new courses added would be listed on the University website. You can choose them at the time of re-registration for the second or third year.

Now that you know the structure of the BAECH programme and its components, let us focus on 'how to plan your studies'.

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### **3. PLANNING YOUR STUDIES**

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The programme offers flexibility in the duration for the completion of the programme. You can take full advantage of this flexibility. A little bit of systematic planning is all you can ensure you to realize your goal of completing the 148 credits of the programme within the minimum period of three years. If, for any reason, you are unable to complete the programme within three years, please note that your registration for the programme is valid for six years. You can also get additional two years by applying for readmission.

As already mentioned, each credit of this programme is equivalent to 30 hours of learner study comprising all learning activities (i.e. reading and comprehending the print material, listening to audios, watching videos, attending counselling sessions, teleconferencing and writing assignment responses). This means that you will have to devote approximately 180 hours of study for a six-credit course and 120 study hours for a four credit course. Since you have 22 courses of six credits and four courses of four credits, you should approximately try to put in a total of 1480 hours of study in a year. This means that you will have to devote around five hours of study everyday for about 300 days in a year. You have to adjust your reading schedule keeping this workload in view. With this schedule, you will be able to complete all courses in the minimum number of years i.e. 3 years. Since the number of courses are not the same in all the semesters (i.e. you have more courses to clear in the second year as compared to the first and the third year), to complete the three-year programme in the minimum period of three years, you need to plan somewhat. It is helpful to study consistently throughout the year. You should not let the studies accumulate requiring you to speed up before the examinations as that will put undue pressure on you and you may not be able to cope up.

If you are not able to fully devote yourself to the programme, you can set your targets for a particular semester/year. If you feel that you can focus only on 30 credits in a year, plan for it accordingly from the beginning of the year. Study only the selected courses. Do the assignments of only those courses for which you plan to appear in the Term End Examination (TEE) and carry over the rest to next year. Again next year, decide your goals for the two semesters of that year. Whenever you decide to complete the previous semesters/years course and have not submitted the Assignments for evaluation, make sure that you attempt the current year's assignment (s) for that course. Always submit your assignments well in time keeping in view the eligibility to appear in the TEE (For details see Section 6.1 of this Programme Guide). Through a proper planning suitable to you, you can complete this programme at your convenience.

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### **4. FEE STRUCTURE AND SCHEDULE OF PAYMENT**

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Fee Structure: A total of Rs. 9600/- is to be paid for the BAECH Programme, @ Rs. 3200/year. In the First year, in addition to Rs. 3200/-, a Registration fee of Rs. 200/- also has to be paid (i.e. Rs. 3400/- in the first year). The programme fee should be paid only

by means of Debit Card/Credit Card through online mode only. Fee once paid is not refundable.

The University can revise the programme fee. In that case, the revised fee shall be payable by you as per the schedule of payment notified by the university.

Although the BAECH programme is a semester-based programme, registration is done annually. Just as you have registered for the first two semesters at the start of the programme, you will have to re-register for the Second year (third and fourth semesters) and third year (fourth and fifth semesters) before the beginning of the academic year as per the schedule given below.

### **Schedule for Re-Registration**

Learners are advised to submit the Re-Registration (RR) forms 'Online' only on the web portal [www.ignou.ac.in](http://www.ignou.ac.in) as per the schedule notified by the University on its website from time to time.

**The programme fee has to be paid at the beginning of each year by online mode only by means of Debit Card/Credit Card.**

Timely payment of programme fees is the responsibility of the learner. The learner is expected to remit the fees as early as possible without waiting for the last date. Non-payment of fee would result in the withdrawal of access to study material and permission to write the examinations. It may also result in the cancellation of admission. In case any learner willfully appears in an examination without proper registration for a course, appropriate action can be taken against him or her as per the rules of the University.

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## **5. INSTRUCTIONAL SYSTEM**

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The methodology of instruction adopted by the University is different from that in the conventional universities. The Open University system is more learner-oriented in which the learner is an active participant in the teaching-learning process. Most of the instruction is imparted through distance rather than face-to-face communication.

The University follows a multi-media approach for instruction. It comprises of

- Self-Learning Material
- Audio-video programmes transmitted through radio and television
- Teleconferencing sessions
- Face-to-face counselling at Study Centres by Academic Counsellors
- Assignments/ Tutorials/ Practicals/ Dissertation/ Project work

### **5.1 Course Material**

Course material, in print or ebook format, is the primary form of instruction. You should concentrate mainly on the course materials that are sent to you in the form of printed books or

ebooks. The course material would be sufficient to write assignment responses and prepare for the Term End Examination (TEE). We would, however, advise you to read additional material, especially those given in the Suggested Reading section of the course material.

The course material prepared by the University is self-learning in nature. Each course is printed in the form of a single book or ebook. The course is divided into a number of **Blocks**. Each Block consists of few Units with the **Units** covered in a Block have a thematic unity. The section on 'course introduction' in the book provides an overview of the entire course, its objectives, guidelines for studying the material, etc. Besides, each unit has an introductory section to the unit.

Before the section on Introduction, each Unit begins with learning **Objectives**. This will give you an idea on what you are expected to learn from the Unit. The **Introduction** to the unit provides an overview of the major theme of the unit. Usually, subsequent units forge a link with the topics of the previous Units. This is followed by the main text, which is divided into various sections and subsections. At the end of one or two sections, some self-check questions for self-evaluation are provided. These are given under the heading of **Check Your Progress**. You should attempt this part. It will help you in assessing the immediate absorption. You can then check your answers with the hints/solutions given at the end of the unit. Questions in Check Your Progress are for your practice only. You should not submit the answers to these questions to the University for assessment. Answers furnished to the Check Your Progress exercises at the end of the unit are sometimes only hints. This is done with a view to encouraging you to write the answers in your own words.

There is a section on **Let Us Sum Up** at the end of each unit. This gives a brief account of what has been discussed in the Unit. The summary enables you to recall the main points covered in the Unit. Each unit then ends with a list of **References**. They may be 'suggested books for further reading' or articles that have been consulted to prepare the unit. Some of the books listed in this section will be available in the Study Centre library.

In order to comprehend the SLMs, you must read the Units carefully noting down the important points. You can use the space in the margin of the printed pages for making notes and writing your comments. While reading the Units, you may mark the difficult words and look for the meaning of such words in a dictionary. If you still do not understand something, consult your counsellor during the face-to-face sessions at the Study Centre for clarification.

### **Dispatch of Study Material**

The dispatch of material will start once the online process of registration is complete. You can expect to receive your study material within one month of closing of the registration for the programme. If any course material is missing or you receive wrong or defective material, please address your query to the Regional Centre or write to Student Services Centre at [ssc@ignou.ac.in](mailto:ssc@ignou.ac.in).

For the students who have applied for digitized version, detailed information is available on the IGNOU website.

## **5.2 Academic Counselling**

In distance education, face-to-face contact between the learners and their academic tutors/counsellors is an important activity. The purpose of such an interaction is to answer some of your questions and clarify your doubts, which may not be possible through any other means of communication. It is also intended to provide you an opportunity to meet fellow learners.

There are experienced academic counsellors at the Study Centres to provide academic counselling and guidance to you in your courses. The academic counselling sessions for each of the courses will be held at suitable intervals throughout the academic session. Attendance in the academic counselling sessions for theory courses is not compulsory, but we would suggest you to attend these sessions as they may be useful in certain respects. These could be to share your views on the subject with teachers and fellow learners, comprehend some of the complex ideas or difficult issues, get clarifications for any doubts which you would not otherwise try to raise, etc. However, it is compulsory to attend practical sessions for the courses that have practicals or laboratory work.

Face-to-face counselling will be provided to you at the Study Centre assigned to you. You should note that the academic counselling sessions will be very different from the usual classroom teaching or lectures. Academic counsellors will not be delivering lectures or speeches. They will try to help you to overcome difficulties, which you face while studying for this programme. In these sessions, you must look into the subject-based difficulties and any other issues arising out of such difficulties. The University normally organizes six to seven academic counseling sessions for a 4-credit and nine to ten sessions for a six credit course. In case there are less than 10 students in a Study Centre, then intensive counselling sessions will be held which essentially means that 40 per cent of the prescribed counselling sessions will be conducted within a week's time.

Before you go to attend the academic counselling sessions, please go through your course material and note down the points to be discussed. Unless you have gone through the Units, there may not be much to discuss. Try to concentrate on relevant and important issues. Try also to understand each other's points of view. You may also establish personal contact with your fellow participants to get mutual help for academic purposes. Try to get the maximum possible help from your academic counsellors.

