

# **MASTER OF ARTS IN ECONOMICS (MAEC)**

## **PROGRAMME GUIDE**

**Please keep this Programme Guide safely till you complete the Programme. You will need to consult it while working on the Programme.**



**ignou**  
THE PEOPLE'S  
UNIVERSITY

**School of Social Sciences**

**Indira Gandhi National Open University  
Maidan Garhi, New Delhi- 110068**

### ***Important Information***

*“The University sends study materials to the students by registered post and if a student does not receive the same for any reason whatsoever, the University shall not be held responsible for that.”*

*“In case you want to have access to IGNOU course materials in electronic form you may visit the website – [www.egyankosh.ac.in](http://www.egyankosh.ac.in) .”*

*“Assignments are uploaded online on the University’s website. Students are advised to download it from the IGNOU website – [www.ignou.ac.in](http://www.ignou.ac.in).”*

*“The students are specifically instructed to submit the Examination Forms through online mode ONLY and as suggested under Section 7.2. Students are also advised to submit the Registration/Re-registration Forms through online mode ONLY and with late fee as per instructions given under Section 4. If any student sends the Registration/Re-registration Forms, Examination Forms at wrong places and thereby misses the scheduled date and consequently a semester/year, he/she will have no claim on the University for regularization.”*

### ***Regional Centres and Study Centres***

*“A Complete list of Regional Centres of the University, their jurisdiction and Study Centres/Learner Support Centres for M.A. Economics is given at our website. Please visit the website to check them ([www.ignou.ac.in](http://www.ignou.ac.in)).”*

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## **Print Production**

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Section Officer (Publication)  
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*Further information on the Indira Gandhi National Open University courses may be obtained from the University’s office at Maidan Garhi, New Delhi-110 068 or the official website of IGNOU at [www.ignou.ac.in](http://www.ignou.ac.in)*

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# CONTENTS

	<b>Page No.</b>
1. THE UNIVERSITY	5
2. THE SCHOOL OF SOCIAL SCIENCES	6
3. M.A. ECONOMICS (MAEC) PROGRAMME STRUCTURE	6
4. SCHEME OF STUDY	10
5. FEE STRUCTURE AND SCHEDULE OF PAYMENT	11
6. INSTRUCTIONAL SYSTEM	12
Print Material	12
Counselling	13
Study Centre	14
7. EVALUATION	14
Assignments	15
Term End Examinations	18
8. OTHER USEFUL INFORMATION	21
9. DETAILS OF M.A. ECONOMICS (MAEC) COURSES	27
10. SOME FORMS FOR YOUR USE	70
11. FREQUENTLY ASKED QUESTIONS (FAQs)	90

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# 1. THE UNIVERSITY

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The Indira Gandhi National Open University (IGNOU) was established in 1985 through an Act of Parliament to achieve the following objectives:

- democratizing higher education by taking it to the doorstep of the learners
- providing access to quality education to all those who seek it irrespective of age, region, religion and gender
- offering need-based academic programmes by giving professional and vocational orientation to the courses
- promoting and developing distance education in India
- setting and maintaining standards in distance education in the country as an apex body.

The University began by offering two academic programmes in 1987, viz., Diploma in Management and Diploma in Distance education, with a strength of 4528 students. Today, it serves the educational aspirations of over 2.6 million students in India and 36 other countries through a network of 21 schools of studies and a network of 69 Regional Centres, over 2063 learner support centres and about 25 overseas centres across 15 nations. The University offers about 315 academic programmes comprising of 95 programmes at certificate level, 26 at diploma level, 63 at post graduate diploma level, 31 at UG level, 62 at PG level and 35 at doctoral level, with strength of around 420 faculty members and academic staff at headquarters and regional centres and about 36000 academic counsellors from conventional institutions of higher learning, professional organizations, and industry among others.

## **Prominent Features**

IGNOU has certain unique features such as:

- international jurisdiction
- flexible admission rules
- individualized study: flexibility in terms of place, pace and duration of study
- use of latest information and communication technologies
- nationwide student support services network
- cost effective programmes
- resource sharing, collaboration and networking with conventional universities, open universities and other institutions/organizations
- socially and academically relevant programmes based on students need analysis
- convergence of open and conventional education systems

## **Important Achievements**

- Awarded A++ rating by NAAC
- Emergence of IGNOU as the largest Open University in the world
- Recognition as Centre of Excellence in Distance Education by the Commonwealth

of Learning (1993)

- Award of Excellence for distance education materials by Commonwealth of Learning (1999)
- Launch of a series of 24-hour Educational TV Channels ‘Gyan Darshan’. IGNOU is the nodal agency for these channels and regular transmissions are done from the studio at EMPC, IGNOU
- National coordinator for design and delivery of MOOC courses at certificate and diploma level.
- Launch of ‘EDUSAT’ videoconferencing channel
- Launch of ‘Gyan Vani’ and other dedicated educational FM channels
- Launch of four Swayam Prabha channels as part of national policy’s execution for the use of ICT in education.

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## **2. THE SCHOOL OF SOCIAL SCIENCES**

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All academic programmes and courses are developed by the 21 Schools of Studies of the University. School of Social Sciences is the biggest school in terms of the number of disciplines, courses offered and faculty strength. The School enfold eight disciplines, viz., Anthropology, Economics, History, Library and Information Science, Political Science, Public Administration, Psychology and Sociology. It offers a large number of academic, professional and socially relevant programmes of study for award of Ph.D. Degrees, Master’s Degrees, Bachelor’s Degrees, Post-Graduate Diplomas, Diplomas and Certificates.

Economics Faculty offers Ph.D. programme in Economics, M. A. in Economics, BA honours in Economics and Bachelor of Arts (BAG).

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## **3. M.A. ECONOMICS (MAEC) PROGRAMME STRUCTURE**

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The M.A. Economics (MAEC) programme offers an opportunity to learners for higher studies in Economics. In tune with the New Education Policy 2020 and in line with the UGC Guidelines on multiple entry-exit, credit norms and national higher education qualification framework, the MA Economics Programme has been restructured. The programme is being offered in semester mode consisting of four semesters of 20 credits each. **However, the examination of the courses will be conducted on annual basis i.e., the examination of first and second semester will be conducted together after the completion of one year of study. Similarly, the examination of third and fourth semester will be conducted together after completion of second year.** Thus, the total credits of the programme are 80 credits. While all the courses in first, second and third semester are compulsory, in the fourth semester student may opt any area of specialization out of the four groups (A-Data Analytics, B-Energy and Environmental Economics, C-Insurance and Finance, D-Social Policy) by completing 20 credit courses from that particular group. The student not willing to have specialization may opt any 20 credit courses out of the four groups (A,B,C,D).

### **Expected Programme Learning Outcomes (PLOs):**

The Programme aims to:

1. Develop the abilities of the learners to explain the functioning of the economy at local, regional, national and global levels.
2. Equip the learners with analytical skills (both theoretical and quantitative) to analyse day-to-day events and developments in various sectors of the economy.
3. Develop research potential of the learners to meet the emerging needs of the teaching and research activities in colleges and universities.
4. Enable the learners to explain economic events with the help of economic theory and empirical data.
5. Upgrade the existing knowledge of the existing teachers and learners who are already employed in the various departments.

### **SEMESTER WISE PROGRAMME STRUCTURE OF MAEC PROGRAMME**

#### **FIRST YEAR**

##### **FIRST SEMESTER**

<b>S. NO.</b>	<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
1.	MEC-101	Microeconomic Analysis	6
2.	MEC-102	Macroeconomic Analysis	6
3.	MEC-203	Quantitative Methods	8
<b>Total Credits</b>			<b>20</b>

##### **SECOND SEMESTER**

<b>S. NO.</b>	<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
4.	MEC-104	Economics of Growth and Development	8
5.	MEC-109	Research Methods in Economics	6
6.	MEC-205	Indian Economic Policy	6
<b>Total Credits</b>			<b>20</b>

#### **SECOND YEAR**

##### **THIRD SEMESTER**

<b>S. NO.</b>	<b>COURSE CODE</b>	<b>TITLE</b>	<b>CREDITS</b>
7.	MEC-106	Public Economics	6
8.	MEC-107	International Trade and Development	6
9.	MEC-110	Money, Financial Institutions and Markets	8
<b>Total Credits</b>			<b>20</b>

#### FOURTH SEMESTER

**Note: The student may opt any area of specialization out of the four groups A,B,C,D by completing 20 credits from that particular group. The students not willing to have specialization may opt any 20 credit courses out of the four groups.(A,B,C,D)**

GROUP	S. No.	COURSE CODE	TITLE	CREDITS
		<b>Compulsory Course</b>		
<b>Group A Specialization in Data Analytics</b>  <i>(All the courses of this group are available only in English)</i>	10.	MECE-101	Introductory Econometric Methods	4
	11.	MECE-102	Advanced Econometric Methods	4
	12.	MCS-226	Data Science and Big Data (From MCA Programme of IGNOU)	4
	13.	MCS-224	Artificial Intelligence and Machine Learning (From MCA Programme of IGNOU)	4
	14.	MGG-011	Geographical Information Systems-I (From MA Geography Programme)	4
	15.	MECP-102	Project Work-I	4
<b>Total Credits</b>				<b>24</b>
<b>Group B Specialization in Energy and Environmental Economics</b>	16.	MECE-101	Introductory Econometric Methods	4
	17.	MECE-102	Advanced Econometric Methods	4
	18.	MECE-104	Economics of Environment and Social Sector	6
	19.	MECP-101	Project Work-II	6
<b>Total Credits</b>				<b>20</b>
<b>Group C Specialization in Insurance and Finance</b>	20.	MECE-101	Introductory Econometric Methods	4
	21.	MECE-102	Advanced Econometric Methods	4
	22.	MECE-103	Actuarial Economics	6
	23.	MECP-101	Project Work-II	6
<b>Total Credits</b>				<b>20</b>



<b>Group D Specialization in Social Policy</b>	24.	MECE-101	Introductory Econometric Methods	4
	25.	MGPE-6	Gandhi's Economic Thoughts	4
	26.	MWG 011	Women in the Economy	8
	27.	MGSE 009	Gender issues in Work, Employment and Productivity	4
	28.	MECP-102	Project work	4
<b>Total Credits</b>				<b>24</b>

### **Eligibility**

In keeping with the policy of 'openness' and 'flexibility', admission to M.A. Economics (MAEC) is open to those having a Bachelor's degree from any recognized university in any discipline including those who have not studied Economics at the graduate level. There is no entrance test for seeking admission into the programme. There is no age bar for admission.

Some of the courses (MEC-101, MEC-203, MEC-109) require an understanding of mathematical applications, particularly calculus and linear algebra. Therefore, students are expected to be conversant with basic mathematics covered at +2 level.

### **Duration**

The M.A. Economics (MAEC) programme can be completed in a minimum of **two** years and a maximum of **four** years duration.

### **Medium of Instruction**

The M.A. Economics (MAEC) programme is offered in both English and Hindi. The student has to opt for a particular medium of study while applying for admission into the programme.

### **Credits**

The University follows the credit system for most of its programmes including MA (Economics). Each credit in our system is equivalent to 30 hours of student study comprising all learning activities (i.e., reading and comprehending print material, listening to audio-based materials, watching video-based materials, attending counselling sessions, teleconference and writing assignment responses). For obtaining M.A. Economics (MAEC) degree a student has to successfully complete courses worth 80 credits.

### **Course Preparation**

Learning material is specially prepared by teams of experts drawn from different universities and institutions in the area throughout the country as well as the in-house faculty. The outline of a course is finalised by the Expert Committee while the print material is written by course writers. Before final printing, the material undergoes several rounds of scrutiny by course coordinators and editors. Audio and video programmes are produced in consultation with subject experts, in-house faculty and producers. The audio-video materials are previewed and reviewed by the faculty as well as outside experts before they are dispatched for broadcast/telecast.

## **Programme Delivery**

The methodology of instruction in IGNOU is different from that of conventional universities. The Open University system is more learner-oriented and the learner is an active participant in the teaching and learning process. Most of the instructions are imparted through distance education methodology and counseling sessions are conducted under face-to-face mode as per requirement. The University follows a multi-media approach for instruction comprising self-instructional print material, audio-visual material, counselling sessions, teleconferencing sessions and assignments.

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## **4. SCHEME OF STUDY**

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The university reserves the right to change the rules from time to time. However, latest rules will be applicable to all the students irrespective of year of registration. The Programme is offered twice a year, in January and July.

### **Dispatch of Study Material**

For M.A. Economics (MAEC) programme all the study material will be despatched in two instalments. The first instalment will be made within 4 weeks of the last date of admission and the second dispatch will be made by November/December (for July admission cycle) or by May/June (for January admission cycle). For Assignments and Programme Guide you must visit eGyankosh on our website. You must download these and keep them handy for consultation easily. If you do not get material in time or receive defective material write to the 'Regional Director' of your Regional Centre or Registrar, MPDD, IGNOU, Maidan Garhi, New Delhi.

### **Decide Your Time Schedule**

The University offers flexibility and openness in the courses and duration for the completion of programmes. You should take full advantage of this flexibility. As indicated earlier, you can finish this programme in two years if you clear 80 credits. If you are not able to complete it within this period, you can take a maximum of four years to complete it. It would be better, if you plan it in a systematic way. Within two years you will receive study materials and assignments according to scheme of study but it is up to you to decide which courses you will complete in a particular year. Completion of a course would involve studying the course, completing the assignments and successful completion of the course through qualifying the term end examination (TEE).

You will have to devote approximately 180 hours of study to complete a six-credit course. For the three courses of 20 credits in each semester you need to put in about 600 study hours. You have to adjust your reading schedule keeping this workload in view. For example, if you could study for 300 days in a year, you need to put in on an average 3 hours per day. It is helpful to study consistently throughout the year rather than two or three months before the examinations.

If you are busy elsewhere and not able to fully devote yourself to the programme, you should fix your targets every semester wise. If you feel that instead of 30 credits you would do only 24

or 18 credits plan it from the beginning of the semester, study only these courses, do the assignments for them and appear for TEE. Carry over the rest to next year. Next year, again decide your goals. Whenever you decide to do the previous year's courses, always download and submit fresh assignments uploaded on the website. Submit them according to the schedule and appear in the TEE. Through a proper planning, you can finish this programme according to your convenience.

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

The programme fee is Rs.17,600/- to be paid in two installments. The fee for the first year i.e. first semester and second semester (Rs. 8,800) should be paid in lump sum along with development and registration fees as per university rules at the time of filling the application form for admission. In the second year (third and fourth) semester the fee (Rs. 8,800/-) is to be paid as per schedule without waiting for any communication from the University.

<b>Semester</b>	<b>Amount</b>	<b>When and How to Pay</b>	<b>Where to Submit</b>
1 <sup>st</sup>	Rs.8,800/-	Along with the admission form	For online submission, for Latest information, see website: <a href="http://www.ignou.ac.in">www.ignou.ac.in</a>
2 <sup>nd</sup>	Rs. 8,800/-	<b>Second year (third and fourth semester)</b> –1 <sup>st</sup> April to 30 <sup>th</sup> June	

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

The programme fee should be paid only by means of **Debit Card/Credit Card through online mode only.**

Timely payment of programme fees is the responsibility of the student. Students are expected to remit fee as early as possible without waiting for the last date.

### **Registration in 2<sup>nd</sup> year (3<sup>rd</sup> and 4<sup>th</sup> Semester)**

After the first year (1<sup>st</sup> and 2<sup>nd</sup> semester), whether you pass/attempt the first and second semester examination or not, you can seek admission for the second year (3<sup>rd</sup> /4<sup>th</sup> semester) by submitting the programme re-registration form with requisite programme fee within the re-registration schedule as notified by the university.

Re-registration form is to be submitted through **online** mode only at <https://ignou.samarth.edu.in>

**Note: Even if the university does not send any communication for re-registration in 2<sup>nd</sup> semester, you are advised to visit our website [www.ignou.ac.in](http://www.ignou.ac.in) during the relevant months as mentioned above to seek registration.**

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## 6. INSTRUCTIONAL SYSTEM

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The methodology of instruction in this University is different from that in the conventional universities. The Open University System is more learner-oriented in which the student 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,

- self-instructional print material
- audio and video cassettes
- audio-video programmes transmitted through Television and Radio
- teleconferencing session
- face-to-face counselling at Study Centres by Academic Counsellors
- assignments

### Print Material

Print material is the primary form of instructions. You should concentrate mainly on the printed materials that we send you periodically. The printed material would be sufficient to write assignment responses and prepare for the TEE.

### How to use Print Material

The print material prepared by the University is self-instructional in nature. Each course has been divided into a number of Blocks, generally 6-7 Blocks for a 6 credit course. Each Block consists of a number of Units. Normally, all the Units covered in one Block have a thematic unity. The first page of each Block indicates the contents of each Block, i.e., the number and titles of the Units covered in that Block. This is followed by a brief introduction to the Block. The Block introduction explains the coverage of the Block as a whole as well as the coverage of each Unit in that Block. In the first Block of every course, we have a course introduction, which would give you an idea about the main thrust and contents of the course.

Each Unit is structured in a way that facilitates self-study for you. Each Unit begins with **Objectives** which will provide you an idea on what you are expected to learn from the Unit. The **Introduction** provides an overview of the major theme of the unit. An attempt is made to forge a link with the topics of the previous Units and the topic to be covered in the present Unit. This is followed by the main text, which is divided into various sections and sub-sections.

The section **Let Us Sum Up** gives a brief account what has been discussed in the whole Unit. This summary enables you to recall the main points covered in the Unit. To facilitate comprehension, important words/terms covered in the Unit are explained in the section **Key Words**. Some books for additional reading are suggested in the section **Some Useful Books**. Some of these books would be available in the Study Centre. The **Check Your Progress** exercises

given in the end of a section are intended to give you an idea about the nature of questions that may be asked in the TEE. **Questions in Check Your Progress are for your practice only, and you should not submit answers to these questions to the University for assessment.**

Read the Units carefully and note 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 under the section **Key Words** or 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.

## **Counselling**

In distance education, face-to-face contact between the learners and their 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 students. There are experienced academic counsellors at the Study Centres to provide counselling and guidance to you in the courses that you have chosen for study. The counselling sessions for each of the courses will be held at suitable intervals throughout the academic session. Attendance in the counselling sessions is not compulsory. However, they may be useful in certain respects such as: to share your views on the subject with teachers and fellow students, comprehend some of the complex ideas or difficult issues, and get clarifications for many doubts which you would not otherwise try to raise.

Face-to-face counselling will be provided to you at the Study Centre assigned to you. You should note that the counselling sessions will be very different from the usual classroom teaching or lectures. 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. Besides, some of the audio and video cassettes that are available at that time will be played in the counselling sessions. For a 6-credit course there will be counselling of 18 hours duration. 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 are to be conducted within a week's time. The counselling sessions shall be held in both face to face and on-line mode.

