SWAMI RAMANAND TEERTH
MARATHWADA UNIVERSITY, NANDED - 431606

स्वामी रामानंद तीर्थ
मराठवाडा विद्यापीठ, नांदेड.

(Structure and Syllabus of Four Years Multidisciplinary Degree Program with Multiple Entry and Exit Option)

UNDERGRADUATE PROGRAMME OF HUMINATIES

Major in Economics

Under the Faculty of Humanities

(Semester Pattern)

B. A. Third Year

Semester-V & VI

With Effective from Academic year 2026-2027

(As per NEP-2020)

<u>Forward by the Dean, Faculty of Humanities</u>
<u>From the Desk of the Dean</u>

National Education Policy 2020 has been announced on 29.07.2020. NEP 2020 proposes a new and forward-looking vision for India's Higher Education System through quality universities and colleges. Its key is in the curriculum and its practical implementation.

The curriculum must be exciting, relevant, and regularly updated to align with the latest knowledge requirements and meet specified learning outcomes. High-quality pedagogy is necessary to impart the curricular material to students successfully; pedagogical practices determine the learning experiences provided to students, thus directly influencing learning outcomes. The assessment methods must be scientific, designed to improve learning continuously test the knowledge application.

The university's proper framing and development of syllabi will result in the upbringing and nourishment of multidisciplinary and holistic citizens. Emphasis is on outcome-based learning. Every course has well-defined objectives and outcomes. The assessment guidelines also provide clarity and precision to the vision behind prescribing the particular course content.

NEP foresees more vibrant, socially engaged, cooperative communities and a happier, cohesive, cultured, productive, innovative, progressive, and prosperous nation. The introduction of Research Methodology and ethics will widen the vision and broaden the perspectives of the learners.

Introducing Case Studies and Field Projects has created a unique opportunity for the higher education institute to bridge the gap between the academia, industry and the community NEP believes effective learning requires a comprehensive approach that involves an appropriate curriculum, engaging pedagogy, continuous formative assessment, and adequate student support.

We are sure that the Graduate centres of this university and its affiliated colleges will implement the course effectively and successfully, resulting in a healthy and more creative academic ambience.

From .
Dr. Parag Khadke
Dean, Faculty of Humanities
Swami Ramanand Teerth Marathwada University, Nanded.

From Desk of Chairman, Board of Studies of the Subject Economics

The New Education Policy-2020, which is being implemented from the academic year 2023-24 in Swami Ramanand Teerth Marathwada University, Nanded, presents a significant opportunity to revolutionize the education sector. This policy encompasses numerous reforms in the educational framework, rules, and administrative system, aiming to achieve sustainable development in the country. objectives of this policy are focused on building an efficient and robust educational system that places special emphasis on the skills of creative thinking, communication, cooperation, empathy, and self-confidence. The policy lays down fundamental principles for educational systems and institutions, instilling Indian values through the curriculum and pedagogy. Its implementation is expected to foster constitutional values and strengthen the bond between individuals and the country as we strive to become a global hub of knowledge generation. The importance of economics in today's world, driven by liberalization, privatization, and globalization, has necessitated a new national education policy to replace the traditional education system. The revised economics curriculum aligns with this policy, aiming to provide quality education, promote sustainable development, employment opportunities, environmental awareness, holistic development, human welfare, economic theory, statistics, mathematical economics, econometrics, financial policy, employment, and vocational skills among students. Additionally, it aims to impart knowledge of both Indian and Western economics, with the goal of not only creating job seekers but also nurturing entrepreneurs. The undergraduate syllabus for economics has been developed based on the National Education Policy-2020, with a student-centric approach that offers flexibility in terms of choice of disciplines, academic pathways with interdisciplinary combinations, multiple entry and exit points, and the ability to learn at one's own pace, to the extent possible. These steps are intended to provide quality education to all stakeholders.

As the Chairman of the Board of Studies in Economics at Swami Ramanand Teerth Marathwada University, Nanded, I am pleased to announce that the syllabus was finalized in a meeting attended by more than 12 members from different institutes, ensuring a collaborative approach.

Objectives:

1. To provide students with a strong foundation in economic fundamentals, enabling them to formulate, solve, and analyze economic problems and prepare them for graduate studies.
2. To equip students with the ability to identify, formulate, and solve problems in statistics, mathematics, and macroeconomics.
3. To develop a strong foundation in economic theory by covering core areas such as microeconomics, macroeconomics, and economic thought.
4. To enhance analytical and critical thinking skills for understanding and solving real-world economic problems.
5. To provide knowledge of Indian and regional economy, with special reference to the economy of Maharashtra.
6. To equip students with quantitative and statistical techniques for economic analysis and research.
7. To build understanding of public finance and banking systems, enabling students to analyze fiscal and financial policies.
8. To develop insights into economic growth and development issues, including sectoral contributions and policy implications.
9. To familiarize students with the service sector and industrial economics, preparing them for diverse career opportunities.
10. To promote practical exposure through fieldwork, projects, and on-the-job training (OJT) for skill development and employability.

Dr. Laxman Hanmantrao Patil,
Chairman, Board of Studies in Economics,
Swami Ramanand Teerth Marathwada University, Nanded

Swami RamanandTeerthMarathwada University, Nanded

Members of the Board of Studies in the subject of Economics

Under the faculty of Humanities

Sr. No.	Name of the Member	Designation	Address with Email id	Contact No.
1	**Dr. L. H. Patil**	*Chairman*	Shivaji Mahavidhyalya, Udgir	9421365316
2	**Dr. P. P. Lonarkar**	*Member*	School of Social Science this University, Nanded.	7745083377
3	**Dr. S. U. Kadam**	*Member*	School of Social Science this University, Nanded.	8698063223
4	**Dr. V. V. Sukale**	*Member*	Peoples College Nanded.	9423345145
5	**Dr. D. D. Bhosale**	*Member*	Yeshwant Mahavidyalaya, Nanded.	7020560852
6	**Dr. C. P. Karkare**	*Member*	K.R.M Mahila Mahavidyalaya, Nanded.	9923330669
7	**Dr. R. V. Kirtankar**	*Member*	Narayanrao Waghmare College Akhda Balapur.	8788823804
8	**Dr. V. C. Belure**	*Member*	S. C. Mahavidyalaya, Ardhapur, Dist. Nanded.	8329263854
9	**Dr. P. R. Muthe**	*Member*	Yeshwant Mahavidyalaya, Nanded.	9421359542
10	**Dr. B. T. Ghute**	*Member*	Dayanand College of Arts, Latur.	8329408608
11	**Dr. A. D. Wadkar**	*Member*	Shri Kumarswami Mahavidyalaya, Ausa, Dist. Latur.	9822411978
12	**Dr. Ganesh Gawande**	*Member*	Nirmal Krida & Samaji Prabodhini Trust ACS College, Badnapur.	9422716106
13	**Dr. A. A. Pagar**	*Invitee Member*	Shivjagruti Senior College, Nalegaon Dist. Latur	9021223301
14	**Dr. T. V. Powale**	*Invitee Member*	Late Babasaheb Deshmukh Gorthekar ACS Mahavidyalaya, Umri.	9403117084
15	**Dr. S. B. Mane**	*Invitee Member*	Madhavrao Patil ACS College, Palam	8459096668
16	**Dr. R. A. Jadhav**	*Invitee Member*	Mahatma Gandhi Mahavidyalay, Ahemadpur	9421314735
17	**Dr. V. K. Madnure**	*Invitee Member*	Pansare Mahavidyalay, Arjapur	9766531585
18	**Dr. M. L. Shelke**	*Invitee Member*	Kai. Bapusaheb Patil Ekembekar Maha, Udgir	9623821840
19	**Dr. S. V. Pawar**	*Invitee Member*	Sarswati Sangeet Kala Mahavidyalay, Latur.	9421448128
20	**Aditi A. Kulkarni**	*U.G Student*	Dayanand College of Arts, Latur.	9764197244

Swamı Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities Subject – Economics

Structure for Four Year Multidisciplinary Degree Program with Multiple Entry and Exit

Subject: Economics DSC,DSE,VSE,FP,OJT (Major)

Year & Level	Sem	Subject-1 Major (DSC) (Basket-1)	DSE Major Elective (Basket-2)	Subject-2 Minor (DSM)			Vocationaland Skill Enhancement Course *(Related to DSC) (Basket-3)*	Ability Enhancement Course (AEC) Value Education Courses (VEC) / IndianKnowledge System (IKS) Common for all)	Fild work/ Project/Internship/OJT/Apprenticeship/Case StudyOr Co-curricular courses(CC) (Basket 4 for (Common across faculty)	Credits	Total Credits
1	2	3	4	5			6	7	8	9	10
3 (5.5)	V	HECOCT1301 **(4Cr)** **Macro Economics-I** HECOCT1302 **(4Cr)** **History of Economic Thought-I** HECOCT1303**(4Cr)** **Economy of Maharashtra-I** **12Credits**	HECOET1301 **(4Cr)** **Industrial Economics Or** HECOET1302 **Quantitative Techniques for Economic Analysis -I Or** HECOET1303 **Economics of Growth & Development-I** **4 Credits**				HECOVC1301(2 Cr.) **Modern Banking Techniques** **2 Credits**	--	HECOFP1301(4Cr) Field Project **4 Credits**	22	U.G. Diploma 88
	VI	HECOCT1351**(4Cr)** **Macro Economics-II** HECOCT1352 **(4Cr)** **History of Economic Thought-II** HECOCT1353**(2Cr)** **Economy of Maharashtra-II** HECOIK1351**(2Cr)** **Pioneers of Indian Economic Thoughts (IKS)** **12 Credits**	HECOET1351**(4Cr)** **Public Finance Or** HECOET1352 **Quantitative Techniques for Economic Analysis -II Or** HECOET1353 **Economics of Growth & Development-II** **4 Credits**				HECOVC1351 (2 Cr.) **Economics of Service Sector** **2 Credits**	-----	HECOOJ1351(4Cr) OJT **4 Credits**	22	
Total		48	08	16	08	08	12	12+10=22	10	132	
	Exit Option: Award of UG Diploma in Major with 88 Credits and an additional 4 credits core NSQF course/Internship or continue with Major and Minor.										