## **5.3 Study Centre**

To provide effective student support, we have set up a number of Study Centres all over the country. You will be allotted one of these Study Centres taking into consideration your place of residence or work. However, each Study Centre can handle only a limited number of students and despite our best efforts, it may not always be possible to allot the Study Centre of your choice. The particulars regarding the Study Centre to which you are assigned will be communicated to you.

Every Study Centre will have:

- A Coordinator who will coordinate different activities at the centre.
- An Assistant Coordinator and other support staff appointed on a part-time basis.
- Academic Counsellors in different courses to provide counselling and guidance to you in the courses you have chosen.

A Study Centre will have four major functions:

**Counselling:** Face-to-face counselling for the courses will be provided at the Study Centres. As mentioned earlier, there will be nine to ten academic counselling sessions for a 6-credit course and six to seven sessions for a 4-credit course.

The schedule of the counselling sessions will be communicated to you by the Coordinator of your Study Centre.

Study Centre is the contact point for you. The University cannot send all the communication to all the students individually. All important information is communicated to the Coordinators of the Study Centers and Regional Directors. The Coordinators would display a copy of such important circular/notification on the notice board of the Study Centre for the benefit of all IGNOU learners. You are, therefore, advised to get in touch with your Study Centre for day-to-day information about assignments, submission of examination forms, TEE date-sheet, declaration of result, etc.

**Evaluation of Assignments:** Tutor Marked Assignments (TMA) will be evaluated by the Academic Counsellors appointed for different courses at the Study Centre. These assignments will be returned to you with tutor's comments and marks obtained. These comments will help you to know where improvement can be made in your studies.

**Information and Advice:** At the Study Centre, you will get relevant information regarding the courses offered by the University, academic counselling schedules, examination schedule, etc. You will also get guidance in choosing your elective and application oriented courses.

**Interaction with Fellow-learners:** The Study Centre gives you an opportunity to interact with fellow learners.

## 5.4 Interactive Radio Counselling

The University has the facility of interactive counselling through the All India Radio network. You can participate in it by tuning in to your area Radio station. Experts from various areas of the discipline participate in the sessions. Students can put across their questions to these experts by using the telephone. The telephone numbers are announced by the respective Radio Stations. This counselling is available on all days. The topic for each session of the interactive radio programme is available in the Gyanvani section of the University website.

## **5.5 Gyan Darshan**

IGNOU in collaboration with Doordarshan now has an exclusive Educational TV Channel called Gyan Darshan. It is available through cable TV network. The channel telecasts educational programmes for 24 hours every day. Live telecast is from 3-5 p.m. and repeat telecast from 8-10 p.m. Apart from programmes of IGNOU, it will have educational programmes produced by various national education institutions. You should try to get access to it through your cable operator. The schedule of programmes and live sessions is available at the study centers one month in advance. You can also get the schedule of programmes and live sessions from the University website.

## **5.6 Gyan Vani**

Gyan Vani is an educational FM Radio network providing programmes covering different aspects and levels of education including Primary and Secondary Education, Adult Education, Technical and Vocational Education, Higher Education and Extension Education. There will be programmes on various aspects and courses of the B. A. programme (both General and Honours). The schedule of the programmes is uploaded on the University website.

## **5.7 Teleconference/EDUSAT**

To reach our learners spread in different parts of the country we take the help of teleconferencing. These sessions are conducted from Delhi. The students can attend these at the regional centres and specified study centres of IGNOU. It is a one way video and two way audio facility. The teleconferencing is available on Gyan Darshan-2 and Edusat. The time-slot for B.A. programmes is 5.00 p.m. to 7.45 p.m. in the evening on all week-days. The faculty members at Delhi and other experts as resource persons participate in these sessions. You can put your problems and questions to these experts through the telephone available at receiving centres. These will help in resolving your queries related to courses and other general information pertaining to the programme.

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## **6. EVALUATION**

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The system of evaluation followed by the University is also different from that of conventional universities. IGNOU has a multitier system of evaluation.

- Self-assessment exercises within each unit of study.
- Continuous evaluation through assignments which are tutor-marked, practical assignments and seminar/workshops/extended contact programmes, etc. (depending on the nature of the course).
- Term End Examinations.
- Project/Practical work (depending upon the requirement of the course).

The weightage given for the continuous evaluation through assignments and the term end examination is 30 : 70. This means, in the final result, the assignments of a course carry 30% weightage while 70% weightage is given for the Term End Examination (TEE). University follows a grading system for continuous evaluation as well as term-end examination. It is done on a ten point scale using the letter grades as given below.

Letter Grade	Numerical Grade	Percentage
O (Outstanding)	10	$\geq 85$
A+ (Excellent)	9	$\geq 75$ to $< 85$
A (Very Good)	8	$\geq 65$ to $< 75$
B+ (Good)	7	$\geq 55$ to $< 65$
B (Above Average)	6	$\geq 50$ to $< 55$
C (Average)	5	$\geq 40$ to $< 50$
D (Pass)	4	$\geq 35$ to $< 40$
F (Fail)	0	$< 35$
Ab (Absent)	0	Absent

In the grade card issued, the University also provides numerical marking with award of division for the programme. You are required to score at least 35% marks (Grade D) in both continuous evaluation (assignments) as well as the term-end examination of each course. In the overall computation also you must get at least 35% marks (Grade D) in each course to complete the B.A. degree.

Students who do not qualify in the term-end examination are allowed to take up the Term End Examination in the next year. It means you can take the TEE of the first year courses in the second year of your study. But you can appear in the examination for not more than 48 credits in one TEE. Similarly, the first and second year courses can be carried over to the third year.

## 6.1 Assignments

Assignments constitute the continuous evaluation. **The marks that you secure in the assignments will be counted in your final result.** As mentioned earlier, an assignment of a course carries 30% weightage. You are therefore advised to take your assignment seriously. A simple omission on your part may put you in great disadvantage later.



For each course of this programme, you have to do two to three Tutor Marked Assignments (TMAs) depending upon the nature of the course. The TMA for each semester can be downloaded from the Student Zone of the University website.

You have to complete the assignment within the due dates specified in the assignment booklet.

**You will not be allowed to appear for the term-end examination for any course if you do not submit the assignment in time for that course.** If you appear in term-end examination, without submitting the assignments, the result of the term-end examination is liable to be cancelled.

Ensure that your assignment responses are complete in all respects. Before submission, you should ensure that you have answered all the questions in all the sections/parts of the assignments. Incomplete assignment responses may affect your grades adversely.

The main purpose of TMA is to test your comprehension of the learning materials you receive from us and also to help you get through the courses. The evaluators/academic counselors, after correcting the assignments, return them back to you with their comments and marks. The comments will guide you in your study and help in improving it. It is therefore important that you collect the evaluated TMA along with a copy of the assessment sheet containing the comments of the evaluator on your performance.

The content provided in the printed course materials should be sufficient for answering the assignments. Please do not worry about the non-availability of extra reading materials for working on the assignments. However, if you have access to other books, you may make use of them. The assignments are designed in such a way as to help you concentrate mainly on the course material and apply your personal experience.

**You have to submit your assignment response sheets to the Coordinator of the Study Centre assigned to you.** For your own record, you must retain a copy of all the assignment responses which you submit to the Coordinator. If you do not get back your duly evaluated tutor marked assignments (along with a copy of the assessment sheet containing comments of the evaluator on your assignment), within a month after submission, please try to get it personally from your Study Centre. **Always Keep duplicate copies of assignment responses of TMAs submitted to Study Centres.** They may be required to be produced at Student Evaluation Division on demand. Also, maintain an account of the corrected assignment responses received by you after evaluation. This will help you to represent your case to the University in case any problem arises.

If you do not get a pass grade in any assignment, you have to submit it again. Get fresh assignments from the Student Zone tab of the University website. However, once you get the pass grade in an assignment, you cannot re-submit it for improvement of grade. Assignments are not subject to re-evaluation except for factual errors, if any, committed by the evaluator. The discrepancy noticed by you in the evaluated assignments should be brought to the notice of the Coordinator of the Study Centre, so that the correct score is forwarded by him/her to the Student Evaluation Division at Headquarters.

In case you find that the score indicated in the assignment sheet of your Tutor Marked Assignment has not been correctly reflected or is not entered in your grade card, you are

advised to contact the Coordinator of your Study Centre with a request to forward the correct award list to the Student Evaluation Division at the Headquarters.

Do not enclose or express doubts for clarification, if any, about study material or assignment along with the assignment. **Send your doubts in a separate cover to the Director of the concerned School at IGNOU, Maidan Garhi, New Delhi - 110068.** Give your complete enrolment number, name, address, title of the Course, and the number of the Unit or the assignment, etc. on top of your letter.