**Before you go to attend the 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 counsellors.

## 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. The list of Study Centres activated for M.A. Economics (MAEC) please visit IGNOU's website [www.ignou.ac.in](http://www.ignou.ac.in)

Depending upon low enrolment in a Study Centre, or due to other operational reasons, the University may de-activate a Study Centre and the students of the de-activated Study Centre will be attached to another Centre. The concerned Regional Centre will inform the concerned students about the change after admissions are finalized.

A Study Centre will have six major functions:

- 1) **Counselling:** Face-to-face counselling for the courses will be provided at the Study Centres. The detailed programme of the counselling sessions will be sent to you by the Coordinator of your Study Centre.
- 2) **Evaluation of Assignments:** Tutor marked assignments (TMAs) will be evaluated by the Academic Counsellors appointed for different courses at the Study Centre. These assignments will be returned to you with tutor comments and marks obtained. These comments will help you in your studies.
- 3) **Library:** For each course some of the books suggested under 'Some Useful Books' will be available in the Study Centre Library. Audio and video programmes developed for M.A. Economics (MAEC) are also available in the Study Centre library.
- 4) **Information and Advice:** At the Study Centre you get relevant information regarding the courses offered by the University, counselling schedules, examination schedule, etc. You will also get guidance in choosing your optional courses.
- 5) **Audio-Video Facilities:** The Centres are equipped with audio-video facilities to help you make use of the audio and video cassettes prepared for different courses. Media notes of these audio-video programmes will also be available at the Study Centre. This will help you to know the contents of each programme.
- 6) **Interaction with Fellow-Students:** In the Study Centre you get an opportunity to interact with fellow students.

Please bring all your Units and your folder of corrected assignments with you when you come to the counselling session.

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## 7. EVALUATION

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The evaluation consists of two parts in theory courses: i) continuous evaluation through assignments, and ii) Term End Examination (TEE). In the final result all the assignments of a course carry 30 per cent weightage while 70 per cent weightage is given for TEE. For the course MECP-101 and MECP102: Project Report, which requires submission of a project report, there are no continuous evaluation and TEE. Evaluation for MECP-101 and MECP-102 is on the basis of Project Report.

Evaluation in M.A. Economics (MAEC) will be done under numerical marking scheme. The following is the scheme of awarding divisions:

I Division	- 60 per cent and above
II Division	- 50 per cent to 59.9 per cent
Pass	- 40 per cent to 49.9 per cent
Unsuccessful	- Below 40 per cent

In order to complete a course successfully you are required to score at least **40** per cent marks in continuous evaluation (assignments) and at least 40 per cent in TEE. Overall score in a course is the total of the scores in assignment and TEE. The division with which you pass the M.A. Economics (MAEC) programme is decided on the basis of combined percentage of marks obtained in all the courses.

Students can take TEE for first and second semester courses after completion of study of one year for the concerned courses. For example, students enrolled in July 2023 can take their TEE for first semester and II<sup>nd</sup> semester courses in June 2024 or thereafter. Similarly, TEE for III<sup>rd</sup> and IV<sup>th</sup> semester courses can be taken only after completion of 2 years of study. In case a student fails to qualify in a course s/he is allowed to take that course in any of the subsequent TEEs. Students have to successfully complete all the courses within 4 years of registration.

### **Assignments**

Assignments constitute the continuous evaluation. Submission of assignments is compulsory. The marks that you get in your assignments will be counted in your final result. As assignments carry 30 per cent weightage in your final score in the course, you are advised to take your assignments seriously. A simple omission on your part may cause loss to you and inconvenience at all levels in the University.

The main purpose of assignments is to test your comprehension of the learning materials you receive from us and also to help you get through the courses. The evaluators/ counsellors will send back the evaluated assignments with their comments. Do not forget to get back your evaluated TMAs along with a copy of the assessment sheet containing comments of the evaluator on your performance. The comments will surely guide you in your study and help in improving your comprehension and performance in the TEE.

The print materials should be sufficient for answering the assignments. At postgraduate level, it is expected that you will consult other prescribed books also. You need not however worry too much about the non-availability of extra reading materials for working on the assignments. The assignments are designed in such a way as to help you concentrate mainly on the print materials and your analytical capabilities.

*There is one TMA for each course. You will find the assignment booklet uploaded on eGyankosh of IGNOU Website. You have to submit the completed assignments before the deadline specified in the booklet of assignments. The assignments should be submitted to the Coordinator of your Study Centre. You will not be allowed to appear for the TEE for a course if you do not submit the specified number of assignments in time for that course. If you appear in TEE without submitting the assignments, the result of TEE would be liable to be cancelled.*

The University/Coordinator of the Study Centre has the right not to entertain or reject the assignments submitted after the due date. **You are, therefore, advised to submit the assignments before the due date.**

For your own record, retain a copy of all the assignment responses which you submit to the Coordinator of the Study Centre. Also maintain an account of the evaluated assignment responses. This will help you to represent your case to the University in case any problem arises.

If you do not get pass grade (40 per cent) in the assignment of any course, you have to submit a fresh assignment (meant for the next academic session) for that course. You cannot re-submit the answers to the old assignment. **To get fresh assignments you should check the eGyankosh of IGNOU Website and download the assignments from IGNOU website [www.ignou.ac.in](http://www.ignou.ac.in).** 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 (SED) at the University Headquarters. Score communicated by the Study Centre through any mode other than the award list will not be acceptable to the University for maintenance of student records.

*Do not enclose any other request or complaint along with the assignment responses. Send your requests/complaints separately to concerned Divisions/School.*

- 1) Write your Enrolment Number, Name, Full Address, Signature and Date on the top right hand corner of the first page of your assignment 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 booklet.**



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

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	ENROLMENT NO: _____
PROGRAMME CODE: _____	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 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 offer your 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 emphasize.
- 5) Use only foolscap size paper for your response and tie all the pages carefully. Avoid using very thin paper. Allow approximately 4 cm margin on the left and at least 4 lines in between each answer. This may facilitate the evaluator to write useful comments in the margin at appropriate places.
- 6) **Write the responses in your own hand and in your own words. Do not print or type the answers. Do not copy your answers from the Units/Blocks sent to you by the University or any other book. If you copy, you will be awarded zero.**
- 7) **Do not copy from the response sheets of other students. If copying is noticed, the assignments of such students 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 sent to the Coordinator of the Study Centre allotted to you. Under any circumstances do not send the TMA response sheets to the Student Registration and Evaluation Division at University's Head Quarters for evaluation.
- 11) After submitting the assignment at the Study Centre 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 TMAs 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 assignment response has not been evaluated or total of score recorded on assignment response is incorrect you should approach the Coordinator of your Study Centre for correction and transmission of correct score to headquarters.

### **Term End Examinations**

The University conducts TEE twice a year in the months of June and December. Students will be permitted to appear in TEE subject to the condition that registration for the courses in which they wish to appear is valid. Maximum time to pursue the programme is not elapsed and they have submitted the required number of assignment(s) in those courses by the due date.

### **Examination Date Sheet**

Examination date sheets (Schedule which indicates the date and time of examination for each course) are notified through IGNOU website– [www.ignou.ac.in](http://www.ignou.ac.in) from time to time. Thus, normally, the date sheet for June examination is available in April and for December examination in the month of September. 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 same time. If there is any clash, you are advised to choose one of them in that examination and the other course in the next examination (i.e., June or December as the case may be).

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

It is an essential pre-requisite for you to submit the Examination Form for taking examination in any course. Examination Form is available online at IGNOU website. Only one form is to be submitted for all the courses in one term-end examination. **You need to pay separate fee for the examinations.**

A fee of Rs.120/- per course is charged as examination fee. If result of the previous examination is not declared the fee for that course can be exempted while filling the form for the next exam. The detailed guidelines are available at IGNOU website [www.ignou.ac.in](http://www.ignou.ac.in). There is a separate late fee if forms are submitted after due date.

Keeping the interest of the students, University has approved the acceptance of the examination forms from the students through **online mode only**.

The details are given below.

<b>Description</b>	<b>June TEE</b>	<b>December TEE</b>	<b>Online submission</b>
Without late fee	Up to 30 <sup>th</sup> April	Up to 31 <sup>st</sup> October	Online submission For Latest information see website: <a href="http://www.ignou.ac.in">www.ignou.ac.in</a>
Late fee of Rs. 1000/-	1 <sup>st</sup> May to 10 <sup>th</sup> May	1 <sup>st</sup> November to 10 <sup>th</sup> November	Online submission

**For update and recent notification kindly visit University's website: [www.ignou.ac.in](http://www.ignou.ac.in)**

The examination forms with the requisite late fee shall be submitted by the students from **1<sup>st</sup> May to 10<sup>th</sup> May** for June TEE and **1<sup>st</sup> November to 10<sup>th</sup> November** for December TEE through **online mode only**. The examination fee should be paid by students through Debit/Credit Card only. Only one form is to be submitted for all the courses a student plans to take in a TEE. To avoid discrepancies in filling up examination forms/hardship in appearing in the TEE students are advised to:

- 1) remain in touch with their Study Centre/ Regional Centre/ SED for change in schedule of submission of examination form
- 2) fill up examination form for next TEE without waiting for the result of the previous TEE and also filling up for courses, for which result is awaited
- 3) fill up all the particulars carefully and properly in the examination form to avoid rejection /delay in processing of the form
- 4) retain proof of mailing/submission of examination form till Hall Ticket is received

Examination Forms received after due dates or without late fee, wherever applicable, shall be rejected.

### **Issue of Examination Hall Ticket**

The University issues Hall Ticket to the students at least two weeks before the commencement of the TEE. Hall Ticket can also be downloaded from the University's website: [www.ignou.ac.in](http://www.ignou.ac.in). In case a student fails to receive Examination Hall Ticket one week before the commencement of examination s/he can download it from the website and approach the Examination Centre for appearing 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 TEE for those courses only for which registration is valid and prescribed minimum duration of study is completed.*

### **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 course in the TEE, you have to send demand draft (drawn in favour of IGNOU, New Delhi) of requisite amount to Registrar, Student Evaluation Division, New Delhi failing which your result of that course will not be declared.

### **Early Declaration of Result**

In order to facilitate the students who have got admission offer 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 has a provision for the early processing of the answer scripts and declaration of result. Such students are required to apply in prescribed form given in the Programme Guide 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. They can submit their request for early declaration of result before the commencement of TEE, that is, before June 1<sup>st</sup> or December 1<sup>st</sup> for June and December TEE respectively. The University in such cases will make arrangement for early processing of answer scripts and declare 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 TEE may apply in prescribed form for re-evaluation before 31<sup>st</sup> March for the result of December TEE and 30<sup>th</sup> September for result of June TEE or 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 through demand draft drawn in favour of IGNOU and payable at New Delhi. The better of the two scores of original marks/grade and marks/grade after re-evaluation will be considered and updated in student's record.

Re-evaluation is permissible in TEE only and not in practical, project report, workshop, assignment, seminar, etc. A sample application form with rules and regulations for this purpose is enclosed in the Programme Guide and also made available at the University's website [www.ignou.ac.in](http://www.ignou.ac.in).

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

Students of Bachelor/Master degree programme who have completed the programme and wish to improve their Division / Class may do so by appearing in TEE. The eligibility is as under:

- a) Students of Bachelor / Master degree programme, who fall short of less than 2% marks to secure 2<sup>nd</sup> and 1<sup>st</sup> division

- b) The students of Master degree programmes only who fall short of less than 2% marks to secure overall 55% marks.

Students may apply in the prescribed form from 1<sup>st</sup> to 30<sup>th</sup> April for June TEE and from 1<sup>st</sup> to 31<sup>st</sup> October for December TEE along with fee of Rs. 750/- per course by means of 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, etc.

Students wishing to improve their marks will have to apply within six month 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 in detail for this purpose are available on University's website [www.ignou.ac.in](http://www.ignou.ac.in).

### **Educational Qualifications Awarded by Private Institutions**

Any educational qualification awarded by the Private Universities established under the provisions of the 'Chhatisgarh Niji Kshetra Vishwavidyalaya (Sathapane Aur Viniyaman) Adhiniyam 2002' are non-existent and cannot be made the basis of admission to higher studies with IGNOU.

Study Centre is the contact point for you. The University cannot send all the communication to all the students individually. All the important communications are sent to the Coordinators of the Study Centres 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 the Students. 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. Many of the information are also placed on the IGNOU website. You may visit the IGNOU website from time to time.

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

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## **8. OTHER USEFUL INFORMATION**

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### **IGNOU Website**

IGNOU website [www.ignou.ac.in](http://www.ignou.ac.in) contains a lot of useful information which are updated from time to time. There is a separate section called **Student Zone** where you can find assignments, past year question papers, and other useful information. You should visit the website periodically.

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

Reserved categories, viz., Schedule Caste (SC)/ Schedule Tribe (ST) and physically

handicapped students, have to pay the fees at the time of admission to the University along with other students.

Physically Handicapped students 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.

Similarly for reimbursement of programme fees SC/ST 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 Courses, Programme and Medium of Instruction**

Change of optional courses is permitted within 30 days of receipt of course material on payment of Rs. 1200/- for 6-8 credit courses and Rs. 600/- for 4 credit courses.

Change of Programme (from MEC to MEG/ MHD/ MPS/ MAH/ MPA/ MSO/ MARD/ MCOM or vice versa) only in the first year of study. The student has to pay the full fee for the new programme. The fee paid for admission into the earlier programme (MEC) shall be forfeited.

Change of Medium (from English to Hindi or vice versa) is permitted within 30 days of receipt of first set of course material in the first year on payment of Rs 350/- plus Rs. 600/- for each 2/ 4 credit course or Rs. 1200/- for each 6-8 credit course, as the case may be.

For change of course/programme/medium you should send your request in the prescribed form (given in this programme guide) to the concerned Regional Director along with the demand draft towards requisite fee. For change of optional course/ medium of instruction you are required to return the study material already received by you to the Regional Director of your Regional Centre by registered post or in person. In the case of change of programme since the fee is forfeited you are not required to return the study material.

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

You can request for change/correction of address by applying in the prescribed form (copy given at the end of this Programme Guide). The form can also be downloaded from IGNOU website. You are required to send the filled in form to the Regional Director of your region, who will forward it to the Registrar, Student Registration Division (SRD) after verification of your signature. Request for change of address received through e-mail will not be entertained.

You are advised not to write letters to any other official 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**

If you desire to change your Study Centre you are required to fill in the proforma meant for change of Study Centre and send it to your Regional Centre. The Regional Director will

forward it to the SRD after verifying your signature. You are required to opt only for such Study Centres which are activated for the programme (list of activated Study Centres is available at IGNOU

website and at your Regional Centre). As far as possible, the University will allot the Study Centre opted by the candidate. However, the University may change the Study Centre at its convenience without concurrence of the student at any time.

Counselling facilities for a programme may not be available at all the Centres. As such you are advised to make sure that counselling facilities are available for the programme you have chosen at the new Study Centre opted for. As far as possible the request for change of Study Centre is considered favourably. However, the allotment of new Study Centre is subject to availability of seats for the programme at the new Centre asked for.

### **Change of Region**

When you want a transfer from one Region to another, you have to write to that effect to the Regional Centre from where you seek a transfer marking copies to the Regional Centre where you would like to be transferred to and also to Registrar (SRD), New Delhi. 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 you are seeking the transfer will transfer all records to the Regional Centre where you seek transfer under intimation to you and Registrar (SRD). The records are normally sent by Registered Post to guard against loss in the postal transit.

### **Issue of Transcripts**

The university provides the facility of official transcripts on requests made by the students on plain paper addressed to Registrar, SED, IGNOU, Maidan Garhi, New Delhi -68. A fee of Rs. 200/- per transcript is required to be paid through demand draft in favour of IGNOU payable at New Delhi. Students are required to pay Rs. 200/- extra in the case of request for sending transcript outside the country.

### **Issue of Duplicate Grade Card**

Duplicate Grade Card is issued after a request is made on the prescribed form along with a bank draft of Rs. 200/- in favour of IGNOU payable at New Delhi. The form for the purpose is given in this Programme Guide.

### **Simultaneous Registration**

Students who are already enrolled in a programme of one year or longer duration can also simultaneously register themselves for any certificate programme of 6 months duration. However, if there is any clash of dates of counselling or examination schedule between two programmes taken, University will not be in a position to make any adjustment.

## **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 SRD, New Delhi or photocopy of the one given in the Programme Guide can be used.)
- 2) Attested copy of the mark sheet.
- 3) Fee of Rs.500/- in the form of demand draft drawn in favour of IGNOU payable at the city where Regional Centre is located.

Samples of various forms currently used in the University are provided in this Programme Guide. Whenever you need any of these (except for the Examination form which is to be procured from the Study Centre/ Regional Centre) please take a photocopy, fill it and send it to us.

## **Refund of Fees**

Fee once paid will not be refunded under any circumstance. It is also not adjustable against any other programme of the University. In cases where the University denies admission, however, programme fee will be refunded through a/c payee cheques only after deduction of registration fee.

## **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.

## **Foreign Students**

Foreign nationals residing in India are eligible to seek admission in IGNOU programmes provided they have valid student visa for the minimum duration of the programme. Such students are required to remit the fee at par with foreign students (fee structure for foreign students can be downloaded from IGNOU website). Admission of foreign students residing in India will be processed by the International Division of IGNOU after ensuring their antecedents from the Ministry of External Affairs/ Ministry of Human Resource Development. Programmes with limited number of seats are not offered for foreign students.

## **Recognition**

IGNOU Degrees/Diplomas/Certificates are recognized by all member universities of the Association of Indian Universities (AIU) and are at par with Degrees/Diplomas/Certificates of all Indian Universities/Institutions, as per UGC Circular letter no. F.1-52/2000(CPP-II) dated May 5, 2004; AIU Circular no. EV/11(449/94/176915-177115) dated January 14, 1994 and AICTE Circular no. AICTE/Academic/MOU-DEC/2005 dated May 13, 2005.



## How to Approach the University

During the course of your study, you might require some additional information about rules and regulations. You must know whom to contact for specific information. We are providing information about these matters under the heading **Whom to Contact for What**.

The information about the suitable forms for specific purpose is also provided in Section 10 of this Programme Guide. Whenever you need, take a copy of the relevant form (except for the TEE form, which you have to procure in original) and send as per instructions given in the form.

### WHOM TO CONTACT FOR WHAT

Contact Details of Student Service Centre		
1	General Enquiry (Student Support Services and Student Grievances, pre-admission Inquiry of various Programmes in IGNOU, etc)	Phone: 011-29572514, 29572513, 29572516
2	Director; SSC, IGNOU, Maidan Garhi, New Delhi -110068	Phone: 011-29572505 Email: directorssc@ignou.ac.in, ssc@ignou.ac.in

For specific queries related to Admission, Study Material, Assignment, Examination, Counselling, etc. the students must contact the following.