Abbreviations:

1. **DSC:** Department/Discipline Specific Core (Major)
2. **DSE:** Department/Discipline Specific Elective (Major)
3. **DSM:** Discipline Specific Minor
4. **GE/OE:** Generic/Open Elective
5. **VSEC:** Vocational Skill and Skill Enhancement Course
6. **VSC:** Vocational Skill Courses
7. **SEC:** Skill Enhancement Courses
8. **AEC:** Ability Enhancement courses
9. **MIL:** Modern Indian languages
10. **IKS:** Indian Knowledge System
11. **VEC:** Value Education Courses
12. **OJT:** On Job Training: (Internship/Apprenticeship)
13. **FP:** Field Projects
14. **CEP:** Community Engagement and Service
15. **CC:** Co-Curricular Courses
16. **RM:** Research Methodology
17. **RP:** Research Project/Dissertation

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Faculty of Humanities Major in Economics

Basket 1: Major Course for Semester V- 3 Papers 04 Credits & Sem- VI 2 Papers 4 Credits and 2 Paper 2 Credits

Semester	BOS proposing Major	Details of Major Course(M)	
		CODE	Title of the Course
Semester V	BOS in Economics	HECOCT1301	Macro Economics-I
		HECOCT1302	History of Economic Thought-I
		HECOCT1303	Economy of Maharashtra-I
Semester VI	BOS in Economics	HECOCT1351	Macro Economics-II
		HECOCT1352	History of Economic Thought-II
		HECOCT1353	Economy of Maharashtra-II
		HECOIK1351	Pioneers of Indian Economic Thoughts (IKS)

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Faculty of Humanities Major in Economics

Basket 2: Major Elective (4 Credit)

BOS will suggest Major Elective Courses for semester V and VI

Student Can Chose any one Course from the following for each semester

Semester	BOS proposing Major Elective	Details of Major Elective Course(M)	
		CODE	**Title of the Course**
Semester V	**BOS in Economics**	HECOET1301	Industrial Economics **OR**
		HECOET1302	Quantitative Techniques for Economic Analysis -I **OR**
		HECOET1303	Economics of Growth & Development-I
Semester VI	**BOS in Economics**	HECOET1351	Public Finance **OR**
		HECOET1352	Quantitative Techniques for Economic Analysis - II **OR**
		HECOET1353	Economics of Growth & Development-II

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Faculty of Humanities

Basket 3 : Vocational And Skill Enhancement Course Sem-V 1 Paper 2 Credit and Sem- VI - 1 Paper 2 Credit

Semester	BOS proposing Major	Details of Vocational & Skill Enhancement Course	
		CODE	Title of the Course
Semester V	**BOS in Economics**	HECOVC1301	**Modern Banking Techniques**
Semester VI	**BOS in Economics**	HECOVC1351	**Economics of Service Sector**

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Faculty of Humanities. Major in Economics

Under Graduate Third Year Programme, Semester V *(Level 5.5)*

Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme (Hrs./ week 1 Hrs.=60 M.)	
			Theory	Practical	Total	Theory	Practical
Major	HECOCT1301	Macro Economics-I	04	--	**04**	04	--
	HECOCT1302	History of Economic Thought-I	04		**04**	04	
	HECOCT1303	Economy of Maharashtra-I	04		**04**	04	--
Major Elective	HECOET1301	Industrial Economics **OR**	**04**	--	**04**	04	--
	HECOET1302	Quantitative Techniques for Economic Analysis -I **OR**		--		04	--
	HECOET1303	Economics of Growth & Development-I		--		04	--
Vocational & Skill Enhancement Course	HECOVC1301	Modern Banking Techniques	02	--	**02**	02	--
Field work/Project/Internship/OJT/ Apprenticeship/Case Study Or Co-curricular courses(CC) (Basket 5 for CC)	HECOFP1301	Field Project		04	**04**	--	04
Total Credits			**18**	**04**	**22**	**18**	**04**
Total Credits			**18**	**04**	**22**	**18**	**04**

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. **Major in Economics**

Under Graduate Third Year Programme, Semester VI *(Level 5.5)*

Teaching Scheme

	Course Code	Course Name	Credits Assigned			Teaching Scheme (Hrs./ week 1 Hrs.=60 M.)	
			Theory	**Practical**	**Total**	**Theory**	**Practical**
Major	HECOCT1351	Macro Economics-II	04	--	**04**	04	--
	HECOCT1352	History of Economic Thought-II	04		**04**	04	
	HECOCT1353	Economy of Maharashtra-II	02		**02**	02	
	HECOIK1351	Pioneers of Indian Economic Thoughts- (IKS)	02		**02**	02	
Major Elective	HECOET1351	Public Finance **OR**	04	--	**04**	04	--
	HECOET1352	Quantitative Techniques for Economic Analysis -II **OR**	04	--		04	--
	HECOET1353	Economics of Growth & Development-II	04	--		04	--
Vocational & Skill Enhancement Course	HECOVC1351	Economics of Service Sector	02	--	**02**	02	--
Field work/Project/Internship/OJT/ Apprenticeship/Case Study Or Co-curricular courses(CC) (Basket 5 for CC)	HECOOJ1351	On Job Training (OJT)	--	04	**04**		04
Total Credits			**18**	**04**	**22**	**18**	**04**
Total Credits			**18**	**04**	**22**	**18**	**04**

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities **Major in Economics**

Under Graduate Third Year Programme, Semester V *(Level 5.5*

Examination Scheme

(40 % Continuous Assessment (***CA)*** and 60% End Semester Examination (***ESE***)

Subject	Course Code (2)	Course Name (3)	Theory					Total 7+8=9 (09)
			Continuous Assessment (CA)				ESE	
			Test Exam (4)	Assignment, Presentation, Viva, Quiz, Open book etc.(5)	Attendance (6)	Total (7)	Total (8)	
Major	HECOCT1301	Macro Economics-I	20	12	08	40	60	100
	HECOCT1302	History of Economic Thought-I	20	12	08	40	60	100
	HECOCT1303	Economy of Maharashtra-I	20	12	08	40	60	100
Major Elective	HECOET1301	Industrial Economics **OR**	20	12	08	40	60	100
	HECOET1302	Quantitative Techniques for Economic Analysis -I **OR**	20	12	08	40	60	100
	HECOET1303	Economics of Growth & Development-I	20	12	08	40	60	100
Vocational & Skill Enhancement Course	HECOVC1301	Modern Banking Techniques	10	06	04	20	30	50
Field work/Project/Internship/OJT/ Apprenticeship/Case Study Or Co-curricular courses(CC)	HECOFP1301	Field Project	--	--	--	40	60	100

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. Major in Economics

Under Graduate Third Year Programme, Semester VI *(Level 5.5)*

Examination Scheme

[40% Continuous Assessment (***CA)*** and 60% End Semester Examination (***ESE***)]

Subject	Course Code (2)	Course Name (3)	Theory					Total
			Continuous Assessment (CA)				ESE	7+8=9 (09)
			Test Exam (4)	Assignment, Presentation, Viva, Quiz ,Open book etc.(5)	Attendance (6)	Total (7)	Total (8)	
Major	HECOCT1351	Macro Economics-II	20	12	08	40	60	100
	HECOCT1352	History of Economic Thought-II	20	12	08	40	60	100
	HECOCT1353	Economy of Maharashtra-II	10	06	04	20	30	50
	HECOIK1351	Pioneers of Indian Economic Thought- (IKS)	10	06	04	20	30	50
Major Elective	HECOET1351	Public Finance **OR**	20	12	08	40	60	100
	HECOET1352	Quantitative Techniques for Economic Analysis -II **OR**	20	12	08	40	60	100
	HECOET1353	Economics of Growth & Development-II	20	12	08	40	60	100
Vocational & Skill Enhancement Course	HECOVC1351	Economics of Service Sector	10	06	04	20	30	50
Fild work/Project/Internship/ OJT Apprenticeship /Case Study Or Co-curricular courses(CC)	HECOOJ1351	On Job Training (OJT)	--	--	--	40	60	100

Swami Ramanand Teerth Marathwada University, Nanded

***Faculty of Humanities* Major in Economics**

Under Graduate Third Year Programme, Semester- V

Course** Structure:* Optional ***Major, VSC and Filed Project - Teaching Scheme

(for 4 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme(Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Total
HECOCT1301	Macro Economics-I	60	---	04	---	04
HECOCT1302	History of Economic Thought-I	60	---	04	--	04
HECOCT1303	Economy of Maharashtra-I	60	---	04	--	04
HECOET1301	Industrial Economics **OR**	60	---	04	--	04
HECOET1302	Quantitative Techniques for Economic Analysis -I **OR**	60	---	04	--	04
HECOET1303	Economics of Growth & Development-I	60	---	04	--	04
HECOFP1301	Field Project	60	---	04	--	04

(for 2 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme(Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Total
HECOVC1301	Modern Banking Techniques	**30**	**--**	**02**	**--**	**02**

Swami Ramanand Teerth Marathwada University, Nanded

***Faculty of Humanities.* Major in Economics (DSC)**

Under Graduate Third Year Programme, Semester- V

Course** Structure:* Optional ***Major - Teaching Scheme

Optional - Assessment Scheme

Course Code (2)	Course Name (3)	Theory					Total 7+8=9 (9)
		CA				ESE (8)	
		Test Exam (4)	Assignment, Presentation, Viva, Quiz, Open book etc.(5)	Attendance (6)	Total (7)		
HECOCT1301	Macro Economics-I	20	12	08	40	60	100
HECOCT1302	History of Economic Thought-I	20	12	08	40	60	100
HECOCT1303	Economy of Maharashtra-I	20	12	08	40	60	100
HECOET1301	Industrial Economics **OR**	20	12	08	40	60	100
HECOET1302	Quantitative Techniques for Economic Analysis -I **OR**	20	12	08	40	60	100
HECOET1303	Economics of Growth & Development-I	20	12	08	40	60	100
HECOVC1301	Modern Banking Techniques	10	06	04	20	30	50
HECOFP1301	Field Project	--	--	--	40	60	100

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities. **Major in Economics (DSC)**

Under Graduate Third Year Programme, Semester- VI

Course *Structure:* Optional ***Major - Teaching Scheme***

(for 4 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme(Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Total
HECOCT1351	Macro Economics-II	60	---	04	---	04
HECOCT1352	History of Economic Thought-II	60	---	04	--	04
HECOET1351	Public Finance **OR**	60	---	04	--	04
HECOET1352	Quantitative Techniques for Economic Analysis -II **OR**	60	---	04	--	04
HECOET1353	Economics of Growth & Development-II	60	---	04	--	04
HECOOJ1351	On Job Training (OJT)	60		04	--	04

(for 2 credits)

Course Code	Course Name (Paper Title)	Teaching Scheme(Hrs.)		Credits Assigned		
		Theory	CA	Theory	CA	Total
HECOCT1353	Economy of Maharashtra-II	**30**	--	**02**	--	**02**
HECOIK1351	Pioneers of Indian Economic Thought- IKS	**30**	--	**02**	--	**02**
HECOVC1351	Economics of Service Sector	**30**	--	**02**	--	**02**

Swami Ramanand Teerth Marathwada University, Nanded

***Faculty of Humanities.* Major in Economics**

Under Graduate Third Year Programme, Semester- VI

Course** Structure:* Optional ***Major

Teaching Scheme (for 4 credits)

Assessment Scheme

Course Code (2)	**Course Name (3)**	**Theory**					**Total 7+8=9 (9)**
		CA				**ESE (8)**	
		Test Exam (4)	**Assignment, Presentation, Viva, Quiz, Open book etc.(5)**	**Attendance (6)**	**Total (7)**		
HECOCT1351	Macro Economics-II	20	12	08	4 0	60	100
HECOCT1352	History of Economic Thought-II	20	12	08	40	60	100
HECOCT1353	Economy of Maharashtra-II	10	06	04	20	30	50
HECOIK1351	Pioneers of Indian Economic Thought-IKS	10	06	04	20	30	50
HECOET1351	Public Finance **OR**	20	12	08	40	60	100
HECOET1352	Quantitative Techniques for Economic Analysis -II **OR**	20	12	08	40	60	100
HECOET1353	Economics of Growth & Development-II	20	12	08	40	60	100
HECOVC1351	Economics of Service Sector	10	06	04	20	30	50
HECOOJ1351	On Job Training (OJT)	--	--	--	40	60	100

Swami Ramanand Teerth Marathwada University, Nanded
Faculty of Humanities
B. A. (Third Year) Subject: Economics

End of Semester Examination (ESE)

Question Paper Pattern for 4 Credits
with Effective from 2026-27

Note- End Semester Examination assessment (60% of the maximum marks.)