### **SPECIFIC INSTRUCTIONS FOR TUTOR MARKED ASSIGNMENTS (TMA)**

- 1) Write your Enrolment Number, Name, Full Address, Signature and Date on the top right hand corner of the first page of your response sheet.
- 2) Write the Programme Title, Course Code, Course Title, Assignment Code and Name of your Study Centre on the left hand corner of the first page of your response sheet.

**Course Code and Assignment Code may be reproduced from the assignment.**

The top of the first page of your response sheet should look like this:

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**ENROLMENT NO.:**

**PROGRAMME TITLE** : .....**NAME** : .....

**COURSE CODE** : .....**ADDRESS** : .....

.....

**COURSE TITLE** : ..... : .....

**ASSIGNMENT CODE** : .....**SIGNATURE** : .....

**STUDY CENTRE** : .....**DATE** : .....

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- 3) Read the assignments carefully and follow the specific instructions, if any, given on the assignment itself about the subject matter or its presentation.
- 4) Go through the Units on which the assignments are based. Make some points regarding the question and then rearrange those points in a logical order and draw up a rough outline of your answer. While answering an essay type question, give adequate attention to introduction and conclusion. The introduction must provide a brief interpretation of the question and how you propose to develop it. The conclusion must summarise your response to the question. Make sure that the answer is logical and coherent, and has clear connections between sentences and paragraphs. The answer should be relevant to the question given in the assignment. Make sure that you have attempted all the main points of the question. Once you are satisfied with your answer, write down the final version neatly and underline the points you wish to emphasise. While solving numerical problems, use proper format and give working notes wherever necessary.

- 5) Use only fool-scrap size paper for your response and tie all the pages carefully. Avoid using very thin paper. Allow a 4 cm margin on the left and at least 4 lines in between each answer. This would facilitate the evaluator to write useful comments in the margin at appropriate places.
- 6) Write the responses in your own hand. Do not print or type the answers. Do not copy your answers from the Units/Blocks sent to you by the University. It is advised to write your answers in your own words as it will help in grasping the study material.
- 7) Do not copy from the response sheets of other students. If copying is noticed, the assignment will be rejected.
- 8) Write each assignment separately. All the assignments should not be written in continuity.
- 9) Write the question number with each answer.
- 10) The completed assignment should be submitted to the Coordinator of the Study Centre allotted to you. TMAs submitted at any other place will not be evaluated.
- 11) After submitting the TMA, get the acknowledgement from the Coordinator on the prescribed assignment remittance-cum-acknowledgement card.
- 12) In case you have requested for a change of Study Centre, you should submit your TMA only to the original Study Centre until the change of Study Centre is notified by the University.
- 13) If you find that there is any factual error in evaluation of your assignments e.g. any portion of your assignment response has not been evaluated or the total of score recorded on your assignment response is incorrect, you should approach the Coordinator of your study centre for correction and transmission of correct score to headquarters.

## **6.2 Term End Examination**

As stated earlier, the term-end examination is the major component of the evaluation system. It carries 70% weightage in the final result.

You must fill the Term End Examination (TEE) form online before the last date i.e. 31st March for June exam and 30th September for December exam.

The University conducts term end examinations (TEE) twice a year i.e. in June and December. You can take the examination only after completing one year of study. The TEE for first and second semesters will be held together at the end of the First year. Similarly, in the Second and Third years of the programme, the TEE for the third and fourth semesters (Second year courses) and for the fifth and sixth semesters (Third year courses) will be conducted together. If you are unable to appear in any TEE, you may appear in the next TEE in December or June.

A learner is permitted to appear in the TEE, subject to the following conditions:-

- Registration for the courses is valid and not time barred.

- Required number of assignments in the course has been submitted by the due date.
- Minimum time to pursue these courses as per the provision of the programme has been completed.
- Examination fee is paid for all the courses in which the learner is writing the examination.

In case of non-compliance of any of the above conditions, the result of all such courses is liable to be withheld by the University.

In case you fail to get a pass score (35% marks) in the Term End Examination, you will have to reappear at the next Term End Examination for that course within the total span of the programme i.e. six years.

### **Submission of Online Examination Form**

Learners are required to fill in the Examination form to appear in the TEE each time i.e. for every exam (June/December) a learner has to apply afresh. Only one form is to be submitted online for all the courses that a learner plans to appear in a TEE. To avoid discrepancies in filling up examination forms and avoid hardship in appearing in the TEE, you are advised to:

- 1) Remain in touch with the Study Centre/ Regional Centre/Student Evaluation Division for change in schedule of submission of examination form
- 2) Fill up all the particulars carefully and properly in the examination form to avoid rejection/delay in processing of the form
- 3) Retain proof of submission of examination form till you download your Hall Ticket.

### **Examination Fee and Mode of Payment**

The schedule for submission of Term End Examination Form is available at the IGNOU website during each session.

#### ***Examination Fee***

Rs. 150/- per theory course

Rs. 150/- per practical course

#### ***Mode of Payment***

Credit Card/Debit Card/Net Banking

Examination fee once paid is neither refundable nor adjustable even if the learner fails to appear in the examination.

### **Hall Ticket for Term End Examination**

No hall ticket shall be dispatched to the examinees. Hall Tickets of all examinees are uploaded on the University website 7-10 days before the commencement of the Term End Examinations.

Students are advised to take the print out of the Hall Ticket from the University website after entering the enrolment number and name of the programme of study, and report at the examination centre along with the Identity Card issued by the University attested by the Director of the Regional Centre. Without a valid IGNOU Student ID Card issued by the Regional Centre/University, examinees will not be permitted to appear in the examination.

Every student must bring his/her identity card for appearing in the TEE along with the Hall Ticket. Students will be allowed to appear in the TEE for those courses only for which registration is valid and the prescribed minimum duration of study is completed. In case, any learner has misplaced the Identity Card issued by the University, it is mandatory to apply for a duplicate Identity Card to the Regional Centre concerned well before the commencement of the examinations. Learners without valid ID Card will not be allowed to enter the Examination Centre premises.

### **Examination Date Sheet**

Examination date sheets (i.e. schedule which indicates the date and time of examination for each course) are sent to all the Study Centers a month in advance. These are printed in IGNOU Newsletters and posted. The datasheet is also displayed on website of IGNOU ([www.ignou.ac.in](http://www.ignou.ac.in)). You are advised to see whether there is any clash in the examination dates of the courses you wish to take, i.e. Examination of any two courses you wish to take are scheduled on the same day at the sametime. **If there is any clash, you are advised to take the TEE for one course and the other course in the next TEE.**

### **Declaration of Result**

It is your duty to check whether you are registered for a course and whether you are eligible to appear for that examination. If you neglect this and take the examination without being eligible for it, your result will be cancelled.

All efforts are made to declare the results well before the deadline for submission of Examination Form for the next TEE. In case, result for a course is not declared you should fill the Examination Form for that course without Examination Fee. In case, you appear in the TEE of that course, you have to send a demand draft (drawn in favour of IGNOU, New Delhi) of requisite amount to the Registrar, Student Evaluation Division (SED) Division, New Delhi failing which your result of that course will not be declared.

### **Early Declaration of Result**

In order to facilitate learners who have secured admission for higher studies or got selected for employment, etc. and are required to produce statement of marks/grade cards by a specified date, the University provides for early declaration of result. The learner can apply for early processing of his/her answer scripts and declaration of result. Such a student is required to apply in prescribed form (available on the University website) along with (i) fee of Rs. 1000/- per course through demand draft drawn in favour of IGNOU and payable at New Delhi, and (ii) attested photocopy of the admission/employment offer. You must submit the request for early declaration of result before the commencement of TEE, that is, before June 1st or December 1st for June and December TEE respectively. In such cases, the

University will make arrangement for early processing of answer scripts and declare the result as a special case possibly within a month's time from the conduct of examination.

### **Re-Evaluation of Examination Scripts**

Students who are not satisfied with the marks/grade awarded to them in the TEE may apply in prescribed form for re-evaluation within one month from the date of declaration of results, i.e. the date on which results are made available on the University website on payment of Rs. 750/-per course to be paid online. The better of the two scores of original marks/grade and marks/grade after re-evaluation will be considered and updated in the student's record.

Re-evaluation is permissible in TEE only and not in practical, project report, workshop, assignment, tutorials, seminar, etc. A sample application form with rules and regulations for this purpose is available at the University's website.

### **Improvement in Division/Class**

Students of the Bachelor degree programme who have completed the programme and wish to improve their Division/Class may do so by appearing in TEE. Only those students of the programme who fall short of less than 2% marks to secure 2nd and 1st division are eligible for reexamination.