Sl. No.	Issues	Authority to be contacted
1	Identity Card, Fee Receipt, Bonafide Certificate, Migration, Certificate, Scholarship Forms, change of name, correction of name/address	Concerned Regional Centre
2	Non-receipt of study material and assignments	Registrar (MPDD), IGNOU, Maidan Garhi, New Delhi-110068
3	Change of Elective/Medium/opting of leftover electives/, Deletion of excess credits	Concerned Regional Centre
4	Credit Transfer	Student Registration Division, Block No. 1 & 3, IGNOU, Maidan Garhi, New Delhi-110068
5	Purchase of Audio/Videò CDs	Marketing Unit, EMPC, IGNOU, Maidan Garhi, New Delhi-110068
6	Academia Content	Director of the School concerned
7	Approval of a Project Synopsis	Project Coordinator in the Concerned School

8.	International Students residing in India should contact	Director, International Division, IGNOU, Block-15,Section K, Maidan Garhi, New Delhi. Tel. Nos. : 29533987; 29571681 E-mail : internationaldivision@ionou ac in
9	Issue of Degree/Diploma Certificate/ Dispatch of returned Degrees/ Verification of Degrees/Convocation	convocation@ignou ac.in
10	Issue of Hall Ticket/ Correction in the hall ticket for handicapped student s/ Non receipt of hall tickets for term-end- examination& Entrance Test/ Entrance, Test Results/Queries related to dispatch of attendance, list of examinees etc./Writer	sgoswami@ignou.ac.in jitenderkr@ignou.ac.in
11	Declaration of results of Masters & Bachelors degree level programme/Issue of grade card and provisional certificate of Masters and Bachelors degree level prog./ Practical marks of all programmes	mdresult@iqnou.ac.inbdresult@ionou.ac.in  practicalsed@iqnou ac.in
12	Declaration of results of Masters, Bachelor and Diploma programme/Issue of grade card and provisional certificate of Plasters, Bachelor and Diploma level Programme	bdresult@iqnou.ac.indpresult@iqnou ac.in
13	Declaration of results of DPE and Certificate programme/ Issue of grade card and provisional certificate of DPE & Certificate level programme	cpresult@ignou ac.in
14	Verification of genuineness of provisional certificate and grade card/ Issue of Transcript	gverification@ignou.ac in
15	Queries related to UFM cases	ufmqroup@ignou.ac.in
16	Status of Project Report of âll Programmes/Dissertation and Viva marks	projects@ignou.ac.in
17	Queries related to Assignment Marks	assignment@ignou.ac.in
18	Students General enquiries and grievances/ Issue of duplicate marksheet	sedgrievance@ignou ac.in
19	Discrepancy in grade card, non updating of grade/marks in the grade card etc.	garora@ignou.ac.in

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.

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## 9. DETAILS OF MA, ECONOMICS (MAEC) COURSES

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### A. Semester I : (All the courses i.e. MEC-101, MEC-102, MEC-203 are compulsory)

#### MEC-101: Microeconomic Analysis

6 Credits

#### Course Learning Outcomes (CLOs)

After completion of this course, learner will be able to:

- apply economic principles to understand complex economic problems through a strong theoretical foundation.
- employ mathematical tools and techniques to examine the behaviour of economic agents under the situation of certainty and uncertainty;
- analyse the behavior of economic agents using game theoretic approach.
- explain the situation of attaining equilibrium by all economic agents simultaneously using general equilibrium approach;
- use microeconomic techniques to determine the allocational efficiency of an economy and the income distribution consequences through Welfare Economics approach;

The course analyses the economic behaviour of individuals, firms and markets. It is mainly concerned with the objective of equipping the students in a rigorous and comprehensive manner with various aspects of consumer behaviour and demand analysis, production theory and behaviour of costs, the theory of traditional markets and equilibrium of firm in modern non-profit maximizing framework. The course also deals with the micro and macro theories of distribution, welfare economics, and general equilibrium in closed and open systems and analysis of economic behaviour under uncertainty.

#### Block 1 : Consumer Behaviour

Unit 1 : Theory of Consumer Behaviour: Basic Themes

Unit 2 : Theory of Demand

Unit 3 : Theory of Demand : Some Recent Developments

#### Block 2 : Producer Behaviour

Unit 4 : Theory of Production

Unit 5 : Theory of Cost

Unit 6 : Production Economics

#### Block 3 : Price and Output Determination

Unit 7 : Perfect Competition

Unit 8 : Monopoly

Unit 9 : Monopolistic Competition

Unit 10 : Oligopoly

**Block 4 : General Equilibrium**

Unit 11 : General Equilibrium : Pure Exchange Model

Unit 12 : General Equilibrium with Production

**Block 5 : Welfare Economics**

Unit 13 : Pigovian vs. Paretorian Approach

Unit 14 : Social Welfare Function

Unit 15 : Imperfect Market, Externality and Public Goods

Unit 16 : Social Choice and Welfare

**Block 6 : Economics of Uncertainty**

Unit 17 : Choice in Uncertain Situations

Unit 18 : Insurance Choice and Risk

Unit 19 : Economics of Information

**Block 7 : Non-Cooperative Game Theory-I**

Unit 20 : Static Games of Complete Information

Unit 21 : Static Games with Complete Information: Applications

Unit 22 : Dynamic Games with Complete Information

**Block 8 : Non-Cooperative Game Theory-II**

Unit 23 : Static Games of Incomplete Information (with Application to Auction)

Unit 24 : Dynamic Games with Incomplete Information: Perfect Bayesian Equilibrium

Unit 25 : Signaling Games and their Application

Unit 26 : Refinements of Perfect Bayesian Equilibrium

**MEC 102: Macroeconomic Analysis**

**6 credits**

**Course Learning Outcomes (CLOs)**

After going through this course a student is expected to

- have an intuitive understanding of the theoretical developments in macroeconomics;
- know contrast among various schools of macroeconomic thought;
- analyse real world issues with the help of macroeconomic theories; and
- apply macroeconomic theory to empirical data.

This course analyses and establishes functional relationships among aggregates at macro level. In the context of global economic environment, aggregative analysis has assumed such a great significance in recent times that a prior understanding of macroeconomic theoretical structure is considered essential for proper comprehension of various issues and policies. Macroeconomics now is not only a scientific method of analysis but also a body of empirical

economic knowledge. The course will enable equips the students at the postgraduate level to understand systemic facts and theoretical developments for empirical analysis.

**Block 1: Traditional Approaches to Macroeconomics**

Unit 1: The Classical Approach

Unit 2: The Keynesian Model

Unit 3: The Neoclassical Synthesis

Unit 4: Open Economy Macroeconomics – I

Unit 5: Open Economy Macroeconomics – II

**Block 2: Expectations and Macroeconomics**

Unit 6: Inflation and Unemployment

Unit 7: Rational Expectations

**Block 3: Inter-temporal Decision-Making**

Unit 8: Consumption and Asset Prices

Unit 9: The Ramsey- Cass-Koopmans Model

Unit 10: The Overlapping Generations Model

**Block 4: Theories of the Business Cycle**

Unit 11: Traditional Models of Business Cycles

Unit 12: Real Business Cycles

**Block 5: Labour Markets**

Unit 13: Nominal and Real Rigidities

Unit 14: Search Theory and Unemployment

**Block 6: Money and Financial Markets**

Unit 15: Central Banks and the Supply of Money

Unit 16: Currency and Banking Crises

**Block 7: Macroeconomic Policy**

Unit 17: Conduct of Monetary Policy

Unit 18: Theory of Monetary Policy

Unit 19: Fiscal Policy

Unit 20: Fiscal Sustainability

**MEC-203: Quantitative Methods**

**8 Credits**

**Course Learning Outcomes (CLOs)**

The learner will be able to:

- Use mathematics as language to represent economic ideas, concepts, phenomenon, and relationship between different variables,

- Apply mathematics as a tool to explain the various economic phenomenon, events and situations at local, regional, national and global level.
- Acquire the foundational knowledge of mathematical methods and statistical tools required to understand Economics.
- Utilise dimension techniques in order to find the optimum levels by various economic agents.
- Apply statistical tools for data presentation, data analysis and for drawing inferences through testing statistical hypotheses.

Generally, by using verbal language we study Economics. A lot of economists classics in earlier centuries used verbal language only. But it may occur to you that we can supplement language with diagrams and graphical presentations. Diagrams are fine up to a point but soon we run into difficulties. If we want to talk about more than three things at a time, we have a problem. This is because our usual geometrical world is limited to three dimensions. So geometry can aid verbal language up to a point. But soon a need begins to be felt for more general methods in mathematics. So we progress to other branches and techniques of mathematics.

First of all, mathematics is a language to represent ideas, concepts magnitudes and relationships. Like any language, it has its own set of ‘words’, ‘sentences’, ‘rules of grammar’. Concepts like variables and sets are like letters of the alphabet. Words and operational mathematics, and operations, relations, mappings are the ‘sentences’. However, there are other advantages to using mathematics as a language. Mathematics allows one to be precise and state exactly what one intends.

The focus of the *course on Quantitative Methods* is to train the students to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyse economic problems. A unique feature of this course is that each unit provides some solved exercises at the end of the unit. This will take the learner through the complete process of solving the questions step-wise. The course is divided into *nine blocks* comprising *31 Units*.

### **Block 1 Review of Basic Mathematics**

Unit 1: Fundamental Concepts of Mathematics

Unit 2: Overview of Basic Methods of Mathematics

Unit 3: Relations and Functions

Unit 4: Co-ordinate Geometry and Representation of Functions

### **Block 2 Linear Algebra**

Unit 5: Matrix Algebra

Unit 6: Vector Analysis

Unit 7: Vectors and Matrices

Unit 8: Vector and Matrix Representations of Linear Equations

**Block 3 Calculus**

Unit 9: Limit and Continuity

Unit 10: Differential Calculus: Functions of One variable

Unit 11: Differential Calculus: Functions of Several variables

Unit 12: Integration: Introduction and Techniques

**Block 4 Real Analysis**

Unit 13: Real Analysis

Unit 14: Calculus of Several Variables

Unit 15: Basic concepts of Metric Space and Point Set Topology

**Block 5 Extreme Values and Optimisation**

Unit 16: Optimisation: An Introduction

Unit 17: Unconstrained and Constrained Optimisation

Unit 18: Advanced Topics in Optimisation-I

Unit 19: Advanced Topics in Optimisation-II

**Block 6 Economic Dynamics**

Unit 20: Difference Equations: Theory and Economic Applications

Unit 21: Differential Equations

**Block 7 Dynamic Optimisation**

Unit 22: Intertemporal Optimisation-I

Unit 23: Intertemporal Optimisation-II

Unit 24: Economic Applications of Dynamic Optimisation

**Block 8 Probability and Probability Distributions**

Unit 25: Probability Theory

Unit 26: Probability Distribution-I

Unit 27: Probability Distribution-II

**Block 9 Inferential Statistics**

Unit 28: Sampling Theory

Unit 29: Sampling Distributions

Unit 30: Estimation

Unit 31: Hypothesis Testing

## **B. Semester II (All courses i.e. MEC-104, MEC-109, MEC-205 are compulsory)**

### **MEC-104 Economics of Growth And Development**

**8 Credits**

#### **Course Learning Outcomes (CLOs)**

The course aims to enable the learners to:

- Acquire the knowledge of the various theories of the growth and development.
- Discuss the various approaches of development.
- Explain the role of various types of institutions in the development process.
- Explain the dynamics/process of Economic development in developing countries.
- Comprehend the role of important issues like infrastructure, international trade, domestic macroeconomic policies, and foreign investments etc.
- Compare the development experiences of select economies like China, East Asian Countries and Brazilian Economy.

This course focuses on exposition about growth and development of nations. It is a blend of theories of economic growth and theories of development-economic, social and human. The course discusses growth models like Harrod-Domar and Solow, and also growth with optimising agents. It throws light on modern endogenous theories of growth. It considers growth under uncertainty as well as technical change, technology and productivity and their relationship with economic growth. The course also discusses models of economic planning. The second half of the course is concerned with topics that generally fall under the rubric of development economics. It discusses the Human Welfare Approach to development. Topics like Labour migration and Labour market, Global Supply Chain, Demographical changes and nutrition related issues and Geography in Economic Development, and Climate change and natural resource management are discussed. Gender and development is also discussed. The course highlights the approach of behavioral economics to economic development. Non-economic and social factors in economic development are studied. The course deals with the role of the State in development, the Rights-based approach to development, Institutional evolutions and their reforms, and the relation between democracy and development. Finally, some case studies regarding the development experiences of some countries are presented. These countries include China, the East Asian economies, Brazil, and South Africa.

#### **Block 1 Introduction to Economic Growth**

Unit 1 Economic Growth: Concept and Measurement

Unit 2 The Harrod-Domar Growth Model

Unit 3 The Neo-classical Growth Model-I: Solow, Phelps Model

Unit 4 The Cambridge Growth Model-II: Kaldor, Pasinetti Models



## **Block 2 Technology, Productivity and Growth**

Unit 5 Technical Change and Economic Growth

Unit 6 Total Factor Productivity and Growth Accounting

Unit 7 Distribution and Growth

Unit 8 Development Plan Models

## **Block 3 Extension and Critique of Growth Models**

Unit 9 Growth Models with Optimizing Agents

Unit 10 Growth Models under Uncertainty

Unit 11 Endogenous Growth Models-I: Lucas Model

Unit 12 Endogenous Growth Models-II: Romer Model

Unit 13 Current Debates in Economic Growth:

## **Block 4 Development and Underdevelopment I**

Unit 14 Development: Human Welfare Approach

Unit 15 Development processes and its consequences

Unit 16 Labour migration and Labour market

## **Block 5 Development and Underdevelopment II**

Unit 17 Global Supply Chain

Unit 18 Demographical changes and nutrition related issues

Unit 19 Behavioural Economics and Development

Unit 20 Geography in Economic Development

## **Block 5 Human Rights and Development**

Unit 21 Rights based Approach to Development

Unit 22 Gender and Development

Unit 23 Democracy and Development

## **Block 6 State, Markets and Institutions**

Unit 24 Role of the State in Development

Unit 25 Institutional evolutions and reforms

Unit 26 Climate change and Natural resource management

## **Block 7 Reflection on Development Experiences**

Unit 27 The Chinese Economy

Unit 28 East Asian Economics

Unit 29 The Brazilian Economy

Unit 30 South African Economy

**Course Learning Outcomes (CLOs)**

The Course Aims to:

- Make the students understand the various philosophical frameworks/approaches to social sciences to facilitate them for making scientific investigation of various economic issues.
- Equip the learners with the principles guiding the research in social sciences to enable them to deal with practical aspects of organizing research studies.
- Expose the learners the various quantitative techniques so as to make them to verify the theories empirically.
- Enlighten the learners about the various combinations of quantitative and qualitative techniques to handle the investigation of complex social issues of interdisciplinary nature.
- Making aware of the learners about the availability of secondary data in various domains of Indian economy.

Many of the students at post-graduate level intend to pursue research degree programme after completion of their Master's degree in Economics. This course will be an effort to develop such an aptitude among them. This course will introduce and familiarise the students the issues and perspectives of research methodology, research design and tools of data collation and data analysis.

Broadly there are two types of Research Methods : Mono methods, and Mixed Methods. Within Mono Methods again there are two methods – Quantitative methods, and Qualitative methods. The combination of at least one qualitative and at least one quantitative component in a single research study/project on Programme is known as mixed methods research. With a view to provide the balanced treatment to Quantitative and Qualitative Research, efforts have been made to include both the approaches. It is expected that the knowledge of quantitative and qualitative methods will better equip the students to carry out the research studies in more realistic manner.

**Block 1 : Research Methodology: Issues and Perspectives**

- Unit 1 : Research Methodology: Conceptual Foundations
- Unit 2 : Approaches to Scientific Knowledge: Positivism and Post Positivism
- Unit 3 : Models of Scientific Explanation
- Unit 4 : Debates on Models of Explanation in Economics
- Unit 5 : Foundations of Qualitative Research: Interpretivism and Critical Theory Paradigm

**Block 2 : Research Design and Measurement**

- Unit 6 : Research Design and Mixed Methods Research
- Unit 7 : Data Collection & Sampling Design
- Unit 8 : Measurement and Scaling Techniques

**Block 3 : Quantitative Methods-I**

Unit 9 : Two Variable Regression Models

Unit 10 : Multiple Regression Models

Unit 11 : Measures of Inequality

Unit 12 : Construction of composite index number in social sciences

**Block 4 : Quantitative Methods-II**

Unit 13 : Multivariate Analysis: Factor Analysis

Unit 14 : Canonical Correlation Analysis

Unit 15 : Cluster Analysis

Unit 16 : Correspondence Analysis

Unit 17 : Structural Equation Modelling (SEM)

**Block 5 : Qualitative Methods**

Unit 18 : Participatory methods

Unit 19 : Content Analysis

Unit 20 : Action Research

**Block 6 : Data Base of Indian Economy**

Unit 21 : Macro-variable Data: National Income, Saving and Investment

Unit 22 : Agricultural and Industrial Data

Unit 23 : Trade and Finance

Unit 24 : Social Sector

**MEC-205: Indian Economic Policy**

**6 Credits**

**Course Learning Outcomes (CLOs)**

The Course Aims to:

- Enable the learners to know the analytical framework within which Indian Economic Policy has evolved over a period of time.
- Equip the learners with the knowledge of growth trajectory and structure of Indian economy to make them understand the prospectus, opportunities and emerging challenges to be encountered in the context of domestic and international developments.
- Make the learners aware of the development strategies adopted in India to enable them to explain the formulation and implementation of macroeconomic policies i.e. monetary policy, fiscal policy and trade policy and also sector specific policies.
- Sensitize the learners about the major issues and challenges being confronted in India's economic policy so as to enable them as to analyze these issues with theory and empirical data.

This course presents an analytical framework within which the Indian economic policy is

formulated and implemented. Indian economic policy influences the economic environment and in turn is conditioned by the environment. This two-way relationship has been examined in the present course. The course presents an integrated approach to different aspects of policy making. Specifically, in the background of Indian economic development during the last seven decades, several major economic policy instruments have been implemented. These are in the areas of Monetary and Credit Policy, Fiscal Policy, Trade Policy at macro level and Agricultural Policy, Industrial Policy, Policies relating to services sector at the sectoral level. Issues of monitoring and implementing these economic policies are analytically examined in this course. The course has been presented in six blocks comprising of 25 units.