1. *The ESE question paper will consist of 6 questions (each carrying 15 marks).*
2. *Students are required to solve a total of 4 questions.*
3. *Question No.1 will be compulsory shall be based on entire syllabus.*
4. *Student need to solve ANY THREE of the remaining five questions (from Q.No.2 to 6) and shall be based on entire syllabus*

1. **Write short's note (15Marks)**
    1)
    2)
    3)
    4)
    5)

(5 sub questions (each carry 3 Marks) will be asked under question No.1 and there will be at least one sub question from each chapter, student must attempt all these sub questions.)

2. Descriptive Question (15 Marks)
3. Descriptive Question (15 Marks)
4. Descriptive Question (15 Marks)
5. Descriptive Question (15 Marks)
6. Descriptive Question (15 Marks)

Total= 60 Marks

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

B. A. (Third Year) Subject: Economics

End of Semester Examination (ESE)

Question Paper Pattern for 2 Credits Semester Pattern

with Effective from 2026-27

(Major/VSC/SEC/IKS)

Note- End Semester Examination assessment (60% of the maximum marks.)

1. *ESE question Paper will consist of 5 questions (Each carry 10 Marks)*
2. *Students are required solve a total of 3 questions.*
3. *Question No.1 will be compulsory shall be based on entire syllabus.*
4. *Student need to solve ANY Two of the remaining four questions (from Q.No.2 to 5) and shall be based on entire syllabus*

1) Write short notes (ALL)(10Marks)

    1)

    2)

    3)

    4)

2) Descriptive Question (10 Marks)

3) Descriptive Question (10 Marks)

4) Descriptive Question (10 Marks)

5) Descriptive Question (10 Marks)

Total =30 Mark

GUIDELINES FOR COURSE ASSESSMENT:

A. Continuous Assessment (CA) (40% of the Maximum Marks):

This will form 40% of the Maximum Marks and will be carried out throughout the semester. It may be done by conducting **Test Exam, Assignment, Presentations, Quiz, Viva, open book, and Attendance** will make CA .

B. End Semester Assessment (60% of the Maximum Marks):

For 2 Credits-

1. ESA Question paper will consist of 5 questions. Each of 10 marks.
2. There will be 4 sub questions in Question No. 1
3. Question No.1 will be compulsory and shall be based on entire syllabus.
4. Students need to solve ANY Two of the remaining Four Question (Q.2 to Q.5) and shall be based on entire syllabus.
5. Students are required to solve a total of 3 Questions.

For 4 Credits-

1. ESA Question paper will consist of 6 questions. Each of 15 marks.
2. There will be 5 sub questions in Question No. 1
3. Question No.1 will be compulsory and shall be based on entire syllabus.
4. Students need to solve ANY THREE of the remaining Five Question (Q.2 to Q.6) and shall be based on entire syllabus.
5. Students are required to solve a total of 4 Questions.

Evaluation Guidelines for Field Project:

Internal Assessment (40 Marks) :

Sr. No.	Contents	Marks
01	Project Proposal and Synopsis	10
02	Progress of Work and Field Participation	10
03	Field Diary	10
04	Mid-term presentation review	10
	Total Internal Marks	**40**

End Semester Assessment (60 Marks) :

Sr. No.	**Contents**	**Marks**
01	Importance of Research Topic	10
02	Data Analysis and Methodology	15
03	Final Project Report	20
04	Viva-voce	15
	Total External Marks	**60**

Note: Number of lectures required to cover syllabus of a course depend on number of credits assigned to it. For example, for a two-credit course, 30 lectures each of one hour duration are assigned, while that for a three-credit course 45 lectures.

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities Major in Economics

Under Graduate Third Year Programme,

Semester - V

Paper Code: HECOCT1301

Title: Macro Economics - I (Major)

Curriculum Details (for 4 Credits)

Introduction:

This course provides a necessary foundation in the field of economics by exploring the overall basic economic issues in the economy and the behavior of related economic factors. The course includes theoretical studies on the basic concepts of macroeconomics, basic problems, measurement of national income, the role of money in the economy, and basic concepts of inflation and deflation. The focus is on understanding how to implement policy decisions in difficult economic situations, and analyzing the overall economic factors in order to achieve economic growth by maintaining a balanced state in the economy. Through this course, students will gain knowledge of macroeconomic concepts and theories in the economy as well as an insight into the policy implementation process on the overall economic issues in the economy.

Objectives:

1. To introduce students to the basic concepts and definitions of macroeconomics.
2. To explain the various concepts of national income, their constraints and the circular flow of income.
3. To analyze the function value and theoretical approaches of money in the economy.
4. Analyze the relevant factors in the situation of Inflation and Deflation by finding out the reasons and analyzing the application factors.

Course Outcomes:

After completing the course, students will be able to:

1. Understand the definition, nature, scope, importance and limitations of macroeconomics. Also, students will have an overview of the knowledge related to the overall economic problems in the economy and the circular flow of income.
2. Along with understanding the various concepts of national income, they will also explore the obstacles in measuring national income and the reasons for low national income.
3. It will help to understand the characteristics and functions of money in the economy as well as various theoretical concepts related to the value of money and its measurement.
4. Understand the effects of Inflation and Deflation in the economy and have the knowledge of implementing policy measures related to it.

स्वामी रामानंद तीर्थ
मराठवाडा विद्यापीठ, नांदेड

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - V

Paper Code: HECOCT1301

Title: Macro Economics - I (Major)

Curriculum Details (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs. =60M.
1		**Introduction of Macro Economics**	**15**
	1.1	Definition, Nature and Scope of Macro Economics	
	1.2	Importance and Limitations Macro Economics	
	1.3	Difference between Micro and Macro Economics	
	1.4	Circular Flow of National Income – Two Sector Economy	
2		**National Income Accounting**	**15**
	2.1	Meaning and Features of National Income	
	2.2	Concepts of National Income- GDP and GDP Deflator, GNP, NNP, PCI, Disposable Income, Real and Nominal Income	
	2.3	Methods of National Income Accounting	
	2.4	Difficulties of National Income Accounting	
3		**Role of Money in the Economy**	**16**
	3.1	Definition and Functions of Money	
	3.2	Value of money and its measurement	
	3.3	Fishers Quantity Theory of Money	
	3.4	Cambridge Approaches(Quantity Theory of Money)	
4		**Inflation and Deflation**	**14**
	4.1	Meaning and types of Inflation	
	4.2	Causes and Effects of Inflation	
	4.3	Meaning and types of Deflation	
	4.4	Causes and Effects of Deflation	
		Total	**60**

Reference Books :

1. *David Romer,(2018),**Advanced Maro Economics**, M.C.Graw-Hill Book, London.*
2. *Gregory N. Mankiew, (2021),**Macro Economics**, Worth Publishers*
3. *Stephen D. Williamson,(2017),**Macro Economics**, Person Education*
4. *Ackley,G (1976), **Macro Economics: Theory and Policy**, Macmillan Publishing Company, NewYork.*
5. *Ahuja H.L. (2002) **Macro Economics**, Theory and Policy, S. Chand and Co. Ltd., New Delhi.*
6. *Mithini D.M. (2016) **Macro Economics**, Himalaya Publishing House Pvt. Ltd. ,Mumbai.*
7. *Mungase S.,Bhoite R and Muthe P.R,(2010), **Advance Economic Theory**, IDOL, University of Mumbai.*
8. *Dornbusch, R., Fischer, S., Startz, R. (2018). **Macro Economics**,12th ed. McGraw-Hill, London.*
9. *Abel, A., Bernanke, B. (2016). **Macro Economics**, 9th ed. Pearson Education.*
10. *Blanchard, O. (2018). **Macro Economics**, 7th ed. Pearson Education.*
11. *शेळके माधव (१९८७),**स्थूल अर्थशास्त्र,** पिंपळापुरे अँड कंपनी पब्लिशर्स, नागपूर.*
12. *सोळुंके आर. एस., पाटील के.के. (१९९४), **स्थूल अर्थशास्त्र**, गोमटेश प्रकाशन, परभणी.*
13. *तिकटे डी.एस., मुक्टे आर.डी. (२०१४), **स्थूल अर्थशास्त्र**, अरुणा प्रकाशन, लातूर.*
14. *झिंगन एम. एल. (२००४), **समष्टी अर्थशास्त्र**, वृंदा पब्लिकेशन, मयूर विहार, दिल्ली.*
15. *राम देशमुख,(१९९८) **स्थूल अर्थशास्त्र,** कल्पना प्रकाशन नांदेड.*
16. *झामरे जी. एन.,(२००३), **समष्टी अर्थशास्त्रीय विश्लेषण**, पिंपळापुरे पब्लिकेशन,नागपुर.*
17. *सूर्यकांत पवार (२०१४), **स्थूल अर्थशास्त्र,** नवप्रवर्तन पब्लिकेशन, लातूर.*
18. *रायखेलकर, दामजी, (२०१४), **स्थूल अर्थशास्त्र व सार्वजनिक वित्त**, विद्या बुक्स पब्लिशर्स, औरंगाबाद.*
19. *राम देशमुख (२००४), **आधुनिक स्थूल अर्थशास्त्र**, विद्या प्रकाशन,औरंगाबाद.*
20. *ढमढेरे एस.व्ही.,(२०१४), **स्थूल अर्थशास्त्र,** प्रशांत पब्लिकेशन, जळगाव.*
21. *वाडकर ए.डी.(२०२६) **स्थूल अर्थशास्त्र**, अरुणा प्रकाशन, लातूर*
22. पटनुरे नानासाहेब आणि पाटील एल.एच.,(२०२६), **स्थूल अर्थशास्त्र**, प्रभाकर पब्लिकेशन, लातूर

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - V

Paper Code: HECOCT1302

Title: History of Economic Thought- I (Major)

Curriculum Details (for 4 Credits)

Introduction:

The History of Economic Thought explains the evolution of economic ideas from early systems like Mercantilism and Physiocracy to modern theories. It studies contributions of economists such as Adam Smith, David Ricardo, Karl Marx, and later thinkers like Alfred Marshall. It further includes modern contributions of Nobel laureates like Paul Krugman. This subject helps in understanding how economic theories developed over time and provides a foundation to analyze present economic issues, policies and global economic challenges effectively.