Students may apply in the prescribed form from the 1st to the 30th of April for June TEE and from the 1st to the 31st of October for December TEE along with a fee of Rs.750/- per course by means of a demand draft drawn in favour of IGNOU and payable at New Delhi.

### **Improvement is permissible in TEE only and not in Practicals /Lab courses, Project, Workshop, Assignment, Seminar, tutorials, etc.**

Students wishing to improve their marks will have to apply within six-months from the date of issue of final statement of marks/grade card to them, subject to the condition that their registration for the programme/course being applied for improvement is valid till the next TEE in which they wish to appear for improvement. Rules and regulations for this purpose are available in detail at the University's website.

**Obtaining Photocopy of Answer Scripts:** After the declaration of result, if the learner is notsatisfied with the marks awarded, he or she can request the University for obtaining Photocopy of Answer Scripts on payment of Rs. 100/- per course. The request for obtaining Photocopy of Answer Scripts by the student must be made within 45 days from the date of declaration of result to the Student Evaluation Division, IGNOU, New Delhi in the prescribed format along-with a fee of Rs. 100/- per course to be paid online.

**While communicating with the University regarding examinations, please write your enrolment number and complete address clearly. In the absence of such details, the Student Evaluation Division will not be able to attend to your problems.**

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## **7. OTHER USEFUL INFORMATION**

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### **Scholarships and Reimbursement of Fees**

Learners with physical disability admitted to IGNOU are eligible for Government of India scholarships. They are advised to collect the scholarship forms from the Directorate of Social Welfare or Office of the Social Welfare Officer of the concerned State Government and submit the filled-in forms to them through the concerned Regional Director of IGNOU to SRD.

Students of reserved categories viz., scheduled caste/scheduled tribe and learners with physical disability, have to pay the fees at the time of admission to the University along with other students. For reimbursement of programme fees, such students have to submit their forms to the Directorate of the Social Welfare or Office of the Social Welfare Officer of the respective State Government through the concerned Regional Director of IGNOU.

**Change of Medium** is permitted within 30 days from the receipt of first set of course material in the first semester/year ONLY, on payment of Rs. 350/- plus Rs. 350/- per 4 credit course and Rs. 700/- per 6 credit course for the programme. Payment should be made by way of a Demand Draft drawn in favour of "IGNOU" payable at the place of concerned Regional Centre. All such requests for change of Medium should be addressed to the concerned Regional Centre only, as per schedule.

### **Change or Correction of Address**

There is a printed form for the change/correction of address/name. A copy of the same is available online on the university websites under Student Zone. In case there is any correction or change in your address, you are directed to make use of that form addressed to the Registrar, Student Registration Division (through concerned Regional Director). You are advised not to write letters to any other officer in the University in this regard. Normally, it takes four to six weeks to effect the change. Therefore, you are advised to make your own arrangements to redirect the mail to the changed address during this period.

### **Change of Study Centre**

A student is required to opt for only such study centre which is activated for the programme. As far as possible the university will allot the study centre opted for by the student. However, the university may change the study centre for administrative reasons without concurrence of the student at any time.

For the purpose of change of Study Centre, you have to send a request to the Director of your Regional Centre. A copy of the same may be sent to the Student Evaluation Division at the headquarters.

Counselling facilities for a programme may not be available at all the Centres. Therefore, you are advised to make sure that counselling facilities are available for the programme you have

chosen, at the new Centre opted for. As far as possible, the request for change of Study Centre is considered favourably. However, the allotment of a new Study Centre is subject to availability of seats for the programme at the new Centre asked for.

### **Change of Regional Centre**

If you want to transfer from one region to another, you have to send your application seeking transfer to the Regional Centre from where you are seeking a transfer marking copies to the Regional Centre where you would like to be transferred to. Further, you have to obtain a certificate from the Coordinator of the Study Centre from where you are seeking transfer regarding the number of assignments submitted. The Regional Director from where the learner is seeking the transfer will transfer all records including details of fee payment to the new Regional Centre under intimation to the Registrar, Student Registration Division (SRD) and the learner. In case any learner is keen for transfer from Army/Navy/Air Force Regional Centre to any other Regional Centre of the University during the cycle/session, he/she would have to pay the fee-share money to the Regional Centre. In case the learner seeks transfer at the beginning of the session/cycle, the required programme course fee for the session/cycle shall be deposited at the Regional Centre. However, the transfer shall be subject to availability of seats wherever applicable.

### **Issue of Duplicate Grade Card/Mark sheet**

A duplicate Grade Card is issued after a request is made on the prescribed form along with a draft of Rs. 200/- to be paid in favour of IGNOU, New Delhi. The form for the purpose is available on the IGNOU website.

### **Issue of Duplicate Degree Certificate**

A duplicate degree certificate can be issued after a request is made on the prescribed form along with a demand draft of Rs. 750/- in favour of IGNOU, New Delhi. The following documents are required to be attached with the requests for issue of duplicate degree certificate:

- 1) Affidavit on non-judicial stamp paper of Rs.10/- .
- 2) Copy of FIR lodged with the police station regarding loss of Degree Certificate.
- 3) Demand Draft/IPO for requisite fee.

The form and the format for the purpose is given on the Universtiy website.

### **Re-admission**

If you are not able to complete the programme in a maximum period of 6 years, the University has a provision for re-admission. You have to take the following two steps for re-admission:

- a) Take admission afresh in the Programme like other students by fulfilling the admission criteria and paying requisite fee for the Programme.
- b) Apply to the University for the transfer of credits you have earned under the old enrolment with applicable fee.



Full credit transfer may be allowed if the syllabus and methodology now in vogue are similar to that governing the students under the old enrolment.

### **Simultaneous Registration**

A learner is permitted to register for only one programme in the given academic session. You are, therefore, advised to seek admission to only one programme in the given academic session. However, you are allowed to take a certificate programme of 6 months duration along with other programmes. Violation of this rule will result in cancellation of admission to all the programmes and forfeiture of the programme fees.

### **Migration Certificate**

For Migration Certificate, requisition may be sent to the Regional Director along with the following documents:

- 1) Application (can be obtained from the IGNOU website).
- 2) Attested copy of the marksheet.
- 3) Fee of Rs. 500/- in the form of demand draft drawn in favour of IGNOU payable at the city where the Regional Centre is located.

### **Refund of Fees**

The refund request will be considered as under:

- a) Before the last date for submission of admission form, Programme fee will be refunded after deduction of Rs. 200/-
- b) Within 15 days from the last date for submission of admission form, Programme fee will be refunded after deduction of Rs. 500/-
- c) Within 30 days from the last date for submission of admission form, Programme fee will be refunded after deduction of Rs. 1,000/-.
- d) After 30 days from the closure of the last date, no refund will be allowed.
- e) The last dates for submission of admission form will be considered separately i.e. last date without late fee and last date with late fee. However, late fee, if any, will not be refunded.
- e) In cases of (a) to (c) above, the candidate will make a written request to the Regional Director (RD) concerned for such a refund. The Regional Centre (RC) will process the cases as soon as possible after ascertaining the credit of the same in IGNOU Accounts.

### **Disputes on Admission and other University Matters**

The place of jurisdiction for filing of a Suit, if necessary, will be only at New Delhi/Delhi.

## 8. SOME USEFUL ADDRESSES

During the course of your study you might require some additional information about rules and regulations as well as how to resolve some of the issues in completing your studies at IGNOU. You must know whom to contact for specific information. Here is a list of addresses and contact numbers and emails of offices in the University to contact for specific information or problem.

1	Identity Card, Fee receipt, Bonafide Certificate, Migration, Scholarship forms	Concerned Regional Centre
2	Non-receipt of study material	Material Production and Distribution Division (MPDD)
3	Schedule/information regarding Examform, Entrance test, Date-sheet,IGNOU Hall ticket	Asst. Registrar ( Exam-II), SED, Block-12, IGNOU,MaidanGarhi, New Delhi-110068E-mail:evaluationised@ignou.ac.in, Ph. 29536743, 29535924-32 / Extn-2202, 2209
4	Result, Re-evaluation, Grade Card, Provisional Certificate, Early declaration of Result, Transcript	Dy. Registrar ( Exam.III), SED, Block-12, IGNOU,MaidanGarhi, NewDelhi-110068E-mailsedgrievance@ignou.ac.in Ph. 29536103,29535924-32/Extn. 2201, 2211, 1316
5	Non- reflection of Assignment Grades/Marks	Asst. Registrar (Assignment), SED, Block-3, Room No-12, IGNOU, MaidanGarhi, New Delhi-110068E-mail : assignments@ignou.ac.in Ph. 29535924, Extn-1312, 1319, 1325
6	Original Degree/ Diploma/ Verification of Degree/Diploma	Dy. Registrar ( Exam.I), SED, Block-9, IGNOU,MaidanGarhi, New Delhi-110068E-mailvaluationised@ignou.ac.in Ph.29535438, 29535924-32/Extn-2224, 2213
7	Student Grievances related to evaluation	Asst. Registrar (Student Grievance), SED, Block-3,IGNOU, MaidanGarhi, New Delhi-110068E-mailsedgrievance@ignou.ac.in Ph. 29532294, 29535924-32/Extn-1313
8	Academic Content	Director of the School concerned
9	Student Support Services and StudentGrievances, Pre-admission inquiry ofvarious courses in IGNOU	Regional Director, Student Service Centre, IGNOU,MaidanGarhi, New Delhi-110068 E-mail ssc@ignou.ac.in Ph. 29535714,29533869, 2953380 Fax-29533129

Most of the operations of the University are online. Wherever you are required to submit a hard copy, the University has made available different application forms on its website. Please download these forms from the Student Zone of the University website and use them diligently.