**Block 1 : Indian Economic Development: An Overview**

Unit 1 : Indian Economic Development: A Historical Perspective

Unit 2 : Growth and Structure of the Indian Economy

Unit 3 : Demographic Transition and its Implications

Unit 4 : Natural Resources

Unit 5 : Physical and Social Infrastructure

**Block 2 : Development Strategies**

Unit 6 : State and Market: Indian Context

Unit 7 : Economic Reforms in India

Unit 8 : Major Developments in Post Economic Reforms Period

**Block 3 : Monetary and Fiscal Policies**

Unit 9 : Inflation and Monetary Policy

Unit 10 : Capital Market and its Regulations

Unit 11 : Fiscal Policy and Fiscal Responsibility and Budget Management (FRBM) Act

Unit 12 : Major Development in Union and State Relations

**Block 4 : Sector Specific Issues and Policies**

Unit 13 : Agriculture: Issues, Concerns, Policy and Programme Initiatives

Unit 14 : Large Scale Industries in India: Issues and Policy

Unit 15 : Micro, Small and Medium Enterprises (MSMEs): Issues and Policy

Unit 16 : Services Sector I: Organised Sector – Issues and Policy

Unit 17 : Services Sector II: Informal Sector – Issues and Policy

**Block 5 : External Sector and Trade Policy**

Unit 18 : Trade Policy

Unit 19 : Foreign Trade and Balance of Payment

Unit 20 : Foreign Capital

**Block 6 : Major Issues Confronting Indian Economy**

Unit 21 : Poverty, Malnutrition and Inclusive Growth: Policy Implications

Unit 22 : Employment and Unemployment: Policy Changes

Unit 23 : Social Security Measures in India

Unit 24 : Regional Disparities in India: Policy Implications

Unit 25 : Ingredients of Good Governance

**Semester III (All the courses i.e. MEC-106, MEC-107, MEC-110 are compulsory)****MEC-106: Public Economics****6 Credits****Course Learning Outcomes (CLOs):**

The course aims to enable the learners to

- acquire sound theoretical foundation on the concepts and issues of public economics;
- attain knowledge of revenue maximisation methods;
- educate the role of public policy in resource utilization and distribution of income management of public debt and deficits with due regard to fiscal discipline needs.
- acquaint with the use of instruments of budgetary policy for the purpose of Growth and Stabilisation, Distributive Justice.

Role and functions of the government in an economy have been changing with the passage of time. The term public finance has traditionally been applied to the package of those policies and operations, which involve the use of tax and expenditure measures. In this regard, budgetary policy plays an important part to understand the basic problems of use of resources and distribution of income. There is a vast array of fiscal institutions - tax systems, expenditure programme, budgetary procedures, stabilization instruments, debt issues, levels of government, etc., which raise a spectrum of issues arising from the operation of these institutions. Further, the existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice. The course provides a comprehensive understanding of these issues. The content of the course has been presented in 8 blocks and 23 units.

**Block 1 : Basic Concepts of Public Economics**

Unit 1 : Welfare Foundations of Economic Policies

Unit 2 : Market Failure and Government Failure

Unit 3 : Equity and Justice

**Block 2 : Public Goods and Externalities**

Unit 4 : Theory of Public Goods

Unit 5 : Externalities and Solutions

Unit 6 : Local and Global Public Goods

**Block 3 : Collective Decision Making**

Unit 7 : Theory of Social Choice

Unit 8 : Public Choice Theory

Unit 9 : Mechanism Design

**Block 4 : Economics of Public Revenues**

Unit 10 : Direct and Indirect Taxation

Unit 11 : Optimal Taxation

Unit 12 : Non-Tax Revenues

**Block 5 : Public Expenditure, Debt and Deficits**

Unit 13 : Theory of Public Expenditure

Unit 14 : Patterns of Public Expenditure in India

Unit 15 : Deficits and Debt

**Block 6 : Economics of Public Sector and Regulation**

Unit 16 : Theory of Public Sector Pricing

Unit 17 : Theory of Regulation

**Block 7 : Fiscal Federalism**

Unit 18 : Theory of Multi-Level Government

Unit 19 : Fiscal Federalism in India

Unit 20 : Design of Fiscal Transfers

**Block 8 : Public Policy**

Unit 21 : Fiscal and Monetary Policies: Growth and Stabilisation

Unit 22 : Public Policy for Distributive Justice

Unit 23 : International Policy Coordination

**MEC-107 International Trade And Development**

**6 Credits**

**Course Learning Outcomes (CLOs):**

After completion of this course, learner will be able to:

- Know the principles and theories of international trade and finance;
- Assess the impact of exchange rate regimes such as fixed, floating, and managed exchange rates;
- Evaluate the impact of protectionism measures, financial regulations and trade agreements on economies, industries, and financial markets;
- Know the challenges and opportunities associated with globalization.
- Examine the role of international organizations in trade and finance;

- Identify the role of the international monetary system, central banks, currency regimes, and the challenges posed by global imbalances.
- Critically evaluate trade and financial policies of select countries.
- Appraise India's foreign trade policy.

In the wake of technological advancements, geopolitical shifts, and changing trade policies the global economy is constantly evolving. This course aims to understand how these drivers are influencing international trade and finance. By studying this course, learners will gain a deep insight of the factors that influence global trade patterns, such as trade policies, tariffs, exchange rates, and trade agreements. It will equip the learners with the knowledge to analyze geopolitical developments and their implications on international business. The course will also help to gain an understanding of global financial markets, capital flows, and international investment.

### **Block 1 Theory of International Trade**

Unit 1 Classical and Neo-Classical Theories of International Trade

Unit 2 Gains from Trade

### **Block 2 Modern Theories of International Trade**

Unit 3 Intra-Industry Trade

Unit 4 Alternative Explanations of Trade

### **Block 3 Free Trade Versus Protectionism**

Unit 5 Policies of Protectionism

Unit 6 Instruments of Protectionism

### **Block 4 Exchange Rate and Balance of Payments**

Unit 7 Exchange Rate Regimes

Unit 8 Components of Balance of Payments

Unit 9 Impossible Trinity: Alternative Scenarios

Unit 10 Approaches to Balance of Payments

### **Block 5 International Finance**

Unit 11 International Financial Markets and Instruments

Unit 12 Financial and Currency Crises

### **Block 6 Globalisation**

Unit 13 Multilateral Trading System: Development and Challenges

Unit 14 Regional Trading Agreements

Unit 15 India and Multilateral Trading System

### **Block 7 Trade, Growth and Development**

Unit 16 Debate on the Trade and Growth Nexus

Unit 17 Trade and Environment

### **Block 8 India's Foreign Trade: Policy And Challenges**

Unit 18 India's Trade Policy

Unit 19 India's Trade: Trends, Composition and Challenges

## **MEC-110 Money, Financial Institutions and Markets**

**8 Credits**

### **Course Learning Outcomes (COLs)**

The course aims to enable the learners to:

- Acquire a knowledge of the basic structures and processes of the monetary and financial systems.
- Explain the role of financial institutions and working of the money market, as well as markets for various assets.
- Explain the role of the central bank, commercial banks and financial intermediaries in the economy.
- Explain the dynamics of the working of the financial system and its relationship to the macroeconomic system.
- Comprehend business cycles and discuss various theories regarding their occurrence.
- Discuss various issues regarding the stability of the financial system. Foreign exchange stability, non-performing assets and so on.
- Know how monetary policy is formulated and how it influences financial institutions and market.

### **Block 1 The Financial System: Overview**

Unit 1 Economic Agents: Inter-linkages of the different markets

Unit 2 Financial Intermediation

Unit 3 Basic Business Accounting

### **Block 2 Money**

Unit 4 Role of Money in Modern Economy

Unit 5: Demand for money; various theories

Unit 6: Money Supply:

### **Block 3 Monetary Policy**

Unit 7 Central Bank: Its role in Monetary Policy:

Unit 8 Central Bank: its role as regulator of the banking system

Unit 9 Monetary policy: Objectives and instruments

Unit 10 Monetary Policy in India: Transmission mechanism

### **Block 4 Financial Markets**

Unit 11 Money Markets



Unit 12 Capital Markets

Unit 13 Bond Markets

Unit 14 Derivatives

**Block 5 Financial Institutions**

Unit 15 Commercial Banking

Unit 16 Non Bank Financial Intermediaries

Unit 17 SEBI

Unit 18 Other Financial Institutions and regulations:

**Block 6 Operational Aspects of Financial Markets**

Unit 19 Efficient Portfolio Frontier

Unit 20 Capital Asset Pricing Model

Unit 21 Arbitrage Pricing Theory

Unit 22 Pricing of Derivatives

Unit 23 Corporate Finance:

Unit 24 Foreign Direct Investment and Foreign Portfolio investment

**Block 7 Financial Stability**

Unit 25 Macroeconomics, Finance, and Business Cycles

Unit 26 Efficient Markets Hypothesis

Unit 27 Financial Stability and Related Issues

Unit 28 Non-performing assets

Unit 29 Foreign Exchange Stability and Related Issues

Unit 30 Behavioural Finance

**Semester IV**

As mentioned earlier in the structure of MA Economics Programme(MAEC) on page 6, fourth semester student may opt any area of specialization out of the four groups :

- **A**-Data Analytics,
- **B**-Energy and Environmental Economics,
- **C**-Insurance and Finance,
- **D**-Social Policy

by completing 20 credit courses from that particular group. The student not willing to have specialization may opt any 20 credit courses out of the four groups (A,B,C,D).

**Group A Data Analytics:** All the courses of this group are available only in English. The students may opt any courses of the following worth to 20 credits:

Course Code	Course Title	Credits
MECE-101	Introductory Econometric Methods	4
MECE-102	Advanced Econometric Methods	4
MCS-226	Data Science and Big Data (From MCA Programme of IGNOU)	4
MCS-224	Artificial Intelligence and Machine Learning (From MCA Programme of IGNOU)	4
MGG-011	Geographical Information Systems-I (From MA Geography Programme)	4
MECP-102	Project Work-I	4

### **MECE-101 Introductory Econometric Methods 4 Credits**

#### **Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;
- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and
- summarise and interpret results of econometric analysis in written, oral and visual forms; and develop skills for future research

Econometric theory is a powerful tool for understanding of applied economic relationships and for meaningful research in economics. MECE 101, as the title suggests, is introductory in nature. It covers mostly the classical regression models and issues related to violation of classical assumptions. Apart from the above, the course exposes the students to qualitative dependent variables and simultaneous equation systems.

#### **Block 1: Introduction**

Unit 1: Introduction to Econometrics

Unit 2: Review of Statistical Foundations of Econometrics

Unit 3: Review of Matrix Algebra

#### **Block 2: Classical Regression Model**

Unit 4: Estimation of Two-variable Regression Model

Unit 5: Residual Analysis

Unit 6: Estimation of Multiple Regression Model

Unit 7: Further Issues on Regression Models

### **Block 3: Violations of Basic Assumptions**

Unit 8: Model Specification Issues

Unit 9: Autocorrelation

Unit 10: Multicollinearity

Unit 11: Heteroscedasticity

Unit 12: Errors in Variables

Unit 13: Stochastic Regressors

### **Block 4: Extensions of Regression Models**

Unit 14: Qualitative Independent Variables in OLS Models

Unit 15: Qualitative Dependent Variables in OLS Models

Unit 16: Introduction to Simultaneous Equations Models

### **Suggested Readings**

Dhryme, P J, *Introductory Econometrics*

Gujarati, D, *Econometrics by Example*

Maddala G S and Lahiri, *Introduction to Econometrics*, Fourth edition

Johnston and Dinardo, *Econometric Methods*, Fourth Edition

Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi

## **MECE102 Advanced Econometric Methods**

**4 Credits**

### **Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;
- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and
- summarise and interpret results of econometric analysis in written, oral and visual forms and develop skills for future research

MECE 102 is somewhat advanced. The student should have gone through MECE 101 beforehand – MECE 102 cannot be opted without MECE 101.

The student has already gone through a compulsory course ‘MEC-103: Quantitative Methods’ in the first semester of study which covers a fair amount of statistical theory and linear algebra. Moreover, the student has gone through a compulsory course ‘MEC-109: Research Methods in Economics’ in the IInd semester which includes preliminaries on classical regression models apart from essential tools of research.

### **Block 1: Qualitative Response Models**

Unit 1: Discrete Dependent Variable Models

Unit 2: Censored and Truncated Regression Models

### **Block 2: Dynamic Models**

Unit 3: Autoregressive Models

Unit 4: Distributed Lag Models

### **Block 3: Simultaneous Equation Systems**

Unit 5: Estimation of System of Equations

Unit 6: Introduction to Simultaneous Equation Models

Unit 7: Estimation of Simultaneous Equation Models

### **Block 4: Time Series Models**

Unit 8: Specification Issues of Time Series Data

Unit 9: Univariate Time series Models

Unit 10: VAR Models

Unit 11: ARDL Model

Unit 12: Modelling Volatility

### **Block 5: Panel Data**

Unit 13: Introduction to Panel Data Models

Unit 14: Dynamic Panel Data Analysis

### **Block 8: Further Topics In Econometrics**

Unit 15: Applied Demand Analysis

Unit 16: Introduction to GMM Estimation

### **Suggested Readings**

Enders, W, 2004, *Applied Econometric Time Series*, Wiley India, New Delhi

Greene, W H, 2011, *Econometric Analysis*, Pearson Education, New Delhi

Maddala G S and Lahiri, *Introduction to Econometrics*, Fourth edition

Johnston and Dinardo, *Econometric Methods*, Fourth Edition

Shumway, R. H, and David S Stoffer, 2011, *Time Series Analysis and Its Applications*, Springer, Third Edition

Tsay, R S, 2010, *Analysis of Financial Time Series*, Wiley, Third edition

Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi

Wooldridge, J M, 2010, *Econometric Analysis of Cross Section and Panel Data*, MIT Press.

This course is a part of MCA Programme (Semester III) of IGNOU designed and developed by the School of Computer and Information Sciences. We have included this course for Semester IV group A of MA Economics Programme.

The course relates to the conceptual understanding of the Artificial Intelligence and Machine Learning. Generally, Artificial Intelligence (AI) is considered as the discipline, to deal with the solution of the hard and insolvable problems using reasonable amount of time, by exploiting the knowledge of the problem domain. In view of the significance of knowledge in AI, in this course, a number of knowledge representation formalisms are introduced. The formalisms discussed include Propositional Logic, First Order Predicate Logic, Rule-based systems, Semantic Networks and Frames. Further, the course introduces the various concepts of Machine learning, Viz. Supervised learning, Unsupervised Learning and their respective application areas. Currently these two fields i.e. Artificial Intelligence and Machine Learning are in high demand, the course will help the learners to build the understanding of these fields.

**Course Structure\*****Block-1 Artificial Intelligence - Introduction**

Unit-1 Introduction to Artificial Intelligence

Unit-2 Problem Solving using Search

Unit-3 Uninformed and Informed Search

Unit-4 Predicate and Propositional Logic

**Block-1 Artificial Intelligence Introduction**

Unit-1 Introduction to Artificial Intelligence

Unit-2 Problem Solving using Search

Unit-3 Uninformed and Informed Search

Unit-4 Predicate and Propositional Logic

**Block-2 Artificial Intelligence- Knowledge Representation**

Unit 5 First Order Logic

Unit-6 Rule based Systems and other formalism

Unit-7 Probabilistic Reasoning

Unit-8 Fuzzy and Rough Set

**Block-3 Machine Learning - I**

Unit-9 Introduction to Machine Learning Methods

Unit-10 Classification –

Unit-11 Regression –

Unit-12 Neural Networks and Deep Learning

### **Block-4 Machine Learning - II**

Unit-13 Feature selection and Extraction

Unit-14 Association Rules

Unit-15 Clustering

Unit -16 Machine Learning Programming using Python

## **MCS-226 Data Science and Big Data**

**Credit 4**

This course is a part of MCA Programme (Semester III) of IGNOU designed and developed by the School of Computer and Information Sciences. We have included this course for Semester IV group A of MA Economics Programme.

### **Course Learning Outcomes (CLOs):**

After completion of the course, the learner should be able to:

- Describe what Data Science and significance of exploratory data analysis needed to be a data scientist.
- Define the big data architecture for an organization.
- Apply basic Mining Data Streams and Mining Big Data algorithms.
- Learn to persuade effective visualization of given data.

This course introduces the students to the concepts of data science and big data, its architecture and a programming technique R that can be used to analyze big data. The course aims to gain a foundational understanding of Data Science, Probability & Statistics, Data Exploration & Interpretation. (ii) To understand the big data architecture and NoSQL databases and Programming using Mapreduce. (iii) To understand and use Mining Data Streams and Mining Big Data. (iv) To understand and use Data Analysis and data visualization using R programming.

### **Block 1: Basics of Data Science**

Unit 1: Introduction to Data Science

Unit 2: Portability and Statistics for Data Science

Unit 3: Data Preparation for Analysis

Unit 4: Data Visualization and Interpretation Different types of plots

### **Block 2: Big Data and its Management**

Unit 5: Big Architecture

Unit 6: Programming using Map-Reduce Map Reduce Operations

Unit 7: Other Big data Architecture and Tools

Unit 8: No SQL database

### **Block 3: Big Data Analysis**

Unit 9: Mining Big Data

Unit 10: Mining Data Streams

Unit 11: Link Analysis

Unit 12: Web and Social Network Analysis

### **Block 4: Programming for Data Analysis**

Unit 13: Basic of R Programming

Unit 14: Data Interfacing and Visualization in R

Unit 15: Data Analysis and

Unit 16: Advance Analysis using R

### **MGG-011: Geographical Information Systems (GIS)**

**4 Credits**

This course is a part of MSc.(Geography) Programme of IGNOU designed and developed by the Discipline of Geography, School of Sciences. We have included this course for Semester IV group A of MA Economics Programme.

#### **Course Learning Outcomes:**

Space is a major concern in the present time not only for geography but for other disciplines as well. Therefore, Geographical Information Systems becomes inevitable tool of studies related to space, which is the science of 'where' and includes both theory and practical. It aims to empower the students with the concepts of geographical information system as an essential tool of spatial analysis and upscale their skill for utilizing this tool in their research and employment through strong theoretical background and rich and extensive hands-on sessions covering essential aspects.

#### **After completing this course, the students will be able to:**

- develop a good understanding Geographic Information System (GIS) as a tool of spatial analysis with basic concepts, components, procedures, analytical tools and applications in various areas
- get acquainted with the power and functionality of GIS
- plan a project related
- be able to create the database, analyse and derive meaningful maps ranging from simple to complex analytical maps and reports through hands on practical exercises
- finally, be equipped with the capability to utilise the application of Geographical Information System in various education/research and solving the real world problems/issues

#### **Course Structure**

**Section I:** GIS Fundamentals: Geography as a Spatial Science, Definition of GIS, Geography and GIS, GIS Concepts, Components and Procedures; Capability and Applications of GIS,

GIS as Science and GIS as Technology, Evolution of GIS, Relevance, Recent Trends and Future

**Section II:** Data Models and Geographic Framework: Maps and Geographic Information, Geographic Information as GIS Data, GIS Data Types, Formats and Standards, Projections and Coordinate Systems

**Section III:** GIS Functionality: Data Generation, Storage, Editing and Error Removal, Database Management Systems, Data Manipulation, Analysis and Modelling, Visualization and Output Generation

**Section IV:** Data Integration and Analysis: Integration of Remote Sensing and GPS Data, Data Integration from various Sources, Projections and Formats; Spatial Statistics, Data Query, Analysis and Modelling

**Section V:** GIS Applications: GIS as a Spatial Decision Support System, GIS Applications in Natural Resource Management, Administration and eGovernance, Disaster Management; Transport, Navigation and Fleet Management; Business, Utility and Facilities, Urban Planning, Environmental Studies, Education and Research.