Course Objectives:

1. To understand the historical development of economic theories
2. To study contributions of major economists from early to modern periods
3. To analyze different economic systems and their assumptions
4. To examine theories related to value, wages, population, welfare and trade
5. To understand the transition from classical to modern economics
6. To evaluate the role of innovation, behavior and gender in economics
7. To develop critical and analytical thinking in economic theory

Course Outcomes:

1. Provides a strong theoretical foundation in economics
2. Helps in understanding modern economic policies through historical ideas
3. Useful for UG/PG courses, NET/SET, UPSC/MPSC exams
4. Enhances ability to compare different economic schools of thought
5. Helps in understanding real-world economic problems like poverty, trade and development
6. Develops analytical and conceptual clarity
7. Useful for teaching, research and policy analysis

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities Major in Economics

Under Graduate Third Year Programme,

Semester - V

Paper Code: HECOCT1302

Title: History of Economic Thought- I (Major)

Curriculum Details (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs. =60M.
1		**Early Period**	15
	1.1	Mercantilism: Meaning and characteristics of Mercantilism.	
	1.2	Causes of Rise of Mercantilism	
	1.3	Physiocracy: Meaning and features of Physiocracy	
	1.4	The natural order, Net product and the Circulation of wealth in Physiocracy	
2		**Classical Period**	15
	2.1	Adam Smith – The Invisible Hand and Theory of Value	
	2.2	Devid Ricardo - Thoughts on Wages, Theory of Value	
	2.3	Thomas Malthus - Theory of Population	
	2.4	Karl Marks - Theory of Surplus Value	
3		**Neo-Classical Period**	15
	3.1	Alfred Marshal – Role of time in price determination, Concept of Internal and External Economies	
	3.2	Fredric List – Stages of Economic Development, Theory of Protection	
	3.3	Arthur Cecil Pigou – Ideas on Economic Welfare,	
	3.4	Joseph A. Schumpeter – Role of Innovation in Economic Development	
4		**Thoughts of Nobel Economist**	15
	4.1	Paul Krugman – New Trade Theory	
	4.2	Angus Deaton – Thoughts on Poverty and Welfare	
	4.3	Richard H. Thaler – Thoughts on Behavioral Economics	
	4.4	Claudia Goldin – Women's Contribution in Labour Market	
		Total	**60**

Reference:

1. Jürgen Georg Backhaus, (2012) – ***"Handbook of the History of Economic Though",*** Springer New York Dordrecht Heidelberg London, ISBN 978-1-4419-8335-0, 2012, London
2. E. K. Hunt and Mark Lautzen heiser, (2011) – ***"History of Economic Thought,"*** M.E. Sharpe, Inc. 80 Business Park Drive, Armonk, New York 10504, 2011.
3. Steven G. Medema and Warren J. Samuels, (2003) – "***The History of Economic Thought: A Reader,"*** Routledge 29 West 35th Street, New York, NY 10001, 2003.
4. Black Hours R. (1985); ***A History of Modern Economic Analysis;*** Basil Blackwell Oxford.
5. Gangio, B.N. (1977); ***Indian Economic Thought; A 19th Century Perspective***, Tata McGraw Hill; New Delhi.
6. Gide C. and G. Rist (1956); ***The Development of Economic Doctrine***, (2nd Edition); Congman Group, London. 4. Dr. S.M. Desai, Development of Economic Thought;
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9. Schumpeter, J.A. (1954); ***History of Economic analysis***; Oxford University Press; New York.
10. Seshadri, G.B. (1997); ***Economic Doctrines***; B.R. Publishing Corporation; Delhi.
11. प्रा. डॉ. अनिलकुमार वावरे, श्री. किशोर सुतार, डॉ. सविता वावरे (2022) – ***"आर्थिक विचारांचा इतिहास***," एड्डुकेशनल पुब्लिशर डिस्ट्रिब्युशन, प्रकाशन
12. प्रा. रायखेळकर व प्रा. दामजी (2022) "***आर्थिक विचारांचा इतिहास,"*** विद्या बुक्स, औरंगाबाद
13. डॉ. बी. डी. कुलकर्णी (2023) - ***"आर्थिक विचार व विचारवंत"*** डायमंड पब्लिकेशन्स, २६४/३ शनिवार पेठ, अनुग्रह अपार्टमेंट, ओंकारेश्वर मंदिराजवळ, पुणे.
14. डॉ. वी. सी. सिन्हा और डॉ. पुष्पा सिन्हा (2023) ***"आर्थिक विचारों का इतिहास"*** एस. बी. पी. दि. पब्लिकेशन, नव-दिल्ली.
15. डॉ. एच. आर. गोदारा (2020) – ***"आर्थिक विचारों का इतिहास"*** कॉलेज बुक हाऊस, जयपूर.
16. डॉ.अनिलकुमार वावरे, ***'आर्थिक विचारांचा इतिहास'*** एज्युकेशनल पब्लिशर औरंगपुरा, छत्रपती संभाजीनगर
17. संपा.डॉ.बालाजी घुटे, स्वप्नजा पाठक, (2025), ***'2015 पासूनच्या नोबेल पारितोषिक प्राप्त अर्थतज्ञांचे आर्थिक विचार',*** Special Issue- 141, Ayushi international interdisciplinary research journal. https://www.aiirjournal.com/uploads/Articles/1741679752Special%20Issue%20141_compressed.pdf

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - V

Paper Code: HECOCT1303

Title: Economy of Maharashtra- I (Major)

Curriculum Details (for 4 Credits)

Introduction-

The economy of Maharashtra is one of the most developed and diverse in India, characterized by strong agricultural, industrial, and service sectors. This course structure provides a comprehensive understanding of its economic and geographical features along with historical background. It also highlights key demographic aspects such as population growth, urbanization, poverty, and unemployment. Further, it examines the role of agriculture and industry in the state's economic development. Overall, the syllabus aims to give a holistic view of Maharashtra's economic structure, challenges and policy framework.

Course objectives:

1. To provide in depth knowledge about Economy of Maharashtra.
2. To introduce the Economic & Geographical aspects.
3. To prepare students for various competitive examinations.

Course outcomes:

Student will be able to

1. Understand the History and formation of Economy of Maharashtra.
2. Demonstrate the importance of the Maharashtra Economy in the National Economy.
3. Know the Economic, Demographic, Agriculture, & Industry pattern of Maharashtra.

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - V

Paper Code: HECOCT1303

Title: Economy of Maharashtra- I (Major)

Curriculum Details (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs. =60M.
1		**Economic and Geographical Features of Maharashtra**	15
	1.1	Historical Background of Maharashtra State	
	1.2	Nature of the Economy of Maharashtra	
	1.3	Main features of the Economy of Maharashtra	
	1.4	Role of Maharashtra in Indian Economy	
2		**Demographic Features of Maharashtra**	15
	2.1	Population Characteristics	
	2.2	Population- Size, Growth rate, Sex Ratio of Maharashtra	
	2.3	Poverty and Unemployment- Causes and Remedies.	
	2.4	Urbanization- Causes and Effects.	
3		**Agriculture Sector in Maharashtra**	15
	3.1	Role of Agriculture in the Economy of Maharashtra.	
	3.2	Main Crops & Area Under Cultivation.	
	3.3	Sources of Irrigation.	
	3.4	Agriculture Productivity- Definition, Causes of Low Productivity	
4		**Industry in Maharashtra**	15
	4.1	Role of Industries in Economy of Maharashtra	
	4.2	Special Economic Zones (SEZs) in Maharashtra	
	4.3	Problems of Agro-based industries in Maharashtra	
	4.4	Recent Industrial Policy of Maharashtra	
		Total	**60**

Suggested Readings:-

1) बी.डी इंगळे, '***महाराष्ट्राची अर्थव्यवस्था,***' अरुणा प्रकाशन लातूर 2009.

2) मंगला जंगले, '***महाराष्ट्राची अर्थव्यवस्था',*** प्रशांत पब्लिकेशर्स, जळगाव-2008

3) डॉ. राजश्री जाधव, '***महाराष्ट्राची अर्थव्यवस्था,***' अरुणा प्रकाशन, लातूर-2011.

4) माधव बिराजदार, '***महाराष्ट्राची अर्थव्यवस्था,***' विया बुक्स पब्लिशर्स, औरंगाबाद-2012.

5) डॉ. मुकुंद आर. दातीर, डॉ. सुभाष आर गुर्जर, '***महाराष्ट्राची अर्थव्यवस्था,***' अथर्व पब्लिकेशन, धुळे-2021.

6) डॉ. रिठे महादेव, डॉ. कुठे संतोष, '***महाराष्ट्राची अर्थव्यवस्था,***' प्रशांत पब्लिकेशन, जळगाव-2017.

7) डॉ. राजपूत करम सिंग, '***महाराष्ट्राची अर्थव्यवस्था,***' साई ज्योती पब्लिकेशन नागपुर 2017.

8) डॉ. जगताप दिलीप, पवार सुमित्रा, '***महाराष्ट्राची अर्थव्यवस्था,***' अथर्व पब्लिकेशन, जळगाव-2014.

9) डॉ.ए.बी.सवदी., '***द मेगा स्टेट महाराष्ट्र,'*** निराली प्रकाशन, पुणे-2019.

10) महाराष्ट्राची आर्थिक पाहणी 2016-17 ते 2022-23.

11) प्रा आर. एस. साळुंके, '***महाराष्ट्राची अर्थव्यवस्था,***' कैलास पब्लिकेशन, औरंगपुरा-औरंगाबाद.

12) पटनुरे नानासाहेब आणि देशमुख सी.जे., '***महाराष्ट्राची अर्थव्यवस्था,***' प्रभाकर पब्लिकेशन, लातूर-2026

13) Population census of Maharashtra 2011

14) www. maharashtra.gov.in

15) Gaurav Datt and Ashwani Mahajan, Datt and Sundaram's '***Indian Economy***,' S. Chand Publications.2014

16) Ramesh Singh, ***'Indian Economy***,' Mc Graw Hill, 17th Edition, 2025

17) Dr. Mukund Datir ***'Economy of Maharashtra***,' Atharva Publication, 18 September, 2021.

18) Himanshu Mehata – ***'Maharashtra Economy***,' Nirali Prakashan, January, 2018

स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ, नांदेड

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-V

Paper Code: HECOET1301

Title – Industrial Economics *(Major Elective)*

Curriculum Details: (for 4 Credits)

Introduction-

Industrial Economics is an important branch of Economics that studies the structure, behavior and performance of industries in an economy. This course provides a comprehensive understanding of industrial concepts, firm types and the significance of industrialization in economic development. It also covers major theories of industrial location proposed by economists like Alfred Weber and Sargent Florence. Further, the syllabus explains industrial combinations, mergers and the role of multinational corporations in the global economy. Overall, the course focuses on analyzing the performance and challenges of industries in India along with suitable remedial measures.

Objectives:

1. To develop a clear understanding of the concepts, scope and significance of Industrial Economics.
2. To analyse the role of industrialization in economic development and different types of business organizations.
3. To study theories of industrial location and factors influencing industrial establishment.
4. To examine the performance, problems and policy measures related to industries in India.

Course Outcomes:

1. Students will be able to explain key concepts and theories of Industrial Economics.
2. Students will gain the ability to analyse industrial location decisions and organizational structures.
3. Students will understand industrial combinations, mergers and the role of multinational corporations.
4. Students will be able to evaluate the performance and challenges of Indian industries.