**PART II**  
**SYLLABI OF COURSES**

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# 1 CORE COURSES

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## I Introductory Microeconomics (BECC 101)

6 credits

Economics is a live subject. It helps the economic agents in making their decision on: which commodities to produce? How to produce? Which techniques to use? Which factors or resources to use? In which combinations to produce and what quantity of a commodity should be produced? Further, how consumers make their purchasing decisions and how their choices are affected by changing prices and incomes, etc. are also answered.

Today, a wide spectrum of activities are included in the domain of Microeconomics. These include: (a) consumer's behaviour or choice process; (b) producers' behaviour or how is the production organised and carried on, what is the special role of cost functions therein and the different forms of market organisations; (c) co-operation of different individuals in the process of production by contributing factors owned by them; (d) various types of efficiencies; (e) under what situations market fail and what role the State can play in such situations? The present course on 'Introductory Microeconomics' aims at exposing the learners to each of these aspects. The course is divided into six blocks as follows:

### SYLLABUS

#### Block 1 Introduction

- Unit 1 Introduction to Economics and Economy
- Unit 2 Demand and Supply Analysis
- Unit 3 Demand and Supply in Practice

#### Block 2 Theory of Consumer Behaviour

- Unit 4 Consumer Behaviour: Cardinal Approach
- Unit 5 Consumer Behaviour: Ordinal Approach

#### Block 3 Production and Costs

- Unit 6 Production with One Variable Input
- Unit 7 Production with Two and More Variable Inputs
- Unit 8 The Cost of Production

#### Block 4 Market Structure

- Unit 9 Perfect Competition: Firm and Industry's Equilibrium
- Unit 10 Monopoly: Price and Output Decisions
- Unit 11 Monopolistic Competition: Price and Output Decisions
- Unit 12 Oligopoly: Price and Output Decisions

#### Block 5 Factor Market

- Unit 13 Factor Market and Pricing Decisions
- Unit 14 Labour Market
- Unit 15 Land Market

#### Block 6 Welfare, Market Failure and the Role of Government

- Unit 16 Welfare: Allocative Efficiency under Perfect Competition
- Unit 17 Efficiency of the Market Mechanism: Market Failure and the Role of the State

## **II Mathematical Methods in Economics-I (BECC 102) 6 credits**

This course introduces the learners to basic mathematical concepts, tools and techniques, and also discusses how these techniques are applied to economic analysis. The students also learn to think about the appropriate mathematical tool to apply to a given economic phenomenon or process or idea. The course discusses sets, relations functions and logic. The students also learn about coordinate geometry, differential and integral calculus, and single-variable optimization. Finally the students are exposed to basic linear and non-linear difference equations.

### **SYLLABUS**

#### **Block 1 Preliminaries**

Unit 1 Sets and Set Operations  
Unit 2 Relations and Functions  
Unit 3 Logic

#### **Block 2 Functions Of One Independent Variable**

Unit 4 Elementary Types of Functions  
Unit 5 Analytical Geometry  
Unit 6 Sequences and Series

#### **Block 3 Differentiation**

Unit 7 Limits  
Unit 8 Continuity  
Unit 9 First-Order Derivatives  
Unit 10 Higher-Order Derivatives

#### **Block 4 Single-Variable Optimisation**

Unit 11 Concave and Convex Functions  
Unit 12 Optimisation Methods

#### **Block 5 Integration**

Unit 13 Indefinite Integrals  
Unit 14 Definite Integrals

#### **Block 6 Difference Equations**

Unit 15 Linear Difference Equations  
Unit 16 Non-Linear Difference Equations

## **III Introductory Macroeconomics (BECC 103) 6 credits**

This course introduces the students to the basic concepts of macroeconomics. It discusses the preliminary concepts associated with determination and measurement of macroeconomic variables such as saving, investment, GDP, money, inflation, and Balance of Payments.

### **SYLLABUS**

#### **Block 1: Issues in Macroeconomics and National Income Accounting**

Unit 1 Issues and Concepts  
Unit 2 National Income Accounting  
Unit 3 Measuring Economic Performance

#### **Block 2: Money in a Modern Economy**

Unit 4 Definition and Functions of Money  
Unit 5 Demand for Money  
Unit 6 Monetary Policy

#### **Block 3: Inflation**

Unit 7 Inflation: Concept, Types and Measurement  
Unit 8 Causes and Effects of Inflation

#### **Block 4: The Closed Economy in the Short-run**

Unit 9 Classical and Keynesian Systems  
Unit 10 Keynesian Model of Income Determination  
Unit 11 Fiscal Policy in Keynesian Model

#### **Block 5: IS-LM Analysis**

Unit 12 Equilibrium in the Real Sector  
Unit 13 Equilibrium in the Monetary Sector  
Unit 14 Neoclassical Synthesis

#### **IV Mathematical Methods in Economics-II (BECC 104) 6 credits**

This course continues from the core course BECC 102 that the students studied in the first semester. The course takes up several topics in mathematical economics. The students learn about multivariate functions and multivariate differentiation, as well as multivariate optimization. The course also discusses linear algebra — vectors, matrices and determinants, as their applications in economics. The students are also familiarized with first- and second-order differential equations.

##### **SYLLABUS**

#### **Block 1 Functions Of Several Variables**

Unit 1 Multivariate Calculus I  
Unit 2 Multivariate Calculus II

#### **Block 2 Differential Equations**

Unit 3 First-Order Differential Equations  
Unit 4 Second-Order Differential Equations

#### **Block 3 Linear Algebra**

Unit 5 Vectors and Vector Spaces:  
Unit 6 Matrices and Determinants  
Unit 7 Linear Economic Models

#### **Block 4 Multi Variate Optimisation**

Unit 8 Unconstrained Optimisation  
Unit 9 Constrained Optimisation with  
Equality Constraints  
Unit 10 Duality

#### **V Intermediate Microeconomics-I (BECC 105) 6 credits**

This course on Intermediate microeconomics builds up on the Principles of Microeconomics course studied in Semester 1 and provides an analysis of how the economic theory developed can be directly applied to help economic agents in taking decisions pertaining to maximising utility, minimising cost, maximising profit, taking output or pricing decisions, etc. It achieves this through combining microeconomic theory with the application part using graphical analysis, algebra and calculus. In order to grasp this course well, a student is expected to have passed an introductory microeconomics course, and have some working knowledge of calculus (mostly derivatives), basic algebra and graphing skills.

The course structure is divided into 3 blocks. Each block is further sub-divided in a number of Units. Each Unit in itself is self-contained and has organic linkages with all other Units. Throughout the course, in each unit, student will encounter a synchronized set of introductory theory, illustrative examples and check your progress exercises—designed to provide conceptual clarity to the student. In a way, allowing students to develop their abilities to evaluate, analyze and synthesize economic information.

##### **SYLLABUS**

#### **Block 1 Consumer theory**

Unit 1 Preferences and Utility  
Unit 2 Consumer's Equilibrium  
Unit 3 Consumer's Surplus  
Unit 4 Choice under Uncertainty and Inter-temporal Choice

#### **Block 3 Equilibrium Under Perfect Competition**

Unit 7 Profit Maximisation by a Competitive Firm  
Unit 8 Efficiency of a Competitive Market

## **Block 2 Production and Cost**

Unit 5 Production Function with One and More Variable Inputs

Unit 6 Cost Function

## **VI Intermediate Macroeconomics – I (BECC 106)**

**6 credits**

This course introduces the students to formal modeling of a macro-economy in terms of analytical tools. It discusses various alternative theories of output and employment determination in a closed economy in the short run as well as medium run, and the role of policy in this context. It also introduces the students to various theoretical issues related to an open economy.