#### **MECP-102: Project Work**

**4 Credits**

In the M.A. Economics (MAEC) programme the student can opt for MECP-102: Project Work. The evaluation of which is based on submission of a Project Report and viva voce examination on the project report submitted. There is no assignment for MECP-102.

The student is expected to conduct an in-depth study on a topic and reveal his/her analytical and presentation skills. Therefore, the topic for project report should be precise. Project Report should be of about 15,000-20,000 words (about 50-60 pages), typed double space. A Project Guide is dispatched to students along with study material to help him/her in preparing the Project Report.

You can have a supervisor from the Academic Counsellors of MEC courses at the Study Centre or a faculty of a Research Institute involved in research activities for preparation of the Project Report. The student is expected to develop a Project Proposal in consultation with the supervisors approved by the faculty at the Headquarters. The Project Proposal duly endorsed by the supervisor is submitted to the Course Coordinator, MECP-102 course, School of Social Sciences, IGNOU, New Delhi for approval. Project Report submitted without a supervisor or without the approval of the proposal by the Faculty of Economics at IGNOU Headquarters will not be accepted for evaluation by Student Evaluation Division.

Before writing the Project Report, the Project Proposal should be sent for approval to 'The Course Coordinator, MECP-102 Course, Block F, School of Social Science, IGNOU Campus, Maidan Garhi, New Delhi 110 068'. A proforma for submission of Project Proposal is included in the Project Guide.

When the Project Report is complete, it should be sent to the **Registrar Student Evaluation Division, IGNOU, Maidan Garhi, New Delhi- 110068** for evaluation purposes. Completed



project report should NOT be sent to the Course Coordinator/ Faculty of Economics. The guidelines on how to prepare a project proposal are provided below.

### **Guidelines for Preparing a Project Proposal**

A proposal should be of 4-5 pages. It must contain the following sections: (i) Introduction, (ii) Objectives, (iii) Data Sources with variables identified and Methodology, (iv) Limitations and (v) Chapter Scheme.

The Topic selected should ideally be based on a brief Literature Review. Literature reviewed should be cited in Introduction. Citation should be in the ‘author (year)’ format.

A Project Proposal in Economics should demonstrate understanding of Theory and ability to carry out empirical work to ‘test theory using data’. Such proposals would have computations, estimation, testing of hypotheses, inference, etc. For instance, you may wish to study ‘poverty’. There are many measures of poverty. Each method require particular type of data. Or, you may want to compare the growth profile of different sectors of the economy like agriculture, industry, etc. Growth rate can be calculated with data for two points of time or by using data that is available in a time series for many years.

Objectives of your study should be so stated that their first word is a ‘functional verb’. Examples of functional verbs suitable to empirical studies (i.e. studies based on quantitative or statistical data) are what are stated in 3 above (compute, estimate, test, infer, etc.). Such studies can be based on secondary data published from different governmental (CSO, NSSO) and non-governmental agencies (CMIE).

You can see for yourself that for empirical studies, it is easy to establish a one-to-one linkage between the functional verbs used in objectives and their elaboration that you can provide under the section of ‘methodology’. Proposals with such clear linkage, between objectives specified and methodology detailed, would get easy approval by the faculty.

Proposals need not necessarily be empirical. This means studies proposed can be based on qualitative data or mere descriptive account. Appropriate functional verbs which can be used for such studies are: discuss, explain, bring out, identify, illustrate, etc. For instance, you may undertake to survey ‘efforts made for self-employment venture and their success’. Such studies need primary survey. For studies based on primary survey, it is important to give (i) area where survey is proposed to be carried out, (ii) survey unit (e.g., household, establishment, institution), (iii) sample size and (iv) method of drawing a random sample for the study (where applicable).

The above-mentioned points (explicitly written under the five heads mentioned in 1 above), would constitute the bare minimum of your Project Proposal. Note that under ‘data sources and methodology’ you must indicate the periodicity of data (i.e. monthly, quarterly, yearly, etc.) considered, formulae for computation, test statistic, etc. in as much detail as possible. Proposals with such details would be approved without any need for revision and resubmission.

While the above is the minimum requirement, note that you have studied in your compulsory theory papers a lot of other techniques and concepts. For instance, for analyzing the cause and effect, or for identifying the determinants of an economic phenomenon like growth, you can fit a regression model with empirical data. You can see that the functional verb ‘examine’ can be used in your objectives for such an analysis. This verb can be suitably used both in quantitative and qualitative studies. If you are able to include such things, your proposal rises above the minimum level expected.

A more detailed Project Guide is uploaded on eGyankosh in our university’s website. You can access it by following the Path: eGyankosh – IGNOU Self Study Material (SLM) – School of Social Sciences (SOSS) – Levels – Masters Degree Programmes –Current – Master of Arts (Economics) (MAEC) – 2nd year/Project Guide.

**Group B Energy and Environment :** All the courses of this group are compulsory.

Course Code	Course Title	Credits
MECE-101	Introductory Econometric Methods	4
MECE-102	Advanced Econometric Methods	4
MECE-104	Economics of Environment and Social Sector	6
MECP-101	Project Work-II	6
	Total Credits	20

### **MECE-101 Introductory Econometric Methods**

**4 Credits**

#### **Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;
- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and
- summarise and interpret results of econometric analysis in written, oral and visual forms; and develop skills for future research

Econometric theory is a powerful tool for understanding of applied economic relationships and for meaningful research in economics. MECE 101, as the title suggests, is introductory in nature. It covers mostly the classical regression models and issues related to violation of classical assumptions. Apart from the above, the course exposes the students to qualitative

dependent variables and simultaneous equation systems.

### **Block 1: Introduction**

Unit 1: Introduction to Econometrics

Unit 2: Review of Statistical Foundations of Econometrics

Unit 3: Review of Matrix Algebra

### **Block 2: Classical Regression Model**

Unit 4: Estimation of Two-variable Regression Model

Unit 5: Residual Analysis

Unit 6: Estimation of Multiple Regression Model

Unit 7: Further Issues on Regression Models

### **Block 3: Violations of Basic Assumptions**

Unit 8: Model Specification Issues

Unit 9: Autocorrelation

Unit 10: Multicollinearity

Unit 11: Heteroscedasticity

Unit 12: Errors in Variables

Unit 13: Stochastic Regressors

### **Block 4: Extensions of Regression Models**

Unit 14: Qualitative Independent Variables in OLS Models

Unit 15: Qualitative Dependent Variables in OLS Models

Unit 16: Introduction to Simultaneous Equations Models

### **Suggested Readings**

Dhryme, P J, *Introductory Econometrics*

Gujarati, D, *Econometrics by Example*

Maddala G S and Lahiri, *Introduction to Econometrics*, fourth edition

Johnston and Dinardo, *Econometric Methods*, Fourth Edition

Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi

## **MECE102 Advance Econometric Methods**

**4 Credits**

### **Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;

- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and
- summarise and interpret results of econometric analysis in written, oral and visual forms; and develop skills for future research

MECE 102 is somewhat advanced. The student should have gone through MECE 101 beforehand – MECE 102 cannot be opted without MECE 101.

The student has already gone through a compulsory course ‘MEC-203: Quantitative Methods’ in the first semester of study which covers a fair amount of statistical theory and linear algebra. Moreover, the student has gone through a compulsory course “MEC-109: Research Methods in Economics” in the IInd semester which includes preliminaries on classical regression models apart from essential tools of research.

### **Block 1: Qualitative Response Models**

Unit 1: Discrete Dependent Variable Models

Unit 2: Censored and Truncated Regression Models

### **Block 2: Dynamic Models**

Unit 3: Autoregressive Models

Unit 4: Distributed Lag Models

### **Block 3: Simultaneous Equation Systems**

Unit 5: Estimation of System of Equations

Unit 6: Introduction to Simultaneous Equation Models

Unit 7: Estimation of Simultaneous Equation Models

### **Block 4: Time Series Models**

Unit 8: Specification Issues of Time Series Data

Unit 9: Univariate Time series Models

Unit 10: VAR Models

Unit 11: ARDL Model

Unit 12: Modelling Volatility

### **Block 5: Panel Data**

Unit 13: Introduction to Panel Data Models

Unit 14: Dynamic Panel Data Analysis

### **Block 8: Further Topics in Econometrics**

Unit 15: Applied Demand Analysis

Unit 16: Introduction to GMM Estimation

### **Suggested Readings**

Enders, W, 2004, *Applied Econometric Time Series*, Wiley India, New Delhi

Greene, W H, 2011, *Econometric Analysis*, Pearson Education, New Delhi  
 Maddala G S and Lahiri, *Introduction to Econometrics*, Fourth edition  
 Johnston and Dinardo, *Econometric Methods*, Fourth Edition  
 Shumway, R. H, and David S Stoffer, 2011, *Time Series Analysis and Its Applications*, Springer, Third Edition  
 Tsay, R S, 2010, *Analysis of Financial Time Series*, Wiley, Third edition  
 Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi  
 Wooldridge, J M, 2010, *Econometric Analysis of Cross Section and Panel Data*, MIT Press

**MECE-104: Economics of Social Sector and Environment**

**6 Credits**

**Course Learning Outcomes (CLOs)**

After completion of the course, the students are expected to:

- know the inter-connection between society and state, and state and market;
- understand the role of environment in economic development;
- develop green indicators to assess the contribution of environment in the GDP;
- assess the role of education in human capital formation;
- identify the role of health services in the development of human resources;
- evaluate the policies framed towards the sustainable development.

The course is meant to provide insights into the application of economic theory in the design and implementation of public policy related to the management of environment and social sectors. The course finds roots in welfare economics, national income accounting, macroeconomic policies and trade and development.

Units incorporated in the course are devoted to issues of environmental economics, environmental and social services and the problem of valuation of these services, and designing of instruments and institutions for the management of environment. The models of optimal use of natural resources, macroeconomic issues, sustainable development, environmental resource problems in India and the economics of health and education constitute the other areas of the course.

**Block 1 : Society, Environment and Economy**

- Unit 1 : Society, State and Market
- Unit 2 : Economy and Environment
- Unit 3 : Society and Environment

**Block 2 : Economics of Education**

- Unit 4 : Demand for Educational Services
- Unit 5 : Supply of Educational Services

Unit 6 : Determinants of Educational Services

**Block 3 : Economics of Health**

Unit 7 : Demand for Health Services

Unit 8 : Supply of Health Services

Unit 9 : Determinants of Health Services

**Block 4 : Economics of Environment**

Unit 10 : Demand for Natural and Environmental Resources

Unit 11 : Supply of Environmental and Ecosystem Services

Unit 12 : Determinants of Environmental Resources

**Block 5 : Sustainable Development**

Unit 13 : Pillars of Sustainable Development

Unit 14 : Green Accounting and Environmental Cost Benefit Analysis

Unit 15 : Common Property Resources Management

**Block 6 : Institutions and Policies**

Unit 16 : Education Sector

Unit 17 : Health Sector

Unit 18 : Environmental Sector I

Unit 19 : Environmental Sector II

**MECP-101: PROJECT WORK**

**6 Credits**

In the M.A. Economics (MAEC) programme the student can opt for MECP-101: Project Work. The evaluation of which is based on submission of a Project Report and viva voce examination on the project report submitted. There is no assignment for MECP-101.

The student is expected to conduct an in-depth study on a topic and reveal his/her analytical and presentation skills. Therefore, the topic for project report should be precise. Project Report should be of about 15,000-20,000 words (about 50-60 pages), typed double space. A Project Guide is dispatched to students along with study material to help him/her in preparing the Project Report.

You can have a supervisor from the Academic Counsellors of MEC courses at the Study Centre or a faculty of a Research Institute involved in research activities for preparation of the Project Report. The student is expected to develop a Project Proposal in consultation with the supervisors approved by the faculty at the Headquarters. The Project Proposal duly endorsed by the supervisor is submitted to the Course Coordinator, MECP-101 course, School of Social Sciences, IGNOU, New Delhi for approval. Project Report submitted without a supervisor or without the approval of the proposal by the Faculty of Economics at IGNOU Headquarters will not be accepted for evaluation by Student Evaluation Division.

Before writing the Project Report, the Project Proposal should be sent for approval to ‘The Course Coordinator, MECP-101 Course, Block F, School of Social Science, IGNOU Campus, Maidan Garhi, New Delhi 110 068’. A proforma for submission of Project Proposal is included in the Project Guide.

When the Project Report is complete, it should be sent to the **Registrar Student Evaluation Division, IGNOU, Maidan Garhi, New Delhi- 110068** for evaluation purposes. Completed project report should NOT be sent to the Course Coordinator/ Faculty of Economics. The guidelines on how to prepare a project proposal are provided below.

### **Guidelines for Preparing a Project Proposal**

- 1) A proposal should be of 4-5 pages. It must contain the following sections: (i) Introduction, (ii) Objectives, (iii) Data Sources with variables identified and Methodology, (iv) Limitations and (v) Chapter Scheme.
- 2) The Topic selected should ideally be based on a brief Literature Review. Literature reviewed should be cited in Introduction. Citation should be in the ‘author (year)’ format.
- 3) A Project Proposal in Economics should demonstrate understanding of Theory and ability to carry out empirical work to ‘test theory using data’. Such proposals would have computations, estimation, testing of hypotheses, inference, etc. For instance, you may wish to study ‘poverty’. There are many measures of poverty. Each method requires a particular type of data. Or, you may want to compare the growth profile of different sectors of the economy like agriculture, industry, etc. Growth rate can be calculated with data for two points of time or by using data that is available in a time series for many years.
- 4) Objectives of your study should be so stated that their first word is a ‘functional verb’. Examples of functional verbs suitable to empirical studies (i.e. studies based on quantitative or statistical data) are what are stated in 3 above (compute, estimate, test, infer, etc.). Such studies can be based on secondary data published from different governmental (CSO, NSSO) and non-governmental agencies (CMIE).
- 5) You can see for yourself that for empirical studies, it is easy to establish a one-to-one linkage between the functional verbs used in objectives and their elaboration that you can provide under the section of ‘methodology’. Proposals with such clear linkage, between objectives specified and methodology detailed, would get easy approval by the faculty.
- 6) Proposals need not necessarily be empirical. This means studies proposed can be based on qualitative data or mere descriptive account. Appropriate functional verbs which can be used for such studies are: discuss, explain, bring out, identify, illustrate, etc. For instance, you may undertake to survey ‘efforts made for self-employment venture and their success’. Such studies need primary survey. For studies based on primary survey, it is important to give (i) area where survey is proposed to be carried out, (ii) survey unit (e.g., household, establishment, institution), (iii) sample size and (iv) method of drawing a random sample

for the study (where applicable).

- 7) The above-mentioned points (explicitly written under the five heads mentioned in 1 above), would constitute the bare minimum of your Project Proposal. Note that under ‘data sources and methodology’ you must indicate the periodicity of data (i.e. monthly, quarterly, yearly, etc.) considered, formulae for computation, test statistic, etc. in as much detail as possible. Proposals with such details would be approved without any need for revision and resubmission.
- 8) While the above is the minimum requirement, note that you have studied in your compulsory theory papers a lot of other techniques and concepts. For instance, for analyzing the cause and effect, or for identifying the determinants of an economic phenomenon like growth, you can fit a regression model with empirical data. You can see that the functional verb ‘examine’ can be used in your objectives for such an analysis. This verb can be suitably used both in quantitative and qualitative studies. If you are able to include such things, your proposal rises above the minimum level expected.
- 9) A more detailed Project Guide is uploaded on eGyankosh in our university’s website. You can access it by following the Path: eGyankosh – IGNOU Self Study Material (SLM) – School of Social Sciences (SOSS) – Levels – Masters Degree Programmes –Current – Master of Arts (Economics) (MAEC) – 2nd Year/Project Guide.

**Group C Insurance and Finance :** All the courses of this group are compulsory.

Course Code	Course Title	Credits
MECE-101	Introductory Econometric Methods	4
MECE-102	Advanced Econometric Methods	4
MECE-103	Actuarial Economics	6
MECP-101	Project Work-I	6
	Total Credits	20

**MECE-101 Introductory Econometric Methods 4 Credits**

**Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;
- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and



- summarise and interpret results of econometric analysis in written, oral and visual forms; and develop skills for future research

Econometric theory is a powerful tool for understanding of applied economic relationships and for meaningful research in economics. MECE 101, as the title suggests, is introductory in nature. It covers mostly the classical regression models and issues related to violation of classical assumptions. Apart from the above, the course exposes the students to qualitative dependent variables and simultaneous equation systems.

### **Block 1: Introduction**

Unit 1: Introduction to Econometrics

Unit 2: Review of Statistical Foundations of Econometrics

Unit 3: Review of Matrix Algebra

### **Block 2: Classical Regression Model**

Unit 4: Estimation of Two-variable Regression Model

Unit 5: Residual Analysis

Unit 6: Estimation of Multiple Regression Model

Unit 7: Further Issues on Regression Models

### **Block 3: Violations of Basic Assumptions**

Unit 8: Model Specification Issues

Unit 9: Autocorrelation

Unit 10: Multicollinearity

Unit 11: Heteroscedasticity

Unit 12: Errors in Variables

Unit 13: Stochastic Regressors

### **Block 4: Extensions of Regression Models**

Unit 14: Qualitative Independent Variables in OLS Models

Unit 15: Qualitative Dependent Variables in OLS Models

Unit 16: Introduction to Simultaneous Equations Models

### **Suggested Readings**

Dhryme, P J, *Introductory Econometrics*

Gujarati, D, *Econometrics by Example*

Maddala G S and Lahiri, *Introduction to Econometrics*, Fourth edition

Johnston and Dinardo, *Econometric Methods*, Fourth Edition

Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi

**Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;
- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and
- summarise and interpret results of econometric analysis in written, oral and visual forms; and develop skills for future research

MECE 102 is somewhat advanced. The student should have gone through MECE 101 beforehand – MECE 102 cannot be opted without MECE 101.

The student has already gone through a compulsory course ‘MEC-203: Quantitative Methods’ in the first semester of study which covers a fair amount of statistical theory and linear algebra. Moreover, the student has gone through a compulsory course ‘MEC-109: Research Methods in Economics’ in the 2nd semester which includes preliminaries on classical regression models apart from essential tools of research.