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-V

Paper Code: HECOET1301

Title – Industrial Economics *(Major Elective)*

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60M.
1.0		**Introduction to Industrial Economics**	**17**
	1.1	Industrial Economics: Meaning and Scope	
	1.2	Significance of Industrial Economics	
	1.3	Role of Industrialization in Economic Development	
	1.4	Types of Firms- Individual Proprietorship, Partnership, Joint Stock Company, Public Enterprises (Meaning and Features)	
2.0		**Theories of Industrial Location**	**15**
	2.1	Concept of Industrial Location	
	2.2	Alfred Weber's Theory of Industrial Location	
	2.3	Sargent Florence's Theory of Industrial Location	
	2.4	Factors Affecting Industrial Location	
3.0		**Industrial Combination**	**13**
	3.1	Concept and Importance of Industrial Combination	
	3.2	Horizontal and Vertical Combination	
	3.3	Mergers, Acquisitions and Takeovers	
	3.4	Multinational Corporations -Meaning and Importance	
4.0		**Performance and Problems of Indian Industries**	**15**
	4.1	Performance and Problems of Large-Scale Industries : Cotton- Textile and Sugar	
	4.2	Performance and Problems of Small-Scale Industries	
	4.3	Agro- based Industries: Problems and Remedies	
	4.4	Industrial Sickness- Causes and Remedial Measures	
		Total	**60**

Reference Books-

1. Barthwal, R. R. (2010). ***Industrial economics: An introductory textbook,*** (2nd ed.). New Age International Publishers.
2. Cherunilam, F. (2010). ***Industrial economics: Indian perspective,*** (5th ed.). Himalaya Publishing House.
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8. Kuchhal, S.C. (1980), ***Industrial Economics of India*** (5th Edition), Chaitanya Publishing House, Allahabad.
9. Ahluwalia, I.J. (1985***), Industrial Growth in India***, Oxford University Press, New Delhi.
10. Singh, A. and Sadhu, A.N. (1988), ***Industrial Economics***, Himalaya Publishing House, Mumbai.
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16. रायखेलकर,खेडकर (1999), ***औद्योगिक अर्थशास्त्र,*** विद्या बुक पब्लिशर्स, औरंगाबाद.
17. कोंडेवार, यु. बी. व स्मिता कोडेवार (2005), ***औद्योगिक अर्थशास्त्र***, शोभा भारती प्रकाशन, अहमदपूर.
18. इंगळे, बी.डी. (2012), ***औद्योगिक अर्थशास्त्र,*** अरुणा प्रकाशन, लातूर.
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20. रायखेलकर, दामजी (2014), ***औद्योगिक अर्थशास्त्र***, विद्या बुक पब्लिशर्स, औरंगाबाद.
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Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-V

Paper Code: HECOET1302

Title – Quantitative Techniques for Economic Analysis - I ***(Major Elective)***

Curriculum Details: (for 4 Credits)

Introduction:

Quantitative Techniques are essential tools in modern economic analysis, providing mathematical and statistical methods to understand and interpret economic phenomena. This course introduces fundamental concepts such as statistical measures (skewness, moments and kurtosis), regression analysis and time series analysis. It emphasizes the application of these techniques in analyzing economic data, identifying trends and supporting decision-making. The course aims to develop students' analytical abilities for solving real-world economic problems.

Prerequisites: Basic knowledge of elementary mathematics and introductory statistics.

Course Objectives:

1. To introduce the meaning, scope, importance, and limitations of Quantitative Techniques in economics.
2. To develop understanding of statistical measures such as skewness, moments, and kurtosis.
3. To explain the concepts of regression analysis and its application in studying economic relationships.
4. To familiarize students with time series analysis for examining trends and patterns in economic data.

Course Outcomes:

1. Students will understand the role, scope and limitations of Quantitative Techniques in economic analysis.
2. Students will be able to measure and interpret skewness, moments and kurtosis in data.
3. Students will be able to apply regression analysis to examine relationships between economic variables.
4. Students will be able to analyze and interpret time series data for identifying economic trends and patterns.

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-V

Paper Code: HECOET1302

Title – Quantitative Techniques for Economic Analysis - I ***(Major Elective)***

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs.
1.0		**Introduction to Quantitative Techniques**	**15**
	1.1	Meaning and definition of Quantitative Techniques	
	1.2	Importance and scope of Quantitative Techniques in Economics	
	1.3	Role of Quantitative Techniques in economic analysis and decision making	
	1.4	Limitations of Quantitative Techniques	
2.0		**Skewness**	**15**
	2.1	Meaning and types of skewness	
	2.2	Tests of skewness	
	2.3	Measurement of skewness - Karl Pearson's and Bowley's methods	
	2.4	Significance of skewness	
3.0		**Moments**	**15**
	3.1	Meaning and central moments	
	3.2	Problem of moments	
	3.3	Measurement of moments in - Discrete & Continuous series	
	3.4	Significance of moments	
4.0		**Kurtosis**	**15**
	4.1	Meaning of kurtosis	
	4.2	Types of kurtosis	
	4.3	Measurement of kurtosis in - Discrete & Continuous series	
	4.4	Significance of kurtosis	
		Total	**60**

Recommended Text books/ Reference:

1. Gupta, S. C. (2023). ***Fundamentals of statistics*** (8th ed., I. Gupta, Ed.). Himalaya Publishing House.
2. Gupta, S. P. (2021). ***Statistical methods*** (46th rev. ed.). Sultan Chand & Sons.
3. Joshi, R. C., & Nancy. (2024). ***Introductory Quantitative Techniques for Economic Analysis*** . Vishal Publishing Co.
4. Joshi, R. C., & Nancy. (2025). ***Intermediate Quantitative Techniques for Economic Analysis*** . Vishal Publishing Co.
5. Kothari, C. R. (2010). ***Quantitative techniques*** (3rd rev. ed.). Vikas Publishing House.
6. देशमुख, रा. (२०११). ***मूलभूत सांख्यिकी***. विद्या प्रकाशन, नागपूर.

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-V

Paper Code: HECOET1303

Title – Economics of Growth and Development-I (Major Elective)

Curriculum Details: (for 4 Credits)

Introduction:

This paper deals with the concepts of Economic Development and Economic Growth explaining the differences between them. It also throws light on the indicators of Growth and measurements of Economic Developments. This paper enables students to acquaint not only with classical theories but also introduces them with Modern theories of Economic Development, the comprehension and analytical skill of the students are expected to develop and their thinking process will be stimulated in connection with policy prescription.

Course Objectives:

1. To understand the basic concepts of Economic Growth and Economic Development.
2. To study classical theories of economic development.
3. To analyze modern and structural theories of economic development.
4. To examine the role of government policies and programmes in economic development.

Course Outcomes:

1. Students will be able to explain the concepts and indicators of economic growth and economic development and differentiate between them.
2. Students will understand and critically analyze classical and modern theories of economic development and their relevance to developing economies.
3. Students will gain knowledge about structural transformation and development strategies proposed by different economists.
4. Students will evaluate major government development programmes in India.

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-V

Paper Code: HECOET1303

Title – Economics of Growth and Development-I (Major Elective)

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hours Required to cover the contents 1Hr.=60Min.
1.0		**Economic Growth and Development:**	
	1.1	Economic Growth: Meaning and Indicators.	15
	1.2	Economic Development: Meaning and Indicators.	
	1.3	Importance of Economic Development.	
	1.4	Difference between Economic Growth and Economic Development	
2.0		**Theories of Economic Development-I:**	
	2.1	Adam Smith's Theory of Economic Development.	15
	2.2	David Ricardo's Theory of Economic Development.	
	2.3	Malthusian Theory of Economic Development.	
	2.4	J.S. Mill's Theory of Economic Development	
3.0		**Theories of Economic Development-II:**	
	3.1	Karl Marx's Theory of Economic Development.	15
	3.2	Rostow's stages of Economic Development.	
	3.3	Lewis's Theory of Unlimited Supply of Labour.	
	3.4	Rozestin Rodan's the Big Push Theory.	
4.0		**Government Policies and Economic Development:**	
	4.1	Mahatma Gandhi National Rural Employment Guarantee Scheme (Viksit Bharat –Guarantee for Rojgar and Ajeevika Mission (Gramin)-VB-G RAM-G) Features & Importance	15
	4.2	Pradhan Mantri Gram Sadak Yojana- Features & Importance	
	4.3	Pradhan Mantri Awas Yojana- Features & Importance	
	4.4	Paradhan Mantri Kisan Sanman Yojana-Features and Importance.	
		Total	**60**

Suggested Readings:

1. Joseph A. Schumpeter. (1934). ***The theory of economic development***. Harvard University Press. Cambridge
2. W. Arthur Lewis. (1954). ***Economic development with unlimited supplies of labour.*** The Manchester School, 22(2), 139–191.
3. Benjamin Higgins. (1953). ***Economic development***. NY: W. W. Norton. New York.
4. Walt W. Rostow. (1962). ***The stages of economic growth: A non-communist manifesto.*** Cambridge University Press. London:
5. Gunnar Myrdal. (1963). ***Economic theory and under-developed regions***.London: Duckworth.
6. Ragnar Nurkse. (1973). ***Problems of capital formation in underdeveloped countries***. Oxford University Press. Delhi:
7. M. L. Jhingan. (2014). ***The economics of development and planning***. Vikash Publications, New Delhi.
8. S. K. Misra., & V. K. Puri. (2023). ***Economics of development and planning*** (19 th ed.). Himalaya Publishing House. New Delhi
9. इंगळे बी. डी. (2015). ***विकास आणि पर्यावरणीय अर्थशास्त्र***. अरुणा प्रकाशन,लातूर
10. कुरुलकर र. पु. आणि एकताटे अरविंद. (1991). ***विकासाचे अर्थशास्त्र***. विद्याप्रकाशन, नागपूर
11. गायकवाड ज. पा. आणि बोरीकर अशोक. (1976). ***आर्थिक विकास आणि आर्थिक नियोजन***. विद्या प्रकाशन, नागपूर
12. देशपांडे ज्योत्स्ना. (2011). ***विकासाचे अर्थशास्त्र***. पिंपळापुरे अँड कं. पब्लिशर्स, नागपूर
13. पुरोहित-खांदेवाले वसुधा. (2026). ***विकासाचे अर्थशास्त्र***. विद्या बुक्स पब्लिशर्स, छत्रपती संभाजीनगर
14. पाटील जे. एफ. (संपा.). (2007). ***वृद्धी व विकासाचे अर्थशास्त्र***. फडके प्रकाशन, कोल्हापूर
15. शेळके मदन. (2026). ***विकासाचे अर्थशास्त्र***. प्रभाकर प्रकाशन, लातूर.
16. वावरे अनिलकुमार, आणि लोंढे मारुती. (2015). ***विकास व नियोजनाचे अर्थशास्त्र***, विद्या बुक्स पब्लिशर्स, औरंगाबाद (छत्रपती संभाजीनगर)
17. मृणालिनी फडणवीस. (2006). ***विकासाचे अर्थशास्त्र आणि सिद्धांत***. विद्या प्रकाशन, नागपूर
18. भोसले आणि काटे. (1998). ***विकासाचे अर्थशास्त्र आणि नियोजन***. कोल्हापूर: फडके प्रकाशन, कोल्हापूर

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester V

Paper Code: HECOVC1301

Title: Modern Banking Techniques

Curriculum Details for (Credits: 2)

Introduction:

Use of various modern techniques in banking system are become very crucial for enhancing financial inclusion, enabling 24/7 transactions and improving operational efficiency of banks. Such digital advancements have transformed the economy by reducing the cost and time, accelerating the digital payments and providing secure, accessible services to the customers. Therefore, need to learn about these new modern banking techniques and its consequences.

Course Objectives:

1. To study the modern banking system.
2. To study the need of digitalization of banks and its consequences.
3. To make students aware of modern banking techniques used in current era.
4. To provide knowledge about threats and measures in regard with the use of modern banking techniques.