### **SYLLABUS**

#### **Block 1: Aggregate Demand and Supply**

Unit 1 Aggregate Demand Curve

Unit 2 Aggregate Supply Curve

Unit 3 Equilibrium Output and Prices

#### **Block 2: Expectations, Inflation and Unemployment**

Unit 4 Adaptive Expectations

Unit 5 Rational Expectations

Unit 6 Inflation and Unemployment

#### **Block 3: Balance of Payments and Exchange Rates**

Unit 7 Financial Markets

Unit 8 Balance of Payments

Unit 9 Exchange Rate Determination

#### **Block 4: Open Economy Models**

Unit 10 Mundell-Fleming Model

Unit 11 Dornbusch's Overshooting Model

Unit 12 Macroeconomic Policy in an Open Economy

## **VII Statistical Methods for Economics (BECC 107)**

**6 credits**

This course introduces students to the concepts and techniques of presentation and summarisation of data. It then develops the notion of probability, followed by probability distributions of discrete and continuous random variables. It introduces students to basics of sampling and statistical inference. In addition, the course provides elementary ideas of index number, deterministic time series and demography.

### **SYLLABUS**

#### **Block 1 Descriptive Statistics**

Unit 1 Basic Statistical Concepts

Unit 2 Tabulation and Graphical Representation of Data

Unit 3 Summarisation of Univariate Data

Unit 4 Moments and Skewness-Kurtosis

#### **Block 2 Summarisation of Bivariate and Multivariate Data**

Unit 5 Correlation and Regression

Unit 6 Index Numbers

#### **Block 3 Probability Theory**

Unit 9 Elementary Probability

Unit 10 Discrete Probability Distributions

Unit 11 Continuous Probability Distributions

#### **Block 4 Sampling and Statistical Inference**

Unit 12 Sampling Procedure

Unit 7 Deterministic Time Series and Forecasting  
Unit 8 Demography

Unit 13 Estimation and Testing of Hypotheses  
Unit 14 Chi-squared Test

**VIII Intermediate Microeconomics-II (BECC 108) 6 credits**

This course on Intermediate microeconomics builds up on the Principles of Microeconomics course studied in Semester 1 and provides an analysis of how the economic theory developed can be directly applied to help economic agents in taking decisions pertaining to maximising utility, minimising cost, maximising profit, taking output or pricing decisions, etc. It achieves this through combining microeconomic theory with the application part using graphical analysis, algebra and calculus. In order to grasp this course well, a student is expected to have passed Introductory Microeconomics and Intermediate Microeconomics-I courses, and have some working knowledge of calculus (mostly derivatives), basic algebra and graphing skills.

The course structure is divided into 4 blocks. Each block is further sub-divided in a number of Units. Block 1 deals with the issues relating to the General Equilibrium framework in the context of Production and the Overall Efficiency and welfare Economics. Block 2 and 3 throw light on various forms of the markets under Imperfect Competition. In real-life situations, market does not provide results as envisioned by the price theory. Such a market failure is observed in case there are externalities, Public goods and/or asymmetric information. Hence, these issues have been covered in Block 4.

**SYLLABUS**

**Block 1 General Equilibrium**

Unit 1 General Equilibrium with Production.  
Unit 2 Overall Efficiency and Welfare Economics

**Block2 Imperfect Competition I**

Unit 3 Monopoly  
Unit 4 Monopolistic Competition

**Block3 Imperfect Competition II**

Unit 5 Oligopoly  
Unit 6 Game Theory and its Applications

**Block4Market Failure**

Unit 7 Externalities and Public Goods  
Unit 8 Asymmetric Information

**IX Intermediate Macroeconomics –II (BECC 109) 6 credits**

This course is a sequel to BECC - 106: Intermediate Macroeconomics - I. In this course, the students are introduced to issues in the long run such as economic growth and technical progress. The course provides the micro-foundations to the various aggregative concepts used in BECC- 106.



## SYLLABUS

### **Block 1: Economic Growth**

- Unit 1 Harrod-Domar Model
- Unit 2 Solow Model
- Unit 3 Endogenous Growth Models
- Unit 4 Business Cycle

### **Block 2: Microeconomic Foundations**

- Unit 5 Inter-temporal Choice
- Unit 6 Investment Function
- Unit 7 Demand for Money: Post Keynesian View

### **Block 3: Fiscal and Monetary Policy**

- Unit 8 Fiscal Policy
- Unit 9 Monetary Policy

### **Block 4: Schools of Macroeconomic Thought**

- Unit 10 Evolution of Macroeconomic Thought –I
- Unit 11 Evolution of Macroeconomic Thought –II

## **X Introductory Econometrics (BECC 110)**

**6 credits**

This course provides a comprehensive introduction to basic econometric concepts and techniques. It covers statistical concepts of hypothesis testing, estimation and diagnostic testing of simple and multiple regression models. The course also covers the consequences of violations of assumptions and their detection/treatment.

## SYLLABUS

### **Block 1: Econometric Theory: Fundamentals**

- Unit 1 Introduction
- Unit 2 Over view of Statistical Concepts
- Unit 3 Overview of Testing of Hypotheses

### **Block 2: Regression Models: Two-variables Case**

- Unit 4 Simple Linear Regression Model: Estimation
- Unit 5 Simple Linear Regression Model: Inference
- Unit 6 Extension of Two Variable Regression Models

### **Block 3: Multiple Regression Models**

- Unit 7 Multiple Linear Regression Model: Estimation
- Unit 8 Multiple Linear Regression Model: Inference
- Unit 9 Extension of Regression Models

### **Block 4: Treatment of Violations of Assumptions and Specification**

- Unit 10 Multicollinearity
- Unit 11 Heteroscedasticity
- Unit 12 Autocorrelation

## **XI Indian Economy-I (BECC 111)**

**6 credits**

The course introduces the students to the basic features of Indian Economy. The state of economy as we inherited it at the time of independence, resources available and constraints, structural changes in the economy as it has evolved over time, demographic features, etc. are dealt with. Critical issues of Indian economy like poverty, inequality, unemployment, health and nutritional status, etc. are discussed. An international comparative profile of issues like growth and structural changes, trade and balance of payment, and governance and institutions is also provided.

### **SYLLABUS**

#### **Block 1: Economic Development Since Independence**

Unit 1 Economy at the Time of Independence

Unit 2 Development Paradigms

Unit 3 Structural Changes

Unit 4 Resources and Constraints

#### **Block 2: Population and Human Development**

Unit 5 Demographic Features

Unit 6 Education Sector

Unit 7 Health and Nutrition

#### **Block 3: Growth and Distribution**

Unit 8 Poverty

Unit 9 Inequality

Unit 10 Employment and Unemployment

#### **Block 4: International Comparisons**

Unit 11 Growth and Structural Changes

Unit 12 Social and Economic Development

Unit 13 Trade and Balance of Payment

Unit 14 Governance and Institutions

## **XII Development Economics-I (BECC 112)**

**6 credits**

This course familiarizes the students with the concepts of economic growth and development. The course discusses the concepts of growth and development. The students learn about growth theories and models, and the determinants of growth. The course also discusses poverty and inequality, and also political institutions, democracy, regulation, as well as government failure.

### **SYLLABUS**

#### **Block 1: Growth and Development**

Unit 1 Concepts, Indicators and Measurement

Unit 2 International Comparisons

#### **Block 2 Growth Models: Theory and Evidence**

Unit 3 Introduction to Growth Models

Unit 4 Harrod-Domar Model

Unit 5 The Solow Model

Unit 6 Endogenous Growth Models

Unit 7 Determinants of Growth

#### **Block 3 Inequality and Poverty**

Unit 8 Inequality

Unit 9 Poverty

#### **Block 4 Political Institutions and the Functioning of the State**

Unit 10 Institutions and Evolution of Democracy

Unit 11 Theories of Regulation

Unit 12 Government Failure and Corruption

### **XIII Indian Economy-II (BECC 113)**

**6 credits**

After introducing the basic features of Indian Economy in the course BECC 111, the present course introduces you to the macroeconomic policy dimensions and provides a sectoral perspective of Indian economy. Under the former, it covers the four themes of: (i) monetary policy, (ii) fiscal policy, (iii) trade and investment policy and (iv) labour laws and regulations. Under the latter, the course deals with the different issues of three broad sectors viz. agricultural sector, industrial sector and services sector.