**Block 1: Qualitative Response Models**

Unit 1: Discrete Dependent Variable Models

Unit 2: Censored and Truncated Regression Models

**Block 2: Dynamic Models**

Unit 3: Autoregressive Models

Unit 4: Distributed Lag Models

**Block 3: Simultaneous Equation Systems**

Unit 5: Estimation of System of Equations

Unit 6: Introduction to Simultaneous Equation Models

Unit 7: Estimation of Simultaneous Equation Models

**Block 4: Time Series Models**

Unit 8: Specification Issues of Time Series Data

Unit 9: Univariate Time series Models

Unit 10: VAR Models

Unit 11: ARDL Model

Unit 12: Modelling Volatility

**Block 5: Panel Data**

Unit 13: Introduction to Panel Data Models

Unit 14: Dynamic Panel Data Analysis

**Block 8: Further Topics In Econometrics**

Unit 15: Applied Demand Analysis

Unit 16: Introduction to GMM Estimation

**Suggested Readings**

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Greene, W H, 2011, *Econometric Analysis*, Pearson Education, New Delhi

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Johnston and Dinardo, *Econometric Methods*, Fourth Edition

Shumway, R. H, and David S Stoffer, 2011, *Time Series Analysis and Its Applications*, Springer, Third Edition

Tsay, R S, 2010, *Analysis of Financial Time Series*, Wiley, Third edition

Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi

Wooldridge, J M, 2010, *Econometric Analysis of Cross Section and Panel Data*, MIT Press

**MECE-103 : ACTUARIAL ECONOMICS: THEORY AND PRACTICE 6 Credits**

**Course Learning Outcomes (CLOs):**

After completion of the course, the student are expected to:

- gain a theoretical insight into the issues of actuarial sciences;
- solve specific problems relating to the insurance sector;
- develop customers profiles in terms of their age and life; and
- to know how to apply the techniques of (i) stochastic processes, (ii) life tables, (iii) survival and mortality functions, (iv) credibility theory in financial and actuarial analysis.

The course develops the basic actuarial techniques that are used for insurance purposes. It is based on techniques drawn from statistics and financial economics. It also draws on the insights of economic theory to equip the learners with the insurance processes. The course requires a good understanding of quantitative methods on the part of the learner.

**Block 1: Introduction to Insurance Theory**

Unit 1 Interface between Economics and Insurance

Unit 2 Life and General Insurance

Unit 3 Health Insurance and Pension Funds

**Block 2: Quantitative Techniques for Risk Analysis**

Unit 4 Applied Probability

Unit 5 Stochastic Calculus

Unit 6 Financial Markets and Derivatives

**Block 3 : Interest Theory**

Unit 7 Basics of Interest Theory

Unit 8 Equations of Value and Time

Unit 9 Annuities

**Block 4: Actuarial Survival Models I**

Unit 10 Age-at-Death Random Variables

Unit 11 Parametric Survival Models

Unit 12 Time-Until-Death Random Variable

**Block 5: Actuarial Survival Models I**

Unit 13 Life Table Format

Unit 14 Contingent Payment Models

Unit 15 Benefit Premium and Benefit Reserves

Unit 16 Joint Life Models

**Block 6: Risk Management**

Unit 17 Valuing Risk Management

Unit 18 Reinsurance

Unit 19 Copulas

**Block 7: Risk Models**

Unit 20 Theory of Extreme Value

Unit 21 Credibility Theory

Unit 22 Dynamic Financial Analysis

**MECP-101: PROJECT WORK**

**6 Credits**

In the M.A. Economics (MAEC) programme the student can opt for MECP-101: Project Work. The evaluation of which is based on submission of a Project Report and viva voce examination on the project report submitted. There is no assignment for MECP-101.

The student is expected to conduct an in-depth study on a topic and reveal his/her analytical and presentation skills. Therefore, the topic for project report should be precise. Project Report should be of about 15,000-20,000 words (about 50-60 pages), typed double space. A Project Guide is dispatched to students along with study material to help him/her in preparing the Project Report.

You can have a supervisor from the Academic Counsellors of MEC courses at the Study Centre or a faculty of a Research Institute involved in research activities for preparation of the Project Report. The student is expected to develop a Project Proposal in consultation with the supervisors approved by the faculty at the Headquarters. The Project Proposal duly endorsed

by the supervisor is submitted to the Course Coordinator, MECP-101 course, School of Social Sciences, IGNOU, New Delhi for approval. Project Report submitted without a supervisor or without the approval of the proposal by the Faculty of Economics at IGNOU Headquarters will not be accepted for evaluation by Student Evaluation Division.

Before writing the Project Report, the Project Proposal should be sent for approval to 'The Course Coordinator, MECP-101 Course, Block F, School of Social Science, IGNOU Campus, Maidan Garhi, New Delhi 110 068'. A proforma for submission of Project Proposal is included in the Project Guide.

When the Project Report is complete, it should be sent to the **Registrar Student Evaluation Division, IGNOU, Maidan Garhi, New Delhi- 110068** for evaluation purposes. Completed project report should NOT be sent to the Course Coordinator/ Faculty of Economics. The guidelines on how to prepare a project proposal are provided below.

### **Guidelines for Preparing a Project Proposal**

A proposal should be of 4-5 pages. It must contain the following sections: (i) Introduction, (ii) Objectives, (iii) Data Sources with variables identified and Methodology, (iv) Limitations and (v) Chapter Scheme.

The Topic selected should ideally be based on a brief Literature Review. Literature reviewed should be cited in Introduction. Citation should be in the 'author (year)' format.

A Project Proposal in Economics should demonstrate understanding of Theory and ability to carry out empirical work to 'test theory using data'. Such proposals would have computations, estimation, testing of hypotheses, inference, etc. For instance, you may wish to study 'poverty'. There are many measures of poverty. Each method require particular type of data. Or, you may want to compare the growth profile of different sectors of the economy like agriculture, industry, etc. Growth rate can be calculated with data for two points of time or by using data that is available in a time series for many years.

Objectives of your study should be so stated that their first word is a 'functional verb'. Examples of functional verbs suitable to empirical studies (i.e. studies based on quantitative or statistical data) are what are stated in 3 above (compute, estimate, test, infer, etc.). Such studies can be based on secondary data published from different governmental (CSO, NSSO) and non-governmental agencies (CMIE).

You can see for yourself that for empirical studies, it is easy to establish a one-to-one linkage between the functional verbs used in objectives and their elaboration that you can provide under the section of 'methodology'. Proposals with such clear linkage, between objectives specified and methodology detailed, would get easy approval by the faculty.

Proposals need not necessarily be empirical. This means studies proposed can be based on qualitative data or mere descriptive account. Appropriate functional verbs which can be used for such studies are: discuss, explain, bring out, identify, illustrate, etc. For instance, you

may undertake to survey ‘efforts made for self-employment venture and their success’. Such studies need primary survey. For studies based on primary survey, it is important to give (i) area where survey is proposed to be carried out, (ii) survey unit (e.g., household, establishment, institution), (iii) sample size and (iv) method of drawing a random sample for the study (where applicable).

The above-mentioned points (explicitly written under the five heads mentioned in 1 above), would constitute the bare minimum of your Project Proposal. Note that under ‘data sources and methodology’ you must indicate the periodicity of data (i.e. monthly, quarterly, yearly, etc.) considered, formulae for computation, test statistic, etc. in as much detail as possible. Proposals with such details would be approved without any need for revision and resubmission.

While the above is the minimum requirement, note that you have studied in your compulsory theory papers a lot of other techniques and concepts. For instance, for analyzing the cause and effect, or for identifying the determinants of an economic phenomenon like growth, you can fit a regression model with empirical data. You can see that the functional verb ‘examine’ can be used in your objectives for such an analysis. This verb can be suitably used both in quantitative and qualitative studies. If you are able to include such things, your proposal rises above the minimum level expected.

A more detailed Project Guide is uploaded on eGyankosh in our university’s website. You can access it by following the Path: eGyankosh – IGNOU Self Study Material (SLM) – School of Social Sciences (SOSS) – Levels – Masters Degree Programmes –Current – Master of Arts (Economics) (MAEC) – 2nd Year/Project Guide.

**Group D: Social Policy: The Students willing to have specialization in the area of Social Policy have to opt courses worth to 20 Credits from this group.**

Course Code	Course Title	Credits
MECE-101	Introductory Econometric Methods	4
MGPE-6	Gandhi’s Economic Thoughts	4
MWG-011	Women in the Economy	8
MGSE-009	Gender Issues in Work, Employment and Productivity	4
MECP-102	Project Work	4
	Total Credits	24

**Course Learning Outcomes (CLOs)**

After completion of this course, learner will be able to:

- develop a way of thinking in econometric terms;
- acquire the basic econometric skills in terms of model selection, model estimation, and model diagnostics;
- utilize econometric techniques in analysis and interpretation of real world problems in the field of economics and business; and
- summarise and interpret results of econometric analysis in written, oral and visual forms; and develop skills for future research

Econometric theory is a powerful tool for understanding of applied economic relationships and for meaningful research in economics. MECE 101, as the title suggests, is introductory in nature. It covers mostly the classical regression models and issues related to violation of classical assumptions. Apart from the above, the course exposes the students to qualitative dependent variables and simultaneous equation systems.

**Block 1: Introduction**

Unit 1: Introduction to Econometrics

Unit 2: Review of Statistical Foundations of Econometrics

Unit 3: Review of Matrix Algebra

**Block 2: Classical Regression Model**

Unit 4: Estimation of Two-variable Regression Model

Unit 5: Residual Analysis

Unit 6: Estimation of Multiple Regression Model

Unit 7: Further Issues on Regression Models

**Block 3: Violations Of Basic Assumptions**

Unit 8: Model Specification Issues

Unit 9: Autocorrelation

Unit 10: Multicollinearity

Unit 11: Heteroscedasticity

Unit 12: Errors in Variables

Unit 13: Stochastic Regressors

**Block 4: Extensions Of Regression Models**

Unit 14: Qualitative Independent Variables in OLS Models

Unit 15: Qualitative Dependent Variables in OLS Models

Unit 16: Introduction to Simultaneous Equations Models

## Suggested Readings

Dhryme, P J, *Introductory Econometrics*

Gujarati, D, *Econometrics by Example*

Maddala G S and Lahiri, *Introduction to Econometrics*, Fourth edition

Johnston and Dinardo, *Econometric Methods*, Fourth Edition

Wooldridge, J M, 2006, *Introductory Econometrics: A Modern Approach*, Thomson Press, New Delhi

**MGPE 006 :                   GANDHI'S ECONOMIC THOUGHTS                   4 Credits**

## Course Learning Outcomes

After completion of this course, learner will be able to:

- know the difference between the ideas of conventional economics and Gandhian economic thoughts;
- apprise of economic philosophy of Gandhi and his economic ideas on the important features of economy;
- identify the global challenges and the alternative Gandhian solutions thereto;
- appreciate the importance of reduction of wants in the wake of global warming and climate change.

The course throws light on the basic difference between the ideas of conventional economics and Gandhian economic thought and how Gandhian ideas provide better alternative solution to the contemporary global challenges. The course has been presented in 4 blockes spread over 16 units. Apart from the basics and critiques of modern economics, the course deals with the principle of trusteeship, Gandhiji' s ideas on decentralization, industrialization, issue of sustainability, social justice and development paradoxes.

## Course structure:

### Block 1

Unit-1   Basics of Modern Economics

Unit-2   Critique of Modern Economics

Unit-3   Indigenous and external Influences

Unit-4   Encounter with Colonialism and Poverty

### Block 2

Unit-5   Bread Labour

Unit-6   Self-reliance and Self-sufficiency

Unit-7   Trusteeship

Unit-8   Preferences, Utilities and Wants

Unit-9   Machinery and Industrialisation



### **Block 3**

Unit-10 Economic of Non-Violence

Unit-11 Khadi and Village Industries

Unit-12 Gandhian Economists

Unit-13 Decentralisation

### **Block 4**

Unit-14 Agrarian economy and Co-operatives

Unit-15 Sustainable Economy and Social Justice

Unit-16 Paradoxes of Development and Gandhian Alternatives

## **MWG-011 : WOMEN IN THE ECONOMY**

**8 Credits**

This course is a part of MA (Women and Gender Studies) Programme of IGNOU designed and developed by the School of Gender and Development Studies. We have included this course for Semester IV group D of MA Economics Programme.

### **Course Learning Outcomes:**

After reading the course, learners will be able to:

- Explain the types of work performed by women and various discourses about women and work;
- Describe international perspectives on women's work and build interlinkages between national and international work scenario;
- Discuss women component in planning and various legislative provisions in India; and
- Critique impact of globalisation on women workers across the world.

### **Block 1 : Conceptualizing Women's Work**

Unit 1 : Defining Work

Unit 2 : Productive and Reproductive Work

Unit 3 : Segmentation

Unit 4 : Estimating Women's Work

### **Block 2 : Historiographical Issues and Debates in Women's Work**

Unit 5 : International Debates

Unit 6 : Indian Debates-I

Unit 7 : Indian Debates-II

Unit 8 : Mobilization and Resistance

### **Block 3 : Participation**

Unit 9 : Issues Concerning Participation

Unit 10 : Locations

Unit 11 : Sectors

Unit 12 : Occupation

**Block 4 : Migration**

Unit 13 : Theories and Typologies of Migration

Unit 14 : Migration, Inequality and Social Change

Unit 15 : Migration and Vulnerabilities to Trafficking

Unit 16 : Migration and Development

**Block 5 : Legislation, Social Protection and Policy**

Unit 17 : Frameworks and Approaches

Unit 18 : Important Legislation and Landmark Judgments

Unit 19 : Welfare and Social Security Measures

Unit 20 : Women in Planning and Social Policy

**Block 6 : Women and Globalization**

Unit 21 : Globalization and Economic Change

Unit 22 : New International Division of Labour

Unit 23 : Questions of Feminization and Marginalisation

**MGSE-009 : GENDER ISSUES IN WORK, EMPLOYMENT AND PRODUCTIVITY**  
**4 Credits**

This course is a part of MA (Gender and Development Studies) Programme of IGNOU designed and developed by the School of Gender and Development Studies. We have included this course for Semester IV group D of MA Economics Programme.

**Course Learning Outcomes:**

After completion of the course a learner is expected to

- Analyse the origin and implication of gender segregation of work;
- Highlight women's contribution to the national economy; and
- Discuss the labour market from the gender perspective and social security measures for women and other marginalised sections of society.

**Block 1 : Gender Issues in Work**

Unit 1 : Gender Issues in Work

Unit 2 : Valuation of Women's Work

Unit 3 : Participation of Women in Pre-industrial and Industrial Societies

**Block 2: Women's Contribution to National Economy**

Unit 4 : Women in Care Economy

Unit 5 : Women in Shadow Employment

Unit 6 : Search Theories

Unit 7 : The Indispensability of Voice Organizing for Social Protection in the Information Economy

Unit 8 : Towards a ‘Generative’ Model of Social Protection Making the Links to Development Policy

**Block 3: Gender and Labour Markets**

Unit 9 : Labour Market Segmentation

Unit 10: Gender Differential Impact on Labour Market

Unit 11: Wage Differentials

Unit 12: Social Security

Unit 13: Legal Responses to Work

**MECP-102: PROJECT WORK**

**4 Credits**

In the M.A. Economics (MAEC) programme the student can opt for MECP-102: Project Work. The evaluation of which is based on submission of a Project Report and viva voce examination on the project report submitted. There is no assignment for MECP-102.

The student is expected to conduct an in-depth study on a topic and reveal his/her analytical and presentation skills. Therefore, the topic for project report should be precise. Project Report should be of about 15,000-20,000 words (about 50-60 pages), typed double space. A Project Guide is dispatched to students along with study material to help him/her in preparing the Project Report.

You can have a supervisor from the Academic Counsellors of MEC courses at the Study Centre or a faculty of a Research Institute involved in research activities for preparation of the Project Report. The student is expected to develop a Project Proposal in consultation with the supervisors approved by the faculty at the Headquarters. The Project Proposal duly endorsed by the supervisor is submitted to the Course Coordinator, MECP-102 course, School of Social Sciences, IGNOU, New Delhi for approval. Project Report submitted without a supervisor or without the approval of the proposal by the Faculty of Economics at IGNOU Headquarters will not be accepted for evaluation by Student Evaluation Division.

Before writing the Project Report, the Project Proposal should be sent for approval to ‘The Course Coordinator, MECP-102 Course, Block F, School of Social Science, IGNOU Campus, Maidan Garhi, New Delhi 110 068’. A proforma for submission of Project Proposal is included in the Project Guide.

When the Project Report is complete, it should be sent to the **Registrar Student Evaluation Division, IGNOU, Maidan Garhi, New Delhi- 110068** for evaluation purposes. Completed project report should NOT be sent to the Course Coordinator/ Faculty of Economics. The guidelines on how to prepare a project proposal are provided below.

## Guidelines for Preparing a Project Proposal

- 1) A proposal should be of 4-5 pages. It must contain the following sections: (i) Introduction,
- 2) (ii) Objectives, (iii) Data Sources with variables identified and Methodology, (iv) Limitations and (v) Chapter Scheme.
- 3) The Topic selected should ideally be based on a brief Literature Review. Literature reviewed should be cited in Introduction. Citation should be in the 'author (year)' format.
- 4) A Project Proposal in Economics should demonstrate understanding of Theory and ability to carry out empirical work to 'test theory using data'. Such proposals would have computations, estimation, testing of hypotheses, inference, etc. For instance, you may wish to study 'poverty'. There are many measures of poverty. Each method require particular type of data. Or, you may want to compare the growth profile of different sectors of the economy like agriculture, industry, etc. Growth rate can be calculated with data for two points of time or by using data that is available in a time series for many years.
- 5) Objectives of your study should be so stated that their first word is a 'functional verb'. Examples of functional verbs suitable to empirical studies (i.e. studies based on quantitative or statistical data) are what are stated in 3 above (compute, estimate, test, infer, etc.). Such studies can be based on secondary data published from different governmental (CSO, NSSO) and non-governmental agencies (CMIE).
- 6) You can see for yourself that for empirical studies, it is easy to establish a one-to-one linkage between the functional verbs used in objectives and their elaboration that you can provide under the section of 'methodology'. Proposals with such clear linkage, between objectives specified and methodology detailed, would get easy approval by the faculty.
- 7) Proposals need not necessarily be empirical. This means studies proposed can be based on qualitative data or mere descriptive account. Appropriate functional verbs which can be used for such studies are: discuss, explain, bring out, identify, illustrate, etc. For instance, you may undertake to survey 'efforts made for self-employment venture and their success'. Such studies need primary survey. For studies based on primary survey, it is important to give (i) area where survey is proposed to be carried out, (ii) survey unit (e.g., household, establishment, institution), (iii) sample size and (iv) method of drawing a random sample for the study (where applicable).
- 8) The above-mentioned points (explicitly written under the five heads mentioned in 1 above), would constitute the bare minimum of your Project Proposal. Note that under 'data sources and methodology' you must indicate the periodicity of data (i.e. monthly, quarterly, yearly, etc.) considered, formulae for computation, test statistic, etc. in as much detail as possible. Proposals with such details would be approved without any need for revision and resubmission.