Course Outcomes:

After successful completion of this course:

1. Students will able to understand about forms of modern banks and type of modern banking accounts.
2. Students will be able to know about process of bank digitalization and their limitations.
3. Students will acquire the knowledge of modern banking techniques and their usages.
4. Students will able to get much aware of cyber-crime, new types of banking frauds and cyber security etc.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester V

Paper Code: HECOVC1301

Title: Modern Banking Techniques

Curriculum Details for (Credits: 2)

Module No.	Unit No.	Name of Topic	Hrs. Required to Cover Contents 1Hrs. = 60 Min.
1		**Banks and Modern Banking System**	**06**
	1.1	Meaning and Functions of Banking System	
	1.2	Types of Modern Banks – Corporate banking, Investment Banking	
	1.3	Features of Digital Accounts, Digital Account openings Procedure, Importance of KYC etc.	
2		**Digitalization of Banks**	**08**
	2.1	Meaning and Need of Digitalization of banks	
	2.2	Concept of Credit Scoring, Key aspects of credit scoring in Banking.	
	2.3	Limitations of Bank Digitalization.	
3		**Modern Techniques in Banking**	**08**
	3.1	Technological instruments of banking: Credit and Debit cards, Automated Teller Machine (ATM)	
	3.2	NEFT, RTGS - Features & Procedure	
	3.3	UPI, BHIM, E-Wallets, Features & Procedure	
4		**Threats and Measures for Modern Banking**	**08**
	4.1	Hacking Issues & Cyber Crimes	
	4.2	Card Related Frauds, Site Cloning	
	4.3	Cyber Security & Other Measures: Password Protection, Smart Card , Biometric Transactions, Block Chain Technology, Regulatory Measures for e-banking	
		Total=	**30**

SKILL DEVELOPMENT ACTIVITIES

(Prepare Any five of the following for Internal assessment)

1. Prepare a chart showing the types and functions of Banking system.
2. Prepare a chart showing the structure of any one of new mode of payment e-Wallets, UPI, BHIM.
3. Prepare a specimen of any two modern modes of payments.
4. Visits a bank service centre and prepare chart of their working system.
5. Analyse the adoption rates of digital bank services across different age groups and demographic segments.
6. Survey bank customers to understand usage and satisfaction level with bank services.
7. Visit a bank and collect information about the various Instruments of Cashless.
8. Find out the recent trends in use of cashless instruments and make a class room presentation.
9. Comparison of Banking services by visiting different banks.
10. Prepare a report about Cashless transactions or use of modern bank transaction instruments experience in the Indian context.
11. Conduct a survey and enlist the retail shops and Nature of transactions carried on in your locality by using modern banking techniques.
12. Conduct survey about Cyber-crime and cyber security and prepare a report on it.

Reference:

1. Khan, M. Y. (2019), Indian Financial System (11th ed.) McGraw Hill Education (India) Private Ltd. Noida.
2. Pathak, V. B. (2018), Indian Financial System, Pearson Education, Chennai.
3. Taxman's Digital Banking, Indian Institute of Banking and Finance (IIBF), Bharti Law House.
4. Shekhar K . C. & Shekhar , L. (2013), Banking Theory and Practice (21st ed.), Vikas Publishing House, New Delhi
5. Gorden , E. & Natarajan, K. (2023), Banking : Theory, Law and Practice (30th ed.), Himalaya Publishing House, Nagpur.
6. L.M. Bhole, Jitendra Mahakud (2009), Financial Institutions and Markets: Structure, Growth and Innovations, Tata Mcgraw Hills, New Delhi.
7. Ethics in Banking, Indian Institute of Banking and Finance, Taxmann Allied Services Pvt Ltd.
8. Majumdar N. C., 'Fundamentals of Modern Banking', New Central Book Agency (P) Ltd., New Delhi.
9. Agarwal O.P., (2017), 'Banking and Insurance', Himalaya Publishing House.Delhi
10. Gopinath M. N., (2008), 'Banking Principles and Operations', Snow White Publications Pvt. Ltd, Mumbai
11. RBI (2022) repot on the trend and progress of banking in India.
12. Reserve Bank of India (2017) , Basic Financial Literacy Guide.
13. कोलते एम.एस. (2015) (दुसरी आवृत्ती), बँकिंग तत्वे आणि व्यवहार, प्रशांत पब्लिकेशन, जळगाव.
14. कोलते एम.एस. (2015) (दुसरी आवृत्ती), भारतीय बँकिंग प्रणाली, प्रशांत पब्लिकेशन, जळगाव.
15. अनास्कर विद्याधर (2023), बँकिंग क्लास रूम :भाग एक, सकाळ प्रकाशन, मुबंई.
16. ढमढेरे. एस. व्ही., अरविंद शेलार , आधुनिक बँकिंग व्यवसाय, डायमंड पब्लिकेशन्स, पुणे.
17. डॉ. मुठ्ठे पी. आर. (2017), बँक प्रणालीतील नवीन सुधारणा (घटक -VI), बँका व वित्तीय पद्धती (संपा.), दूर शिक्षण संचालनालय, स्वा. रा. ती. म. वी. नांदेड.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester V

Paper Code: HECOFP1301

Title: Field Project

Curriculum Details for (Credits: 4)

Introduction:

This course provides students with hands-on experience in conducting field surveys for economic research purposes. Through a combination of theoretical instruction and practical fieldwork, students will learn to design, implement and analyse data from field surveys tailored for economic analysis. Emphasis will be placed on understanding the principles of survey design, sampling methods, data collection techniques and ethical considerations specific to economic research.

Course Objectives:

1. To Provide Students with practical exposure to real field situation.
2. To understand the socio-economic problems in the society.
3. To develop skills of survey, field investigation, data collection, observation and analysis.
4. To train students in report writing and presentation.

Course Outcomes:

After completion the field project students will be able to:

1. Identify economic problems from the field.
2. Design survey method, interview schedule, questionnaire.
3. Collect primary and secondary data.
4. Analysis and interpret field data.
5. Prepare a research-based project report.

Guideline of Field Project:

- Student may choose topic related to their major subject such as : Agriculture and Rural economy ,Small Industries ,Sugar Industries ,Cottage Industries ,Economic Survey of farmers in village ,Agricultural Labours ,Study of SHGs ,Study of Local Market Demand and Supply ,Impact of Government Scheme on Rural Economy ,Study of Micro-Finance or Co-operative Societies , Employment Pattern in Rural /Urban area, Rural Credit and Indebtness of Farmers ,Migration in Rural Area and any other economic issue.
- A teacher in a department is eligible to guide the students.
- Project Work Report should be done by each student separately under the guidance of the teacher.
- Topics might be in the view of regional economic issues.
- Structure of field project report- At the time of report writing the student should follow the structure of field project report such as:
    1. Title page
    2. Introduction
    3. Objectives of the study
    4. Research Methodology
    5. Data analysis and interpretation
    6. Findings, Conclusion and Recommendation
    7. Bibliography
- Every table, figure, photograph should have a caption with reference.
- The total number of pages should be minimum 25, including text, figures, tables, photograph, references and appendices.
- At the time of Viva-Voce presentation may be given with the help of equipment which are available in the respective department.
- Project work will be assessed for 100 marks out of those 40 marks assessed by internal and 60 marks assessed by external

Referneces

1. Kothari, C.R. (2004), '***Research Methodology: Methods and Techniques'*** (2nd ed.), New Age International.
2. Kumar, R. (2019), ***'Research Methodology: A step-by-step guide for beginners'***(5th Ed.), Sage Publication.
3. Krishnaswamy, K.N., Shivkumar, A.I., & Maharajan, M. (2016), ***'Management Research Methodology'***, Pearson India.
4. Gujarathi, D.N., &Porter, D.C. (2009), ***'Basic Econometrics'***(5th Ed.), McGraw-Hill.
5. Ram Ahuja (2018), ***'Research Method'***,Rawat Publication, Jaipur.
6. Dooley, David (1997), ***'Social Research Method***', Prentice Hall of India, New Delhi.
7. Yin,R.K.,(1989), ***'Case Study Research Design and Method'***, Sage Publication Newburge Park ,C.A.
8. भांडारकर,डॉ.पू.ल.(१९८७),'***सामाजिक संशोधन पद्धती'***,महाराष्ट्र विद्यापीठ ग्रंथ निर्मिती मंडल ,नागपूर.
9. जी.व्ही.कुलकर्णी,(२०१२), '***संशोधन पद्धती'***, डायमंड पब्लिकेशन, पुणे
10. कुंभोजकर,जी.व्हि.(१९८२), '***संशोधन पद्धती व संख्याशास्त्र***',एम.व्हि. फडके आणि कं. कोल्हापूर.
11. डॉ.बी.डी. कुलकर्णी,डॉ.एस.व्हि.ढमढेरे, (२००७), '***अर्थशास्त्रीय संशोधन पद्धती'***,डायमंड पब्लिकेशन,पुणे.

स्वामी रामानंद तीर्थ
मराठवाडा विद्यापीठ, नांदेड

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester - VI

Paper Code: HECOCT1351
Title: Macro Economics - II (Major)
Curriculum Details (for 4 Credits)

Introduction:

This course provides an essential foundation in the field of economics by exploring the macroeconomic issues in the economy and the behavior of related economic factors. The course covers basic and theoretical concepts such as income and employment theory in macroeconomics, consumption function, saving and investment concepts, multiplier and accelerator, business cycles occurring in the economy, etc. The focus of the course is on how to implement policy decisions in difficult economic situations, understanding the analysis of comprehensive economic factors in order to achieve economic growth by maintaining a balanced state in the economy and implementing remedial measures. Through this course, students will gain an overview of the comprehensive economic issues in the economy and also gain knowledge of macroeconomic theory. Students will gain insight into the policy implementation process to eliminate the comprehensive economic issues in difficult economic situations by accurately observing them.

Objectives:

1. To analyze in depth the theory of income and employment.
2 To explain the various concepts of saving and investment in the economy.
3. To analyze in detail how multipliers and accelerators work effectively in the economy.
4. To provide the student with a comprehensive knowledge of the business cycles that arise in the economy, their stages and their control.

Course Outcomes:

1. Students acquire a comprehensive theoretical knowledge of the supply, income, employment and consumption functions in the economy.
2. They will acquire knowledge of the theoretical concepts related to the propensity to save and invest in specific situations in the economy.
3. They will acquire knowledge of how multipliers and accelerators work in different situations in terms of investment and consumption in the economy.
4. Along with understanding the concepts and stages of business cycles in the economy, they will be aware of their consequences. They will acquire the skills to adopt strategic measures to control the business cycles that arise in the economy in difficult situations.