#### **SYLLABUS**

##### **Block 1: Macroeconomic Policies**

- Unit 1 Monetary Policy
- Unit 2 Fiscal Policy
- Unit 3 Trade and Investment Policy
- Unit 4 Labour Laws and Regulations

##### **Block 2: Agricultural Sector**

- Unit 5 Performance of Agricultural Sector
- Unit 6 Agrarian Relations and Market Linkages
- Unit 7 Capital Formation and Productivity
- Unit 8 Agricultural Policy

##### **Block 3: Industrial Sector**

- Unit 9 Industrial Growth and Policy
- Unit 10 Small Scale Industries

##### **Block 4: Services Sector**

- Unit 11 Features of Services Sector
- Unit 12 Policy Issues for Services Sector

### **XIV Development Economics-II (BECC 114)**

**6 credits**

This course extends the discussion from core course BECC 112 on the economics of economic growth and development. The students learn about demography and development. The course discusses the markets for labour, land and credit in developing countries. The students also learn about the role of communities and social institutions in development. The course also aims to provide a detailed and balanced discussion about globalization and development.

#### **SYLLABUS**

##### **Block 1: Demography and Development**

- Unit 1 Demographic Concepts
- Unit 2 Demographic Transitions and Process of Development

##### **Block 2: Land, Labour and Credit Markets**

- Unit 3 Land
- Unit 4 Labour
- Unit 5 Credit

##### **Block 3: Individuals, Communities and Collective Outcomes**

- Unit 6 Individual Behaviour in Social Environments
- Unit 7 Governance in Organisations and Communities
- Unit 8 Environment and Sustainable Development

##### **Block 4 Globalisation and Development**

- Unit 9 Globalisation in Historical Perspective
- Unit 10 The Economics of Globalisation

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## 2 DISCIPLINE SPECIFIC ELECTIVES

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### I Economics of Health and Education (BECE 141) 6 credits

This elective course introduces you to the concepts of human capital and human development. Issues of measurement of health benefits and educational outcomes are discussed. Role of government in the context of market failure (as it applies to the sectors of education and health), health policy and policy for financing of education in India are explained.

#### SYLLABUS

##### Block 1 Introduction

Unit 1 Health and Education for Human Capital

Unit 2 Role of Health in Human Development

##### Block 2 Foundations of Health Economics

Unit 3 Demand for Healthcare Services

Unit 4 Supply of Healthcare Services

Unit 5 Measurement of Health Benefits

##### Block 3 Health Policy

Unit 6 Market Failure and the Role of the Government

Unit 7 Public Health Services

##### Block 4 Health Sector in India

Unit 8 Status of Health and Medical Care in India

Unit 9 Health Policy in India

##### Block 5 Economics of Education

Unit 10 Human Capital

Unit 11 Demand and Supply Considerations of Education

##### Block 6 Education Sector in India

Unit 12 Status of Educational Outcomes

Unit 13 Government Policy and Financing of Education in India

### II Applied Econometrics (BECC 142) 6 credits

The aim of this course is to provide a foundation in applied econometric analysis and develop skills required for empirical research in economics. Since the emphasis is on application of methods, this course includes providing an understanding of econometric software and computing skills.

#### SYLLABUS

##### Block 1: Empirical Issues in Econometric Research

Unit 1 Stages in Empirical Research

Unit 2 Specification Issues

Unit 3 Model Selection Criteria

##### Block 3: Panel Data Models

Unit 8 Introduction to Panel Data

Unit 9 Estimation of Panel Data Models

**Block 2: Advanced Topics in Regression Analysis**

Unit 4 Distributed-lag Models  
 Unit 5 Auto-regressive Models  
 Unit 6 Simultaneous Equation Models - I  
 Unit 7 Simultaneous Equation Models - II

**Block 4 Introduction to Econometric Software Packages**

Unit 10 Introduction to GRET  
 Unit 11 Introduction to E-Views  
 Unit 12 Introduction to STATA

**III Environmental Economics (BECE 143)****6 credits**

Reviewing the concepts of microeconomics and welfare economics, this elective course discusses the themes of market failure and property rights in the context of environment. The two approaches to deal with environmental issues viz. command and control policy approach and market based instrument are explained. Issues of Transboundary environmental problems and linkage of environment with trade are discussed. Other major related themes like: (i) green accounting, (ii) sustainability and (iii) valuation of environment are also discussed.

**SYLLABUS****Block 1: Introduction**

Unit 1 Economy and Environment  
 Unit 2 Review of Microeconomics and Welfare Economics

**Block 2: Theory of Externalities**

Unit 3 Market Failure  
 Unit 4 Property Rights and Coase Theorem

**Block 3: Environmental Policy**

Unit 5 Command and Control Policy Approach  
 Unit 6 Market Based Instruments  
 Unit 7 Implementation of Environmental Policy

**Block 4: International Environmental Problems**

Unit 8 Transboundary Environmental Problems  
 Unit 9 Trade and Environment

**Block 5: Valuation of Environment**

Unit 10 Economic Value of Environmental Services  
 Unit 11 Non-market Valuation of Environmental Services  
 Unit 12 Green Accounting

**Block 6: Sustainable Development**

Unit 13 Sustainable Development  
 Unit 14 Growth and Environment

**IV Financial Economics (BECE 144)****6 credits**

This Discipline Specific Elective Course introduces the students to financial instruments, institutions and markets. The students are familiarized with statistical tools relevant to finance, as well as with spreadsheet software. The course discusses cash flows- deterministic and random-as well as with asset pricing (including the pricing of derivatives). The students also learn about corporate finance and policy.

## SYLLABUS

### **Block 1 Financial Instruments Markets and Institutions**

- Unit 1 Financial Markets
- Unit 2 Financial Institutions
- Unit 3 Financial Instruments

### **Block 2 Elementary Statistics and Spreadsheets**

- Unit 4 Elementary Statistics
- Unit 5 Elementary Spreadsheets

### **Block 3 Deterministic Cash Flow Streams**

- Unit 6 Basic Theory of Interest
- Unit 7 Fixed Income Securities

### **Block 4 Single-Period Random Cash Flows**

- Unit 8 Risk and Uncertainty
- Unit 9 Random Assets
- Unit 10 Portfolio Mean and Variance Analysis

### **Block 5 Asset Pricing**

- Unit 11 Markowitz Model
- Unit 12 Capital Asset Pricing Model

### **Block 6 Pricing of Futures Options and Other Derivatives**

- Unit 13 Forwards and Futures
- Unit 14 Options Swaps and Other Derivatives

### **Block 7 Corporate Finance and Policy**

- Unit 15 Patterns of Corporate Financing
- Unit 16 Corporate Policy

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### 3 ABILITY/SKILL ENHANCEMENT COURSES

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#### **BEVAE 181: Environment Studies**

Earth is the only known planet in the solar system that supports life. Despite the vastness of the earth, life exists only in a very thin layer enveloping the earth called biosphere. Sun is the only source of energy which enables continuous interaction among various life forms. For a long period of time, there has been a symbiotic relationship between human being and nature. Due to excessive human interference and unsustainable practices, millions of people's life and livelihoods and other living organisms on the earth are at risk. These environmental issues have now become common problems and shared responsibility of each individual on the earth to act judiciously to reverse these negative impacts. Therefore, there has been a growing need to create awareness amongst all the stakeholders. Keeping this in view, Environmental Study is being introduced as a compulsory course for all the learners at under-Graduate level.

#### **Block 1 An Introduction to Environment and Environmental Issues**

- Unit 1 Our Environment
- Unit 2 Ecosystems
- Unit 3 Major Ecosystems

- Unit 8 Biodiversity: Threats and Conservation
- Unit 9 Environmental Pollution and Hazard
- Unit 10 Waste Management
- Unit 11 Global Environmental Issues

#### **Block 2 Natural Resources**

- Unit 4 Land and Water
- Unit 5 Forest Resources
- Unit 6 Biodiversity: Value And Services
- Unit 7 Energy Resources

#### **Block 4 Protecting our Environment: Policies and Practices**

- Unit 12 Environmental Legislation
- Unit 13 Human Communities and Environment
- Unit 14 Environmental Ethics

#### **Block 3 Environmental Issues and Concerns**

TMA-Based on Field Work- Report of be submitted – 5 hours

- Visit to an area to document environmental assets: river/forest/ flora/ fauna etc.
- Visit to a local polluted site- Urban/ Rural / Industrial/ Agricultural
- Study of common plants, insects, birds and basic principles of identification
- Study of simple ecosystems-pond, river, Delhi Ridge, etc.

#### **BEGAE 182: English Communication Skills**

**4 credits**

English Communication Skills is of 4 credits and has 3 Blocks and 11 Units. Communication involves both verbal and non-verbal communication. In this Course we give you an understanding of the communication process, the barriers to it, the skills involved in communication i.e. listening, speaking, reading and writing in both formal and informal contexts. We discuss the differences between spoken and written forms of the language and make you sensitive to conversational skills which include to a large extent, body language.