- 9) While the above is the minimum requirement, note that you have studied in your compulsory theory papers a lot of other techniques and concepts. For instance, for analyzing the cause and effect, or for identifying the determinants of an economic phenomenon like growth, you can fit a regression model with empirical data. You can see that the functional verb 'examine' can be used in your objectives for such an analysis. This verb can be suitably used both in quantitative and qualitative studies. If you are able to include such things, your proposal rises above the minimum level expected.
- 10) A more detailed Project Guide is uploaded on eGyankosh in our university's website. You can access it by following the Path: eGyankosh – IGNOU Self Study Material (SLM) – School of Social Sciences (SOSS) – Levels – Masters Degree Programmes – Current – Master of Arts (Economics) (MAEC) – 2nd Year/Project Guide.

***Please Note:* For Regional Centers & Study Centers please visit IGNOU's website [www.ignou.ac.in](http://www.ignou.ac.in)**

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## **10. SOME FORMS FOR YOUR USE**

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We are enclosing sample copies of certain forms which you will find to be useful. Whenever you have to correspond with the University, please get a photocopy of the relevant form, fill it carefully, and send as per instructions therein. The detailed instructions for all these forms are provided in this programme guide in different sections. The following forms are enclosed:

- 1) Assignment remittance-cum-acknowledgement form
- 2) Change of medium of study/optional courses
- 3) Application for credit transfer
- 4) Intimation of non-receipt of study material
- 5) Application Form for issue of a Duplicate copy of Diploma/ Degree/ Certificate
- 6) Form for duplicate Grade Card/Mark sheet
- 7) Form for Provisional Certificate
- 8) Form for Issue of Migration Certificate
- 9) Form for Early declaration result
- 10) Form for Re-Evaluation of Answer Script
- 11) Form for Improvement in division/class
- 12) Issuance of Official Transcripts
- 13) Obtaining photocopy of answer scripts

**INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
ASSIGNMENTS REMITTANCE-CUM-ACKNOWLEDGEMENT FORM**

Enrolment No. : 

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Programme : **MA Economics**

Name : \_\_\_\_\_

Medium : **English/Hindi**

Course Code : \_\_\_\_\_

S.No.      Assignment No. \_\_\_\_\_

**FOR OFFICE USE ONLY**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature of the Student \_\_\_\_\_

Date : \_\_\_\_\_

Sr. No. :	
Signature of the receiver	Date :
	Seal

- Notes : 1. Submit this form to the coordinator of your study centre alongwith the assignment.  
2. When you submit the assignment by post, enclose a self-addressed stamped envelop along with this.

Enrolment No. :	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td><td style="width: 20px; height: 20px;"></td></tr></table>											Programme : <b>MA Eco</b>
Name :	_____											
Course Code :	_____											
		Medium :										
		_____										
<b>S.No.</b>	<b>Assignment No.</b>	<b>For Office Use Only</b>										
		Sr. No. :										
		Date of Receipt :										
		_____										
		Name of Evaluator :										
		_____										
		Date of despatch to the Evaluator :										
		_____										
		_____										
<b>Sig. of dealing Accountant</b>	<b>Date of receipt from</b>											
Date : _____	Evaluator : _____	_____										

To  
The Regional Director

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Change of Medium: Rs. 350/- + Rs. 600/- for 4 credit  
and Rs. 1200/- for 8 credit per course  
Change of Courses: Rs. 600/- for 4 credit per course  
Rs. 1200/- for more than 4 credit per course.  
This is permitted within 30 days from receipt of first set  
of course material

Sub.:                   1. Change of Medium of Study  
                          2. Change of Courses of Study

Enrolment No.: 

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1. Change of Medium: From \_\_\_\_\_ to \_\_\_\_\_
2. Change of courses of study as per following details:

Title of the Course offered at the time of Registration	Medium	New Course to be offered	Medium

**Fee Details:** Demand draft is to be made in the name of IGNOU payable at the city of your Regional Centre.

Demand Draft No. \_\_\_\_\_ Dated \_\_\_\_\_

Amount Rs. \_\_\_\_\_ Drawn on \_\_\_\_\_

Signature:

Name \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Phone & Email \_\_\_\_\_



# INDIRA GANDHI NATIONAL OPEN UNIVERSITY

Maidan Garhi, New Delhi-110 068

Please see instructions overleaf

Application for Credit Transfer in M.A. (Economics) Programme

Enrolment No. 

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Name & Address \_\_\_\_\_ Programme of Study : 

--

Details of Credit Transfer Fee paid : \_\_\_\_\_  
 D.D. No. \_\_\_\_\_ Date \_\_\_\_\_ Amount \_\_\_\_\_

Drawn on (Bank & Branch) \_\_\_\_\_  
 Payable in favour of IGNOU, New Delhi (fee is Rs. 500/- per 8 credit course or a part thereof)

Details of Courses applied for Credit Transfer :					IGNOU Credit Equivalence desired					
S. No.	Subject (s) Qualified	Maximum Marks	Percentage of Marks	Marks Obtained	Year of Passing	Course Code	Course Title	Credits		
All of the Information provided above is true to the best of my knowledge										
(For Office use only)										
Recommendations of Schools :										
Credit Transfer recommended for the following Courses					Credit Transfer for the following courses not recommended					
Course Code	Course Title	Credits	Marks	Percentage	Signature of Director of School	Course Code	Course Title	Credits	Reasons for Rejection	Signature of Director of School

Student Signature & Date :

## INSTRUCTIONS FOR SUBMISSION FOR APPLICATION FOR CREDIT TRANSFER

- 1) Read the instructions given in your Programme Guide carefully.
- 2) For M.A. Credit Transfer is allowed up to a maximum of 32 credits only.
- 3) Enclose the attested copies of the following along with the form :
  - Marks lists issued by the accredited Institute/University.
  - Syllabus of accredited Institute/University.
  - Prospectus issued by the accredited Institute/University.
- 4) Pay the credit transfer fee at the rate of Rs. 500/- per 8 credits or part thereof through a crossed Demand Draft in favour of 'India Gandhi National Open University' payable at New Delhi.
- 5) Submit the filled in Credit Transfer Form to the following address:

The Registrar (Student Registration Division)Indira  
Gandhi National Open University Maidan Garhi  
New Delhi-110 068

ignou  
THE PEOPLE'S  
UNIVERSITY



**INDIRA GANDHI NATIONAL OPEN UNIVERSITY**  
**Student Evaluation Division Maidan**  
**Garhi, New Delhi-110 068**

**APPLICATION FORM FOR ISSUE OF A DUPLICATE COPY OF UNIVERSITY DIPLOMA/DEGREE/  
CERTIFICATE**

**Note: For instructions, please see reverse.**

To  
The Registrar  
Student Evaluation Division  
Indira Gandhi National Open University  
Maidan Garhi  
New Delhi-110068

Received Rs. ....

Bank Draft No.....

Dealing Assistant  
IGNOU

Sir,

I wish to have a duplicate copy of my Diploma/Degree/Certificate for the Programme .....  
Examination for the following reasons:

.....

The prescribed fee of Rs. 750/- or ..... is submitted herewith.

The required particulars are given below:

1. Name of Candidate (in Block letters in English .....  
(in Hindi):.....
2. Father's Name (in Block letters):.....
3. Programme:  Enrolment Number: 

--	--	--	--	--	--	--	--	--	--
4. Contact No: (Mobile No.)..... Landline No:.....
5. Examination Passed in Term End Examination (June/December & year):, .....
6. Result: .....Grade /Division:.....
7. Name of the Study Centre: .....
8. Name of the Regional Centre: .....
- & other particulars: .....
9. Full Permanent Address of the Student: .....
- .....

I solemnly declare that the particulars given above are correct to the best of my knowledge.

Yours faithfully

Signature of the Student

Postal Address.....  
.....

I Certify that the above entries made by the applicant are correct.

Signature of Regional Director  
With Stamp

**Note:** To be filled in duplicate, original copy will be forwarded by Regional Director to Registrar (SED) and duplicate copy to be retained by the Regional Director for reference.

### **INSTRUCTIONS TO CANDIDATES FOR ISSUE OF DUPLICATE COPY OF UNIVERSITY DEGREE / DIPLOMA / CERTIFICATE**

1. Fee for issuing a duplicate (a) Diploma (b) Degree & (c) Certificate:-
  - (i) Rs. 750/- for Indian Students
  - (ii) Rs. 1500/- for SAARC Countries Students
  - (iii) \$50 for Non-SAARC Countries Students

**(THE REQUISITE FEE IS REQUIRED TO BE PAID THROUGH DEMAND DRAFT  
DRAWN INFAVOUR OF 'IGNOU' PAYABLE AT NEW DELHI')**

2. The form should be filled in duplicate legible and signed by the candidate.
3. The form should be submitted through the Regional Director of the concerned Regional Centre through which the candidate appeared at the said examination, and the duplicate copy will be sent through the Regional Director concerned.
4. A duplicate copy of the Diploma, Degree or Certificate will be issued on submission of any affidavit signed by a First Class Magistrate together with an attested copy of the F.I.R. lodged with the nearest Police Station to this effect by the candidate on the grounds that either the original Diploma, Degree or Certificate has been irrecoverably lost, destroyed or defaced and on payment of the fee prescribed.
5. In very special cases subsequent copies of the Diploma, Degree or Certificate may be issued for not more than four times on submission of an affidavit signed and certified by a First Class Magistrate to the effect that the Diploma, Degree or Certificate issued previously by the university has been lost or destroyed, and on payment of the fee as are prescribed for the same of duplicate copy.

**FORM FOR AFFIDAVIT TO BE EXECUTED ON A NON-JUDICIAL STAMP PAPER OF THE VALUE OF RS. 10/- BEFORE FIRST CLASS MAGISTRATE**

I ..... Son / Daughter of Shri ..... do hereby solemnly declare that the original Degree Certificate dated ..... issued to me by the Registrar, Student Registration & Evaluation Division, Indira Gandhi National Open University, Maidan Garhi, New Delhi-110068 on my having passed the Examination in ..... under University Enrolment No ..... has been lost/destroyed.

I have filed an F.I.R. with ..... Police Station ..... and a copy of the same duly attested by a Gazetted Officer / First Class Magistrate is appended hereto.

I also undertake that if my Original Diploma / Degree / Certificate which has been lost, if put to any unfair use by the person who may lay hands on it. I shall stand for the damages which may accrue from such use.

**Deponent**

Signature: .....

Address: .....

**Verification:**

Verified at ..... this ..... day of ..... 20 that the contents of my affidavit are true to the best of my knowledge.

**Deponent**

**SWORN BEFORE ME**

Signature: .....

Designation: .....

Office Seal: .....

To  
The Registrar,  
MPDD, IGNOU  
Maidan Garhi, New Delhi



**Sub : Non-receipt of Study Material**

Enrolment No. 

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Programme 

--

Medium of Study 

--

I have not received the study Materials in respect of the following :

Sl. No.	Course Code	Blocks
---------	-------------	--------

I have remitted all the dues towards the course fee and there is No change is my address given as follows :

Name and Address : .....

Signature : .....

.....

Date : .....

.....

.....

**For Official Use**

Date of despatch of study material to students .....



Control No.....

**INDIRA GANDHI NATIONAL OPEN UNIVERSITY**  
**Maidan Garhi, New Delhi-110 068**

**APPLICATION FORM FOR OBTAINING DUPLICATE GRADE CARD/ MARKSHEET**

Name .....

Enrolment No.

--	--	--	--	--	--	--	--	--	--

Address

.....  
.....  
.....  
.....

Pin

--	--	--	--	--	--	--	--

Programme .....

Month and Year of the Exam. ....

Centre from where appeared at last examination .....

Bank Draft / IPO No. .... Dated .....

for Rs. 200/- in favour of IGNOU, New Delhi .....

.....  
Signature

Dated .....

**Note :** Fee for duplicate grade card Rs.200/-. The duplicate grade card/mark sheet will be sent by Registered post.

The filled in form with the requisite fee is to be sent to :

The Registrar (Student Evaluation Division)  
Indira Gandhi National Open University  
Maidan Garhi,  
New Delhi-110 068



**INDIRA GANDHI NATIONAL OPEN UNIVERSITY**

**Student Evaluation Division  
Maidan Garhi, New Delhi-110 068**

**APPLICATION FORM FOR ISSUE OF PROVISIONAL CERTIFICATE**

Enrolment No. 

--	--	--	--	--	--	--	--	--

Programme Title .....

Regional Centre .....

Name .....

Father's Name .....

Month and year of last examination in which you have completed the Programme .....

Mailing Address .....

.....

.....

.....

(Please Enclose a copy of your complete grade card.)

Filled in Application Form should be sent to:

**The Registrar (Student Evaluation Division)  
IGNOU,  
Maidan Garhi,  
New Delhi-110068**

Date .....

.....





**INDIRA GANDHI NATIONAL OPEN UNIVERSITY**  
(To be submitted at the concerned Regional Centre)

## Application Form for Issue of Migration Certificate

(To be filled in by the Applicant – Before filling in the form, see instruction on reverse)

1. Name :.....
2. Father's/Husband's Name :.....
3. Address .....  
.....Pin .....
4. Particulars of last examination .....

Examination Passed (Programme)	Year of Passing	Enrolment No.	Marks Obtained	Grades Obtained

5. Name of the Regional Centre and Study Centre in which the Candidate is attached  
.....
6. Name of the University to which the Candidate wants to migrate  
.....

Draft Details	
Amount Rs. _____	D.D. No. _____ Date _____
Bank Name _____	Place of Issue _____

(To be filled in by the Admissions Division)

1. The information furnished by Shri/Smt./Km. \_\_\_\_\_ is correct as per scholar register.
2. He/She may be issued the Migration Certificate applied for \_\_\_\_\_  
Date \_\_\_\_\_ Dealing Assistant \_\_\_\_\_ Section Officer \_\_\_\_\_

I hereby declare that the information provided is correct to the best of my knowledge and I have paid all fee due to the University. In the event of any of the above information being found incorrect, the Certificate shall be liable to cancellation by the University.

Received the Migration Certificate No. \_\_\_\_\_ dated \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the Applicant

## INSTRUCTIONS

1. A fee of Rs. 500/- should be remitted by way of a Demand Draft drawn in favour of IGNOU and payable at concerned Regional Centre/City.
2. At the time of submission of the application for issue of Migration Certificate the student should attach xerox copy of consolidated Statement of Marks of Provisional Certificate issued by this University (duly attested) for verification.
3. Duplicate Migration Certificate can be issued on payment of Rs. 500/- only in case it has been lost, destroyed or mutilated on submission of an Affidavit drawn up on a non-judicial stamp paper of the value of Rs. 10/- to be sworn before a Magistrate on the following format.

“I, \_\_\_\_\_ Son/daughter/wife of \_\_\_\_\_  
resident of \_\_\_\_\_ hereby  
solemnly declare that the Migration Certificate No \_\_\_\_\_ dated \_\_\_\_\_ issued  
to me by the \_\_\_\_\_ to enable me to join \_\_\_\_\_  
\_\_\_\_\_ University has been lost and I did not join any other University on the basis of the  
same nor have I submitted the same for joining any other University. In case the lost Migration Certificate  
is found, I shall deposit the same to the University”.



**INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
STUDENT EVALUATION DIVISION**

**APPLICATION FORM FOR EARLY DECLARATION OF RESULT OF TERM-END EXAMINATION**

(Rules & regulations are mentioned on the reverse side of this form. Please go through them carefully before filling up the form).

1. Name : .....
2. Programme:  Enrolment No:
3. Address: .....  
.....  
..... Pin

4. Reason for early declaration of result: .....

(Enclose a copy of the documentary evidence specifying the reason for early declaration)

5. Courses(s) detail for early evaluation:-

S. No.	Course Code	Date of Examination
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____

6. Exam. Centre details, from where you have to appear/appeared at Term-end Examination:-

Exam. Centre Code:  Address of Exam. Centre: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

7. **Fee detail:**

(The fee for early declaration of result is Rs. 1000/- per course, which is to be paid through demand draft drawn in favour of 'IGNOU' & payable at the City of Evaluation Centre)

No. of Course(s): ..... X Rs. 1000/- = Total Amount: .....

Demand Draft No.: ..... Date: .....

Issuing Bank: .....

Date:.....

**(Signature of the student)**

**RULES & REGULATIONS FOR EARLY DECLARATION OF RESULTS**

1. Request for early declaration of results will be entertained for final semester/year or maximum of 4 backlog courses only, subject to the following conditions:-
  - i) The student has been selected for higher study/employment and statement of marks/grade card is required to be produced to the institute by a particular date, which is before the prescribed dates of declaration of the University's results.
  - ii) The student has completed all the other prescribed components except the term-end examination of the courses, for which early evaluation has been sought.
2. Application for early declaration, for the reasons such as to apply for recruitment/higher study/post and promotion purpose etc. will not be entertained.
3. Application without enclosing documentary evidence specifying the reason for early declaration will not be entertained.
4. Application form must reach at the following address before the date of the examination for the course (s) for which early evaluation is sought:-

Sl.No.	Address of Evaluation Centre	Jurisdiction of Evaluation Centre
1.	Dy. Registrar Evaluation Centre Block-5, IGNOU, Maidan Garhi New Delhi-110068	All Examination Centres within Delhi-1, Delhi-2, Delhi-3, All Schools and Divisions at Hqs.
2.	Dy. Registrar Evaluation Centre, Periyar Thidal No.50, EVK Sampath Road Vepery Chennai – 600 007	All Examination Centres in Chennai, Hyderabad, Port Blair, Vijayawada, Trivandrum, Cochin, Bangalore, Madurai, Panaji, Nagpur and Sub-RC Vatakara.
3.	Dy. Registrar Evaluation Centre IGNOU Regional Centre 2 <sup>nd</sup> Floor, Bismaun Tower W. Gandhi Maidan, Patna -800 001	All Examination Centres in Patna, Raipur, Bhuvaneshwar, Koraput, Siliguri and Raghunathganj.
4.	Dy. Registrar Evaluation Centre, IGNOU Regional Centre, B-1/33, Sector-H, Aliganj Lucknow – 226 024	All Examination Centres in Lucknow, Varanasi, Aligarh, Dehradun, Noida, Karnal, Chandigarh, Khanna, Shimla, Jammu and Srinagar,
5.	Dy. Registrar Evaluation Centre, IGNOU Regional Centre, 1 <sup>st</sup> Floor, MSFC Building 270, Senapati Bapat Road, Pune-411016	All Examination Centres in Pune, Ahmedabad, Bhopal, Jabalpur, Jaipur, Rajkot and Mumbai.
6.	Dy. Registrar Evaluation Centre, IGNOU Regional Centre, H/No.71, GMC Road Christian Basti, Guwahati – 781 005	All Examination Centres in Guwahati, Itanagar, Imphal, Shilong, Agartala, Gangtok, Kohima and Aizwal.
7.	Dy. Registrar Evaluation Centre IGNOU Regional Centre Bikash Bhavan, 4 <sup>th</sup> Floor, North Block, Bidhan Nagar (Salt Lake City) Kolkata-700091.	All Examination Centres in Kolkata, Darbhanga and Ranchi.