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - VI

Paper Code: HECOCT1351

Title: Macro Economics - II (Major)

Curriculum Details (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60M.
1		**Income and Employment Theories**	**15**
	1.1	Say's law of Market	
	1.2	Keynesian theory of Income and Employment	
	1.3	Concept and Importance of Consumption Function	
	1.4	Keynesian Psychological Theory of Consumption	
2		**Saving and Investment**	**15**
	2.1	Saving: Concepts, Factors affecting saving	
	2.2	Average and Marginal Propensity of saving, Paradox of Saving	
	2.3	Meaning and Types of Investment	
	2.4	Investment Function Concept and Determinants	
3		**Multiplier and Acceleration**	**15**
	3.1	Marginal efficiency of Capital	
	3.2	Investment Multiplier : Meaning and working	
	3.3	Leakages in the Investment Multiplier	
	3.4	Acceleration and its Limitations	
4		**Business Cycles**	**15**
	4.1	Meaning and features of Business cycles	
	4.2	Phases of Business Cycle	
	4.3	Keynesian theory of Business cycle	
	4.4	Measures to control Business cycles	
		Total	**60**

Reference Books :

1. *David Romer,(2018),* ***Advanced Maro Economics****, M.C.Graw-Hill Book, London.*
2. *Gregory N.Mankiew, (2021),* ***Macro Economics****, Worth Publishers*
3. *Stephen D.Williamson,(2017),* ***Macro Economics****, Person Education*
4. *Ackley,G (1976),* ***Macro Economics: Theory and Policy****, Macmillan Publishing Company, NewYork.*
5. *Ahuja H.L. (2002)* ***Macro Economics, Theory and Policy****, S. Chand and Co. Ltd., New Delhi.*
6. *Mithini D.M. (2016)* ***Macro Economics****, Himalaya Publishing House Pvt. Ltd. ,Mumbai.*
7. *Mungase S.,Bhoite R and Muthe P.R,(2010),* ***Advance Economic Theory****, IDOL, University of Mumbai.*
8. *Dornbusch, R., Fischer, S., Startz, R. (2018).* ***Macro Economics****,12th ed. McGraw-Hill, London.*
9. *Abel, A., Bernanke, B. (2016).* ***Macro Economics****, 9th ed. Pearson Education.*
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12. *सोळुंके आर. एस., पाटील के.के. (१९९४),* ***स्थूल अर्थशास्त्र*** *,गोमटेश प्रकाशन, परभणी.*
13. *झिंगन एम. एल. (२००४),* ***समष्टी अर्थशास्त्र****, वृंदा पब्लिकेशन, मयूर विहार, दिल्ली.*
14. *राम देशमुख,(१९९८)* ***स्थूल अर्थशास्त्र****, कल्पना प्रकाशन, नांदेड.*
15. *मोहरे रा. य.,(२००३),* ***समष्टी अर्थशास्त्र****, हिमालया पब्लिकेशन, नागपुर.*
16. *झामरे जी. एन.,(२००३),* ***समष्टी अर्थशास्त्रीय विश्लेषण****, पिंपळापुरे पब्लिकेशन,नागपुर.*
17. *सूर्यकांत पवार (२०१४),* ***स्थूल अर्थशास्त्र,*** *नवप्रवर्तन पब्लिकेशन, लातूर.*
18. *रायखेलकर, दामजी, (२०१४),* ***स्थूल अर्थशास्त्र व सार्वजनिक वित्त****, विद्या बुक्स पब्लिशर्स, औरंगाबाद.*
19. *राम देशमुख (२००४),* ***आधुनिक स्थूल अर्थशास्त्र****, विद्या प्रकाशन, औरंगाबाद.*
20. *दातिर आर. के., लोमटे डी.जे., उशीर डी.जी.,(२०१८)* ***स्थूल अर्थशास्त्र,*** *निराली प्रकाशन, पुणे.*
21. *ढमढेरे एस.व्ही.,(२०१४),* ***स्थूल अर्थशास्त्र****, प्रशांत पब्लिकेशन, जळगाव.*
22. *वाडकर ए.डी.(२०२६)* ***स्थूल अर्थशास्त्र****, अरुणा प्रकाशन, लातूर*
23. पटनुरे नानासाहेब आणि पाटील एल.एच., *(२०२६)*, ***स्थूल अर्थशास्त्र***, प्रभाकर पब्लिकेशन, लातूर

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - VI

Paper Code: HECOCT1352

Title: History of Economic Thought–II (Major)

<u>Curriculum Details (for 4 Credits)</u>

Introduction:

Indian Economic Thought is a systematic study of economic ideas developed by Indian thinkers from ancient to modern times. It reflects the integration of economics with ethics, society and governance. Beginning with Kautilya, who emphasized state control and agriculture, and Gautama Buddha, who advocated ethical economy, the tradition evolved through medieval and modern thinkers. Reformers like Mahatma Gandhi and B. R. Ambedkar focused on welfare, equality and justice. This subject helps in understanding India's economic philosophy and its relevance to present-day development and policy making.

Course Objective:

1. To understand the historical evolution of Indian economic thought
2. To study contributions of key thinkers from ancient to modern India
3. To analyze economic ideas related to agriculture, labour, welfare and governance
4. To evaluate the role of ethics and morality in economic systems
5. To examine colonial impact and modern economic reforms
6. To develop a critical understanding of inclusive growth and human development
7. To connect traditional ideas with modern economic theories and policies

Course Outcomes:

1. Provides a strong foundation in Indian economic philosophy
2. Helps in understanding current economic policies through historical context
3. Useful for UG/PG students, NET/SET, UPSC, MPSC exams
4. Enhances knowledge of welfare economics, social justice, and inclusive development
5. Develops analytical and critical thinking skills
6. Useful for teaching, research and policy-making
7. Promotes ethical and sustainable economic perspectives

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Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - VI

Paper Code: HECOCT1352

Title: History of Economic Thought–II (Major)

Curriculum Details (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60M.
1		**Ancient Period**	**15**
	1.1	Kautilya: Ideas on wealth and agriculture	
	1.2	Role of government in economic development and social welfare	
	1.3	Gautam Buddha: Ethical economy	
	1.4	Equality and donation in economy	
2		**Medieval and Modern Period**	**15**
	2.1	Mahatma Basweshwar: Thoughts on Kayaka (Dignity of Labour) and Dasoha (Sharing of Wealth)	
	2.2	Chh. Shivaji Maharaj: Welfare oriented economy and Tax system	
	2.3	Welfare Thoughts about farm and farmer.	
	2.4	Dadabhai Nauraji: The Drain Theory	
3		**Modern Period**	**15**
	3.1	Mahatma Phule: Thoughts on agriculture and Labour dignity	
	3.2	Rajashri Shahu Maharaj: Thoughts on Co-operation and poverty eradication	
	3.3	Mahatma Gandhi: Gram Swaraj, Sarvodaya, Trusteeship and Swadeshi	
	3.4	Dr. Babasaheb Ambedkar: Thoughts on Agriculture & Indian fiscal system	
4		**Modern Maharashtrian Thinker and Indian Nobel Laureates**	**15**
	4.1	Yashwantrao Chavhan: Thoughts on agriculture and Co-operation	
	4.2	Shankar Rao Chavhan: Thoughts on agriculture, Irrigation & Zero-Base Budgeting.	
	4.3	Dr. Amartya Sen: Social choice theory and Human development theory	
	4.4	Dr. Abhijit Banerji: Policy innovation in education and health	
		Total	**60**

Reference:

1. Black Hours R. (1985); ***A History of Modern Economic Analysis;*** Basil Blackwell Oxford.
2. Gangio B. N. (1977) – ***"Indian Economic Thoughts***," A 19th Century Perspective, Tata McGraw Hill; New Delhi.
3. Gide C. and G. Rist (1956) – ***"The Development of Economic Doctrine,"*** (2nd Edition): Congman Group, London
4. Kautilya (1992) – ***"The Arthshastra:"*** Edited Rearranged: Translated and Introduced by Rangarajan; Pergain Books; New Delhi.
5. Abhijeet Banarjee (2011) – ***"Poor Economics: A Radical Rethinking of the Way to Fight Global Poverty,"*** PublicAffairs, United States, April 26, 2011.
6. Dadabhai Naoroji (2020) – "***Poverty and Un British rule in India***," Heritage Publishers, New Delhi,
7. Ajit Dasgupta (1993) – "***History of Indian Economic Thought***," by Routledge 11 New Fetter Lane, London.
8. B. R. Ambedkar (2019) "***The Buddha and His Dhamma***," Samyak Prakashan, House No 32/3, Pocket No-3, Club Road, Paschim Puri, New Delhi.
9. B. R. Ambedkar (2014) – ***"Annihilation of Caste,***" Navayana, New Delhi.
10. Amartya Sen (2005) – ***"The Argumentative Indian***," Penguin UK, London
11. प्रा. डॉ. अनिलकुमार वावरे, श्री. किशोर सुतार, डॉ. सविता वावरे (2022) – ***"आर्थिक विचारांचा इतिहास,***" एड्युकेशनल पुब्लिशर डिस्ट्रिब्युशन, औरंगाबाद
12. प्रा. रायखेलकर व प्रा. दामजी(2022) ***"आर्थिक विचारांचा इतिहास,***" विद्या बुक्स,औरंगाबाद.
13. डॉ. बी. डी. कुलकर्णी,2015 ***"आर्थिक विचार व विचारवंत***", डायमंड पब्लिकेशन्स,पुणे.
14. संपा.ओमशिवा लिगाडे, लहू वाघमारे, अमोल पगार, भुजंग बोबडे,(2017), '***जाणता राजा :शिवछत्रपती*** ,अरुणा प्रकाशन, लातूर
15. डॉ. एस. वि. खांदेवाले आणि प्रा. अमरजा नेरूरकर ***- "अर्थशास्त्रीय मतप्रणालीचा इतिहास".***
16. डॉ. विजय कविमंडन यांचे ***"आर्थिक विचारांचा विकास".***
17. ***बसवेश्वर वचनसंग्रह*** – डॉ. म. म. कलबुर्गी
18. ***समाजसुधारक बसवेश्वर*** – डॉ. ग. प्र. प्रधान
19. डॉ. वी. सी. सिन्हा और डॉ. पुष्पा सिन्हा ***"आर्थिक विचारों का इतिहास"*** एस. बी. पी. दि. पब्लिकेशन.
20. प्रो. ओझा और मनोज ओझा – ***"आर्थिक विचारों का इतिहास"*** साहित्य भवन और एस. बी. पी. दि. पब्लिकेशन.
21. उत्तम आप्पासाहेब पठारे (2015) - ***"अर्थचिंतन: एकोणिसाव्या शतकातील महाराष्ट्रातील आर्थिक विचार"*** सनय प्रकाशन, पुणे.

Swami Ramanand Teerth Marathwada University, Nanded.

Faculty of Humanities

Major in Economics

Under Graduate Third Year Programme,

Semester - VI

Paper Code: HECOCT1353

Title: Economy of Maharashtra –II (Major)

<u>Curriculum Details (for 2 Credits)</u>

Introduction-

The course Economy of Maharashtra–II provides an in-depth understanding of key sectors shaping the state's economic development. It focuses on the growing importance of the service sector and its contribution to Maharashtra's economy. The syllabus also highlights the role of infrastructure such as transport, health and education in supporting development. It examines the cooperative movement, which is a distinctive feature of Maharashtra's rural economy. Additionally, the course analyzes state finance, budgeting and regional economic imbalances. Overall, it equips students with analytical insights into the structural and institutional aspects of Maharashtra's economy.

Course objectives:

1)To provide an understanding of the service sector in Maharashtra, including its meaning, types and contribution to the state economy.

2) To analyse the role of infrastructure in Maharashtra, with special reference to transport and public health systems along with their problems and remedies.

3) To develop knowledge about the co-operative movement in Maharashtra, including its principles, structure and performance.

4) To familiarize students with state finance, focusing on the budget, revenue sources and expenditure of the Government of Maharashtra.

Course outcomes:

Student will be able to

1)Explain the structure and significance of the service sector in Maharashtra's economy.

2)Evaluate the problems and suggest remedies related to infrastructure facilities such as transport and public health.

3) Assess the functioning and impact of the co-operative movement in Maharashtra.

4) Analyse the structure of state finance, including budgetary processes, revenue generation and public expenditure.