## **BHDAE 182: हिंदी भाषा और संप्रेषण**

**4 credits**

ठस पाठ्यक्रम में हिंदी भाषा और संप्रेषण से संबंधित बिंदुओं का अध्ययन कराया जाएगा। यह पाठ्यक्रम 4 क्रेडिट का है। इस पाठ्यक्रम में हिंदी भाषा और संप्रेषण से संबंधित निम्नलिखित बिंदुओं को शामिल किया गया है:

हिंदी भाषा का विकास, भाषा की परिभाषा, प्रकृति एवं विविध रूप; हिंदी भाषा की विशेषताएँ : क्रिया, विभक्ति, सर्वनाम, विशेषण एवं अव्यय संबंधी। हिंदी की वर्ण-व्यवस्था : स्वर एवं व्यंजन। स्वर के प्रकार-ह्रस्व, दीर्घ तथा संयुक्त। व्यंजन के प्रकार-स्पर्श, अन्तस्थ, ऊष्म, अल्पप्राण, महाप्राण, घोष तथा अघोष। वर्णों का उच्चारण स्थान : कण्ठ्य, तालव्य, मूर्द्धन्य, दन्त्य, ओष्ठ्य तथा दन्तोष्ठ्य। बलाघात, संगम, अनुतान तथा संधि। भाषा संप्रेषण के चरण: श्रवण, अभिव्यक्ति, वाचन तथा लेखन। हिंदीवाक्य रचना, वाक्य और उपवाक्य। वाक्य भेद। वाक्य का रूपान्तर।

## **BPCS 185: Developing Emotional Competence**

**4 Credits**

The course is a skill enhancement course and is offered in the *third semester*. The course will introduce the concept of emotion and highlight the relationship between emotional intelligence and emotional competence. Further, it will help the learners know and acquire different strategies to develop emotional competencies.

## **BECS 184: Data Analysis**

**4 credits**

In the present era of information society, information is one of the major driving forces for social, economic, political and cultural development of a country. Information is created, presented in various visual forms, related with other form of information and then used for economic and decision making activities.

One of the key ingredients of creating information is Data. The data is the raw form of information which is to be collected, cleaned and processed. Data, therefore, need to be analyzed and converted to simpler presentable forms like tables and graphs so that it can be utilized in a more meaningful manner. The knowledge of tools and techniques of data collection, data presentation and data analysis by using the spread sheet package is high in demand in almost all the sectors of economy. This skill enhancement course will equip you with the tools and techniques of collection, presentation and analysis of data through using the spreadsheet package (excel) which, in turn, will enhance your employability. The course comprises of four blocks.

### **SYLLABUS**

#### **Block 1 Review of Mathematical and Statistical Concepts**

- Unit 1 Mathematical Concepts
- Unit 2 Statistical Concepts
- Unit 3 Introduction to Statistical Software

#### **Block 2 Data Collection and Presentation of Data**

- Unit 4 Data Collection: Methods and Sources
- Unit 5 Tools of Data Collection
- Unit 6 Data Presentation



**Block 3 Analysis of Quantitative Data**

- Unit 7 Univariate Data Analysis
- Unit 8 Bivariate Data Analysis
- Unit 9 Multivariate Data Analysis

**Block 4 Composite Index Numbers and Qualitative Data**

- Unit 10 Composite Index Numbers
- Unit 11 Analysis of Qualitative Data

**4. GENERIC ELECTIVES****BSOG 171: Indian Society: Images and Realities****6 credits**

This course provides an interdisciplinary introduction to Indian society.

**SYLLABUS****Block 1 Ideas of India**

- Unit 1 Civilization and Culture
- Unit 2 India as Colony
- Unit 3 Nation, State and Society

- Unit 7 Caste and Class
- Unit 8 Tribe and Ethnicity
- Unit 9 Family and Marriage
- Unit 10 Kinship

**Block 2 Institutions and Processes**

- Unit 4 Village India
- Unit 5 Urban India
- Unit 6 Language and Religion and Protest

**Block 3 Critiques**

- Unit 11 Class, Power and Inequality
- Unit 12 Resistance

**BPAG 172: Governance: Issues and Challenges****6 Credits**

This Course on ‘Governance: Issues and Challenges’ deals with the concepts, various dimensions and emerging perspectives on governance bringing forth the major debates in the contemporary times. An attempt is made to introduce the learners to the concepts of globalisation, government, State, market, civil society and governance.

It examines the conceptual dimensions, governance framework in India and role of stakeholders in governance. The changing dimensions of development and varied aspects of strengthening of democracy through governance are analysed. The gamut of governance in contemporary times is expanding with new perspectives such as changing role of bureaucracy, information and communication technology, impact of media, transparency and accountability, sustainable human development, corporate governance, which form part of this Course.

The important aspects of local governance, inclusive and participative governance are discussed. The essence of governance is explored in the Course through various good governance initiatives in India.

## SYLLABUS

<b>Block 1 Government and Governance: Concepts</b>	Unit 9	Role of Media	
Unit 1	Globalisation: Role of State, Market and Civil Society	Unit 10	Corporate Governance
Unit 2	Governance: Conceptual Dimensions	Unit 11	Sustainable Human Development
Unit 3	Governance Framework in India	Unit 12	Transparency and Accountability
Unit 4	Stakeholders in Governance	<b>Block 4 Local Governance</b>	
<b>Block 2 Governance and Development</b>	Unit 13	Decentralisation and Local Governance	
Unit 5	Changing Dimensions of Development	Unit 14	Inclusive and Participative Governance
Unit 6	Strengthening Democracy through Governance	<b>Block 5 Good Governance Initiatives in India</b>	
<b>Block 3 Governance: Emerging Perspectives</b>	Unit 15	Public Service Guarantee Act, Citizen's Charter, Right to Information, Corporate Social Responsibility	
Unit 7	Governance Challenges and Changing Role of Bureaucracy		
Unit 8	Information and Communication Technology and Governance		

### **BPAG 173: E-governance**

**6 credits**

This Course deals with the conceptual framework of e-governance in public administration organisations. Highlighting the concept, models, roles, and significance, ICT-components and applications, and information systems, this Course encompasses all vital areas and sectors pertaining to rural development, urban development, e-learning, e-commerce, and e-health. Further, it deals with certain measures for an effective implementation of e-governance.

## SYLLABUS

<b>Block 1 E-governance-A Conceptual Framework</b>	Unit 5	E-governance in Government Departments/Institutions/Agencies	
Unit 1	Concept, Models, Roles, and Significance		
Unit 2	ICT-Components and Applications	<b>Block 3 Role of ICT in Local Governance</b>	
Unit 3	Information Systems	Unit 6	E-Rural Development
<b>Block 2 Role of ICT in Administration</b>	Unit 7	E-Urban Development	
Unit 4	Transforming Administrative Culture	Unit 8	E-learning
		Unit 9	E-commerce
		Unit 10	E-health

**Block 4 Measures for Effective Implementation of E-governance**

Unit 11 Challenges, Measures for having effective e-governance

## **BPAG 174: Sustainable Development**

**6 Credits**

The Course attempts to examine the challenges of balancing development and environment. The objective of the Course is to explain the major components of Sustainable Development by underlining its meaning, nature and scope. It brings home the point that it is not possible to develop, if we are disregarding of what is left behind for our future progeny. The Course examines the goals of Sustainable Development and discusses the role of Global Commons and Climate Change. The specific feature of the Course is its focus on the relationship between Sustainable Development and Developmental Goals as well as alternative ways of Resource Generation and Capacity Enhancement.

### **SYLLABUS**

#### **Block 1 Concept of Sustainable Development**

Unit 1 Meaning, Nature and Scope of Sustainable Development

Unit 2 Major Components of Sustainable Development

Unit 3 Approaches to Sustainable Development

Unit 4 Goals of Sustainable Development

#### **Block 2 Development, Sustainability and Climate Change**

Unit 5 Concept of Global Commons and Climate Change

Unit 6 International Conventions on Sustainable Development

Unit 7 Interrelationship among Development, Sustainability and Climate Change: Case for Differentiated Responsibilities

#### **Block 3 Health, Education and Food Security**

Unit 8 Relationship between Sustainable Development and Food Security

Unit 9 Role of Green and Converging Technologies toward Health, Sanitation and Food Security

Unit 10 Role of Education in Sustainable Development

#### **Block 4 Sustainable Development: A Way Forward**

Unit 11 Role of Policy Innovations in Sustainable Development

Unit 12 Recognition of Ecological limits of Equity and Justice

Unit 13 Alternative ways of Resource Generation and Capacity Enhancement