**INDIRA GANDHI NATIONAL OPEN UNIVERSITY  
MAIDAN GARHI, NEW DELHI-110068**

**APPLICATION FORM FOR RE-EVALUATION OF ANSWER SCRIPT**

Name : .....

Programme : .....

Enrolment No. 

--	--	--	--	--	--	--	--	--	--

Address:.....

.....

.....

PIN : 

--	--	--	--	--	--

Month and Year of the Exam : .....

Name of Exam Centre: .....

Centre Code : .....

Course, in which Re-evaluation is sought	COURSE CODE	TITLE OF THE COURSE
.....	.....	.....
.....	.....	.....
.....	.....	.....
.....	.....	.....

**Fee detail:**

(The fee for Re-evaluation of answer script is Rs. 750/- per course, which is to be paid through demand draft drawn in favour of 'IGNOU' & payable at the City of Evaluation Centre)

No. of Course(s): ..... × Rs. 750/- = Total Amount: .....

Demand Draft No. .... Date: .....

Issuing Bank: .....

Date: .....

**Signature of the student**

(P.T.O)

## **RULES & REGULATION FOR RE-EVALUATION OF ANSWER SCRIPTS**

- 1) The request for re-evaluation by the student must be made before 31st March for December TEE and 30th September for June TEE or within one month of declaration of results, whichever is later.
- 2) The date of declaration of result will be calculated from the date on which the result is placed on the IGNOU website.
- 3) After re-evaluation, the better of the two scores of original marks/grade and marks/grade after re-evaluation will be considered.
- 4) The revised marks/grade after re-evaluation shall be communicated to the student on receipt of re-evaluation result and result of re-evaluation will also be made available on the IGNOU website at [www.ignou.ac.in](http://www.ignou.ac.in). The minimum time required for re-evaluation shall be 30 days from the date of receipt of application.
- 5) Re-evaluation is permissible in TEE only and not in the Project/Dissertation Practicals/Lab courses, Workshops, Assignments & Seminar etc.
- 6) On the top of the envelope containing the prescribed application form,

Please mention ‘**APPLICATION FORM FOR RE-EVALUATION OF ANSWER SCRIPTS**’

- 7) Application form must reach within the prescribed dates at the following address:-

Sl.No.	Address of Evaluation Centre	Jurisdiction of Evaluation Centre
1.	Dy. Registrar Evaluation Centre Block-5, IGNOU, Maidan Garhi New Delhi-110068	All Examination Centres within Delhi-1, Delhi-2, Delhi-3, All Schools and Divisions at Hqs.
2.	Dy. Registrar Evaluation Centre, Periyar Thidal No.50, EVK Sampath Road Vepery Chennai – 600 007	All Examination Centres in Chennai, Hyderabad, Port Blair, Vijayawada, Trivandrum, Cochin, Bangalore, Madurai, Panaji, Nagpur and Sub-RC Vatakara.
3.	Dy. Registrar Evaluation Centre IGNOU Regional Centre 2 <sup>nd</sup> Floor, Biscomaun Tower W. Gandhi Maidan, Patna -800 001	All Examination Centres in Patna, Raipur, Bhuvneshwar, Koraput, Siliguri and Raghunathganj.
4.	Dy. Registrar Evaluation Centre, IGNOU Regional Centre, B-1/33, Sector-H, Aliganj Lucknow – 226 024	All Examination Centres in Lucknow, Varanasi, Aligarh, Dehradun, Noida, Karnal, Chandigarh, Khanna, Shimla, Jammu and Srinagar,
5.	Dy. Registrar Evaluation Centre, IGNOU Regional Centre, 1 <sup>st</sup> Floor, MSFC Building 270, Senapati Bapat Road, Pune-411016	All Examination Centres in Pune, Ahmedabad, Bhopal, Jabalpur, Jaipur, Rajkot and Mumbai.
6.	Dy. Registrar Evaluation Centre, IGNOU Regional Centre, H/No.71, GMC Road Christian Basti, Guwahati – 781 005	All Examination Centres in Guwahati, Itanagar, Imphal, Shilong, Agartala, Gangtok, Kohima and Aizwal.
7.	Dy. Registrar Evaluation Centre IGNOU Regional Centre Bikash Bhavan, 4 <sup>th</sup> Floor, North Block, Bidhan Nagar (Salt Lake City) Kolkata-700091.	All Examination Centres in Kolkata, Darbhanga and Ranchi.



# INDIRA GANDHI NATIONAL OPEN UNIVERSITY STUDENT EVALUATION DIVISION

## APPLICATION FORM FOR IMPROVEMENT IN DIVISION/CLASS

(Rules & regulations are mentioned on the reverse side of this form. Please go through them carefully before filling up the form).

Prescribed dates for submission of form: 1<sup>st</sup> to 30<sup>th</sup> April for June Term-end Exam.

1<sup>st</sup> to 31<sup>st</sup> October for December Term- end Exam.

1. Name: .....

2. Programme: ..... Enrolment No: .....

3. Address: .....

.....

..... Pin 

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4. Term-end examination, in which programme completed June and December .....

Total marks/Overall point grade obtained ..... Percentage obtained .....

(Please enclosed photocopy of the statement of marks/grades card)

5. Courses(s), in which improvement is sought:

**COURSE CODE**

**COURSE CODE**

- |          |          |
|----------|----------|
| 1. _____ | 4. _____ |
| 2. _____ | 5. _____ |
| 3. _____ |          |

6. **Fee details:**

(The fee for Improvement in Division/Class is Rs. 750/- per course, which is to be paid through demand draft drawn in favour of IGNOU & payable at New Delhi)

No. of Course(s): ..... X Rs. 750/- = Total Amount: .....

Demand Draft No.: ..... Date: .....

Issuing Bank: .....

7. Term-end examination, in which you wish to appear:- June/December.....

8. Examination centre details, where you wish to appear in term-end examination:-

Exam. Centre Code..... City/Town .....

.....

### UNDERTAKING

I hereby undertake that I shall abide by the rules & regulations prescribed by the University for improvement in Division/Class

Date:.....

Signature.....

Place: .....

Name:.....

## **RULES & REGULATION FOR IMPROVEMENT IN DIVISION/CLASS**

1. The improvement of marks/grades is applicable only for the Bachelor's/Master's Degree Programmes, who have completed the programme. The eligibility is as under:-
  - a) The students of Bachelor's/Master's Degree Programmes who fall short of 2% marks to secure 2<sup>nd</sup> and 1<sup>st</sup> division.
  - b) The students of Master's Degree Programmes only, who fall short of 2% marks to secure overall 55% marks.
2. Only one opportunity will be given to improve the marks/grade.
3. The improvement is permissible only in theory papers. No improvement is permissible in Practicals/Lab courses, Projects, Workshops and Assignments etc.
4. Under the Provision of improvement, a maximum of 25% of the maximum credits required for successful completion of a programme shall be permitted.
5. Students wishing to improve the 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 term-end examination in which they wish to appear for improvement.
6. No student will be permitted to improve if maximum duration to complete the programme, including the re-admission period, has expired.
7. After appearing in the examination for improvement, better of the two examinations, i.e. marks/grade already awarded and the marks/grade secured in the improvement examination will be considered.
8. In case of improvement, the month and year of completion of the programme will be changed to the Term-end examination, in which students appeared for improvement.
9. Students will be permitted for improvement of marks/grades provided the examination for the particular course, in which they wish to improve, is being conducted by the University at that time.
10. On the top of the envelope containing the prescribed application form, **please mention "APPLICATION FORM FOR IMPROVEMENT IN DIVISION/CLASS.**
11. Application form must reach within the prescribed dates at the following address:-

**The Registrar,  
Student Evaluation Division,  
Indira Gandhi National Open University,  
Maidan Garhi,  
New Delhi-110068**



**Kind Attention: All Past and Present Students of IGNOU!**

**Now you rank our Performance...**

*Dear Student,*

*As the largest distance education institution in the world. We have always endeavoured to imbibe values and skills for the development of knowledge and competencies. And it is our belief that you as the former or present student are the best person to judge how far we have succeeded in our efforts. To gain your invaluable impression, we present here a short questionnaire. All you have to do is fill it and mail it back to us. You can also fill this questionnaire online by logging on to [www.ignou.ac.in](http://www.ignou.ac.in). Your invaluable inputs shall guide us towards a direction where we shall improve our services and evolve more student-friendly study programmes.*

Vice-Chancellor, IGNOU.

Enrolment No. .... Name .....

Gender :  M  F                      Age Group :  Below 30     31-40     41-50     Above 51

Programme of Study .....

Year of Enrolment ..... Year of Completion .....

Regional Centre ..... State ..... Study Centre .....

Please Indicate your satisfaction level by putting a tick mark on your choice.

Serial No.	Questions	Very Satisfied	Satisfied	Average	Dissatisfied	Very Dissatisfied
1.	Concepts are clearly explained in the printed learning material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	The learning materials were received in time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Supplementary study material (like video/audio) available	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Academic counsellors explain the concepts clearly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	The counselling sessions were interactive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Changes in the counselling schedule were communicated to you on time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Examination procedures were clearly given to you	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Personnel in the study centres are helpful	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Academic counselling sessions are well organised	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Guidance from the Programme Coordinators and Teachers from the School0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Assignments are returned in time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Feedback on the assignments helped in clarifying the concepts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13.	Project proposals are clearly marked and discussed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14.	Studying in this programme provided the knowledge of the subject	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15.	Results and grade card of the examination were provided on time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.	Overall, I am satisfied with the programme	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

*After filling cut out this questionnaire and mail it to:*  
 STRIDE, Block-14, IGNOU, Maidan Garhi, New Delhi-110 068

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## **11. FREQUENTLY ASKED QUESTION (FAQS)**

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### **REGISTRATION & COMPLETION OF THE COURSE**

**Is there any specific advantage in completing my programme within the minimum period allowed?**

It will give you a sense of achievement to complete the programmes in the minimum period. Further, for Gold Medal in a programme only those students who qualify in the minimum period are considered. It is therefore advisable to complete your programme in the minimum period unless you have serious reasons inhibiting you from doing so.

**Can I complete the programme in more than the minimum period of two years?**

Yes. If your schedule is such that you need more time to complete your programme, the system permits it. For your M. A. (Economics) (MEC) programme, it is 5 years. This is 4 years plus one year which is the extended year.

**If I cannot complete my MEC programme in 5 years, is there any way of completing my programme with more time?**

You can seek fresh admission whereupon you will get 4 more years. You must check the procedure for fresh admission. You will find the answer to this both in our Common Prospectus (which you can freely download from our website) and also elsewhere in this Programme Guide.

**What is re-registration? Why is it needed?**

A number of learners, for some reason, cannot appear for all or any of the first year papers. The ODL system allows them to continue their programme despite this. For this reason, re-registration is compulsory irrespective of your having cleared or appeared in the first or previous year's courses. It tells the university that the learner is active.

### **COURSE MATERIAL & COUNSELLING SESSIONS**

**I have successfully registered some days back but have not yet heard anything from any division in IGNOU. When will I receive my Course Material?**

It usually takes up to 8 weeks for MPDD, IGNOU to dispatch and for you to receive course material. Meanwhile, you can visit eGyankosh on our website ([www.ignou.ac.in](http://www.ignou.ac.in)). Following the path: eGyankosh – IGNOU Self Study Material (SLM) – School of Social Sciences (SOSS) – Levels – Masters Degree Programmes –Current – Master of Arts (Economics) (MEC) – 1<sup>st</sup> Year/Programme Guide you can download the Programme Guide and also course material. Begin your studies with the Programme Guide. You can then start off with the soft material of any one course of your liking. You will soon be receiving your material by post.

### **What are Counselling Sessions?**

Counselling sessions are held in Study Centres. You must read your course material and write down your specific questions. You can pose these questions to your counsellor in the counselling session.

### **In what way attending counselling sessions are useful?**

There are multiple ways in which you can benefit by attending counselling sessions. You can clear your doubts by asking the counsellor. You can interact and discuss with your classmates and take advantage of peer learning. In some cases, students are able to build their network through these sessions.

### **Is attending counselling sessions compulsory?**

Attending counselling sessions is voluntary and not compulsory.

## **ASSIGNMENTS**

### **What are ‘assignments’?**

Assignments are an important pre-requisite for you to appear in the TEE. For appearing in TEE, submission of assignments is a must.

### **From where do I access the assignments?**

All the assignments are available at the university website. The required assignments need to be downloaded by the learners.

### **Where exactly will I find the assignments on the university website?**

The path for reaching the assignments page on the website is: Go to IGNOU website – Go to Student Support – Go to Downloads – Go to Assignments – Go to the link of the MA (Economics). From here, you must select the relevant year of your admission i.e. registration/re-registration cycle.

### **Is there any validity of a given assignment which is on the website?**

Yes, on the top of each assignment, instruction to submit and validity of the assignments is printed. For instance, you will find it written like this: for students appearing in the TEE of June 2023, the last date for submission of assignments is April 2023. Likewise, for students appearing in the TEE of December 2023, the last date for submitting assignments is the 31<sup>st</sup> of October 2023. In most cases, assignments for July and December exams are the same. You must read the instructions given on the assignments carefully.

### **Where should I submit the assignments?**

You must submit them at your SC.

### **When to submit the assignments at SC?**

It is important for you to submit them early enough without waiting till the last moment.

**What is the weightage of assignments in my final score?**

Assignments carry 30% weightage in your final results. Rest 70 % will be from your TEE score.

**Do I need to keep a copy of my assignment after submitting them to the SC?**

In the various formats prescribed, for assignments submission, there is a 'Assignment Remittance Cum Acknowledgment Form'. If you submit offline, you can obtain this acknowledgment. You can also submit assignments online. It is always advisable to retain a copy of submitted assignment with you as proof of having submitted your assignment.

**Can assignments be typed? Or, do they have to be necessarily hand written?**

All assignments need to be handwritten.

**What happens if I submit a wrong assignment?**

Wrong assignment will not be evaluated by the counsellors. In such cases, your Grade Card will not be prepared. For this reason, you must carefully look at the assignment before attempting it.

**If I miss a TEE for some reason, are the marks awarded for my assignments valid for future exams?**

Yes, assignment marks are valid for future TEEs.

**If I did not submit assignment and want to appear in TEE next year then which assignment should I submit next year?**

If you have not submitted assignment, then attempt and submit the assignment of next year. You will find that assignment on the university website. For example, you did not submit assignment in 2021 and did not appear for TEE in 2021. Then you wish to appear for TEE in 2022. You need to submit assignments for the year 2022 and not 2021.

**CREDIT TRANSFER****What is Credit Transfer? How is this helpful?**

If you have sought re-admission, the credit earned by you during your first registration validity period, will be transferred. You would have to complete the programme by preparing for only the left-over courses.

**EXAMINATION & EVALUATION****When should I fill up the exam form for June/January TEE?**

For TEE in June, submission of Exam Forms, without late fee, is from 1<sup>st</sup> February to 31<sup>st</sup> March. Thereafter, up to 28<sup>th</sup> May, you can submit Exam Forms with Late Fee. Likewise, for December TEE, the time period for submitting forms without Late Fee is from 1<sup>st</sup> August to 30<sup>th</sup> September. For more details, you must visit university website.

**How to procure my admit card or hall ticket?**

For appearing in the TEE, you must download your hall ticket or admit card from the university website and you must complete the formalities printed on the Admit Card well in time.

**How will I get to know about my exam centre?**

Your exam centre will be printed on your admit card.

**How can I apply for re-evaluation? Is there any fee to be paid for the same?**

Yes, you can apply for re-evaluation. In your Programme Guide, you can see a form prescribed for applying for this.

**Can I appear again for improving my score in one/few courses?**

Yes. But this is allowed only for improving your score if you fall short of 2% marks to secure 2<sup>nd</sup> and 1<sup>st</sup> division. This is also allowed for those who fall short of 2% marks to secure overall 55% marks in M. A. programmes.

**Do I have to prepare and appear in all the courses of a particular year of a programme?**

You can choose to appear in as many papers or courses as is convenient to you.

**How do I procure the Migration Certificate?**

There is a form prescribed. You can find the details in the Common Prospectus which you can download from our website.

**I need transcripts to apply for further education in a foreign university. What is the procedure?** Please check the university website. You need to fill a form and provide a demand draft as per the procedure provided on the website.

**PROJECT MECP 101****Is MECP 101 a core course?**

No, MECP 101 is an elective course. You have an option of not choosing it.

**How do I get guidance about a project to be done under MECP 101?**

Refer the section for steps involved in project preparation and submission which are provided in this programme guide.

**Who will be my project supervisor?**

The academic counsellors at SC will be your project supervisor. You may approach one of them and discuss with them. Alternatively, you may approach any research faculty in any research institute. In such cases, biodata of the supervisor is to be sent along with the proposal.

**Is submitting project proposal compulsory?**

Yes, a project proposal or synopsis is necessary to be submitted. Once it is accepted then you shall start working on your project.

**How do I prepare the project proposal?**

Discuss your project idea with your project supervisor. Refer the section on project guidelines in this programme guide for the guidelines. There is also a Project Guide on university website. The Project Guide is on the bottom left-hand side of the Assignments page on the website.

**Do I send my project proposal to the SC for approval?**

No

**Where to send my project proposal for approval?**

You must send the project proposal for approval to the faculty of Economics, School of Social Sciences, IGNOU Maidan Garhi, New Delhi.

**What do I do if I receive my proposal back with comments?**

You need to resolve those comments as per the feedback provided on your proposal and resubmit the proposal for approval.

**Do I need to attach the CV of my project supervisor, along with the project proposal?**

Yes, you need to send the CV of your supervisor along with the proposal. The supervisor will be approved based on that CV.

**ELECTIVES**

**How to choose electives?**

If you are confident of your mathematical competence, you must select MECE 001/101 on Econometrics. The same applies for the course MECE 003/103.

**Do I need to choose MGSE 009 and MWG 011 together? Why?**

Yes. This is because you have to complete 12 credits from your two electives. MGSE 009 is of 4 credits and MWG 011 is of 8 credits. Hence, by selecting these two courses you will complete the required 12 credits. You can also select MEDSE 046 instead of MWG 011.

**Can we change electives? How?**

Yes, you can change electives. You have to go through a process which generally takes time. For this reason, it is better if you choose your elective courses carefully at the first instance. However, if you do have to change courses, you can mail the Programme Coordinator with details. You will get the help required.

**How do I get my other queries answered?**

The above questions are illustrative. For any other question, please write to the concerned division. The e-mail IDs of different divisions are provided in this Programme Guide. Where emails are not attended to and replied for several days (10-15), you can forward the copy of mail sent by you to the email IDs [narayanprasad@ignou.ac.in](mailto:narayanprasad@ignou.ac.in) and [vijetabanwari@ignou.ac.in](mailto:vijetabanwari@ignou.ac.in)