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Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester - VI

Paper Code: HECOCT1353

Title: Economy of Maharashtra –II (Major)

Curriculum Details (for 2 Credits)

Module No.	Unit No.	Name of Topic.	Hrs. Required to cover the contents 1 Hrs.=60 M.
1. 0		**Service Sector in Maharashtra**	08
	1.1	Meaning & Types of Service Sector	
	1.2	Contribution of Service Sector in Economy of Maharashtra	
	1.3	Service Industries in Maharashtra- ITES industry – importance and Challenges	
2.0		**Infrastructure in Maharashtra**	08
	2.1	Road Transport- Problems & Remedies	
	2.2	Railway Transport- Problems & Remedies	
	2.3	Public Health- Problems & Remedies	
3.0		**Co-operative Movement in Maharashtra**	08
	3.1	Co-operation-Meaning Principles, Objectives	
	3.2	Structure of Co-operative Credit-Primary, District & State	
	3.3	Evaluation of Co-operative Movement in Maharashtra	
4.0		**State Finance**	06
	4.1	Budget- Meaning & Structure	
	4.2	Revenue sources of Govt. of Maharashtra	
	4.3	Expenditure of Govt. of Maharashtra	
Total			**30**

Suggested Readings:

1) बी.डी इंगळे, ***महाराष्ट्राची अर्थव्यवस्था***, अरुणा प्रकाशन लातूर 2009.

2) मंगला जंगले, ***महाराष्ट्राची अर्थव्यवस्था,*** प्रशांत पब्लिकेशर्स, जळगाव-2008

3) डॉ. राजश्री जाधव, ***महाराष्ट्राची अर्थव्यवस्था***, अरुणा प्रकाशन, लातूर-2011.

4) माधव बिराजदार, ***महाराष्ट्राची अर्थव्यवस्था***, विया बुक्स पब्लिशर्स, औरंगाबाद-2012.

5) डॉ. मुकुंद आर. दातीर, डॉ. सुभाष आर गुर्जर, ***महाराष्ट्राची अर्थव्यवस्था***, अथर्व पब्लिकेशन, धुळे-2021.

6) डॉ. रिठे महादेव, डॉ. कुठे संतोष, ***महाराष्ट्राची अर्थव्यवस्था***, प्रशांत पब्लिकेशन, जळगाव-2017.

7) डॉ. राजपूत करम सिंग, ***महाराष्ट्राची अर्थव्यवस्था***, साई ज्योती पब्लिकेशन नागपुर 2017.

8) डॉ. जगताप दिलीप, पवार सुमित्रा, ***महाराष्ट्राची अर्थव्यवस्था***, अथर्व पब्लिकेशन, जळगाव-2014.

9) डॉ.ए.बी.सवदी., ***द मेगा स्टेट महाराष्ट्र,*** निराली प्रकाशन, पुणे-2019.

10) महाराष्ट्राची आर्थिक पाहणी अहवाल - 2025-26

11) प्रा आर. एस. साळुंके, ***महाराष्ट्राची अर्थव्यवस्था***, कैलास पब्लिकेशन, औरंगपुरा-औरंगाबाद.

12) पटनुरे नानासाहेब आणि देशमुख सी.जे., ***महाराष्ट्राची अर्थव्यवस्था***, प्रभाकर पब्लिकेशन, लातूर,2026

13) Population census of Maharashtra 2011

14) www. maharashtra.gov.in

15) Gaurav Datt and Ashwani Mahajan,"Datt and Sundaram's *Indian Economy*,"
S. Chand Publications,2011

16) Ramesh Singh, *"Indian Economy*," McGraw Hill, 17th Edition, 2025

17) Dr. Mukund Datir, *"Economy of Maharashtra*," Atharva Publication, 18 September, 2021.

18) Himanshu Mehata, *"Maharashtra Economy*," Nirali Prakashan, January, 2018

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities

Under Graduate Third Year Programme, Semester-VI

(Indian Knowledge System)

Paper Code: HECOIK1351

Title: Pioneers of Indian Economic Thought

Curriculum Details (for 2 Credits)

Introduction:

Indian economic thought has a rich tradition rooted in philosophy, ethics and social reform. This course introduces the economic ideas of major Indian thinkers from ancient to modern times, including Charvaka, Jainism, Lord Buddha, Kautilya, Mahatma Basaveshwara, Chatrapati Shivaji Maharaj, Mahatma Phule, Rajarshi Shahu Maharaj, Mahatma Gandhi, Dr. B. R. Ambedkar and Dr. Anna Bhau Sathe. It highlights their views on welfare, social justice, poverty, labour and development, and their relevance to contemporary socio-economic issues in India.

Prerequisites:

Basic understanding of introductory economics.

Objectives:

1. To introduce students to the evolution of Indian economic thought from ancient to modern times.
2. To examine the economic ideas of major Indian thinkers and their relevance to society and development.
3. To understand the relationship between economic ideas, social justice and welfare in Indian philosophy.
4. To develop critical understanding of indigenous economic perspectives on poverty, inequality and development.

Course Outcomes:

After completing the course, students will be able to:

1. Explain the major features of ancient Indian economic philosophy, including Charvaka, Jainism and Lord Buddhist,
2. Describe the economic contributions of Kautilya, Mahatma Basaveshwara, Chatrapati Shivaji Maharaj, Mahatma Phule and Rajarshi Shahu Maharaj.
3. Analyse the economic ideas of Gandhi, Dr. B. R. Ambedkar and Dr. Anna Bhau Sathe.
4. Evaluate the relevance of Indian economic thought for contemporary socio-economic development.

स्वामी रामानंद तीर्थ
मराठवाडा विद्यापीठ, नांदेड

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities

Under Graduate Third Year Programme,

Semester-VI

(Indian Knowledge System)

Paper Code: HECOIK1351

Title: Pioneers of Indian Economic Thought

Curriculum Details (for 2 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required 1 Hrs. = 60 Min.
1.0		**Ancient Indian Economic Philosophy:**	**08**
	1.1	Nature of Indian economic thought.	
	1.2	Economic ideas of Charvaka and Jainism: Materialism & Aparigraha	
	1.3	Economic philosophy of Lord Buddha: Middle Path, Right Livelihood and welfare orientation.	
2.0		**Kautilya and Mahatma Basaveshwara:**	**07**
	2.1	Kautilya's *Arthashastra*: scope and significance.	
	2.2	Kautilya's economic ideas on public finance & agriculture.	
	2.3	Mahatma Basaveshwara's Socio-economic philosophy.	
3.0		**Chatrapati Shivaji Maharaj, Mahatma Phule and Rajarshi Shahu Maharaj**	**08**
	3.1	Chatrapati Shivaji Maharaj: revenue system and trade policy.	
	3.2	Mahatma Phule's views on agriculture & farmers.	
	3.3	Rajarshi Shahu Maharaj's socio-economic reforms.	
4.0		**Modern Indian Economic Thinkers:**	**07**
	4.1	Mahatma Gandhi's economic ideas: self-reliance and village industries	
	4.2	Dr. B. R. Ambedkar's economic ideas: Problem of rupee and state socialism.	
	4.3	Dr. Anna Bhau Sathe's views on poverty and inequality.	
		Total	**30**

Recommended Text books/ Reference:

1. Ishwaran, K. (2019). ***Speaking of Basava***. London and New York: Routledge - Taylor & Francis Group.
2. Jadhav, N. (2015). ***Ambedkar: An Economist Extrordinate***. New Delhi: Konark Publishers Pvt. Ltd.
3. Jhingan, M. L., Girija, M., & Sasikala, L. (2011). ***History of Economic Thought*** (3rd ed.). Delhi: Vrinda Publications (P) LTD.
4. Rao, J. (2021). ***Economist Gandhi***. Gurugram: Penguin Random House India Pvt. Ltd.
5. भावे, ह. अ. (१९८१). ***कौटिलीय अर्थशास्त्र***. पुणे: वरदा प्रकाशन.
6. गोडबोले, अ. (२०२२). ***अर्थात***. पुणे: मधुश्री पब्लिकेशन.
7. कोठारी एस., (२०२०). ***अर्थसुमती***. मराठी अर्थशास्त्र परिषदेचे ४४ वे राष्ट्रीय अधिवेशन. चांदूरबाजार: गो. सी. टोम्पे कला, वाणिज्य व विज्ञान महाविद्यालय, चांदूरबाजार जि. अमरावती.
8. कुंभार, नगोराव. (संपा.) (ऑक्टोबर २०१९ ते जून २०२०). ***महात्मा बसवेश्वर विचारविश्व विशेषांक***. लातूर: विचारशलाका.
9. कुंभार, नगोराव. (संपा.) (एप्रिल २०२१ - मार्च २०२२). जैन तत्वज्ञान ***विशेषांक***. लातूर: विचारशलाका.
10. कुंभार, नगोराव. (संपा.) (एप्रिल २०२३ - मार्च २०२४). ***चार्वाक तत्वज्ञान विशेषांक***. लातूर: विचारशलाका.
11. निकम, अ. र. (२०१६, एप्रिल - मे). ***अर्थसंवाद. अर्थतज्ज्ञ डॉ. बाबासाहेब आंबेडकर विशेषांक***. शहादा: मराठी अर्थशास्त्र परिषद.
12. कविमंडन, विजय (अनु.). (२०२१). डॉ***. बाबासाहेब आंबेडकर: लेखन आणि भाषणे*** – अर्थशास्त्रावरील प्रबंध आणि इतर लेखन (खंड ६). मुंबई: ***डॉ. बाबासाहेब आंबेडकर*** चरित्र-साधने प्रकाशन समिती, उच्च व तंत्र शिक्षण विभाग, महाराष्ट्र शासन.
13. रायखेलकर, ए. आर., आणि दामजी, बी. एन. (२०२२). ***आर्थिक विचारांचा इतिहास*** (३री आवृती). औरंगाबाद: विद्या बूक्स पब्लिशर्स.
14. सूर्यवंशी, द., भुयारे, स. रा., आणि मोरे, अ. (२०१९). ***अण्णा भाऊ साठे*** (१ली आवृती). लातूर: शौर्य पब्लिकेशन्स.
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Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-VI

Paper Code: HECOET1351

Title – Public Finance *(Major Elective)*

Curriculum Details: (for 4 Credits)

Introduction-

Public Finance is a branch of economics that studies the role of government in managing the economy through revenue and expenditure. It focuses on taxation, public spending, budgeting and public debt. The subject explains how government policies influence economic growth and development. It also highlights the importance of fiscal policy in maintaining economic stability. Overall, Public Finance helps in understanding efficient allocation and utilization of public resources.

Course Objectives-

1. To understand the basic concepts, nature and scope of Public Finance.
2. To analyse the sources of public revenue and principles of taxation.
3. To study public expenditure, its causes and its impact on the economy.
4. To examine public debt, its types and its effects on economic development.
5. To understand budgeting processes and the role of fiscal policy in economic stability.

Course Outcomes-

1. Students will be able to explain key concepts and components of Public Finance.
2. Students will gain knowledge of taxation systems and their economic implications.
3. Students will analyse government expenditure and its role in development.
4. Students will evaluate public debt and its burden on the economy.
5. Students will understand budgetary policies and fiscal measures for economic management.

Swami Ramanand Teerth Marathwada University, Nanded

Faculty of Humanities,

Major Elective in Economics,

Under Graduate Third Year Programme,

Semester-VI

Paper Code: HECOET1351

Title – Public Finance *(Major Elective)*

Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60M.
1.0		**Introduction of Public Finance**	
	1.1	Public Finance- Meaning, Nature and Scope	**15**
	1.2	Importance of Public Finance	
	1.3	The Role of Government in Economic Development	
	1.4	Fiscal Policy- Meaning & Instruments	
2.0		**Public Revenue**	
	2.1	Public Revenue- Meaning & Sources	
	2.2	Taxation- Meaning & Canons of Taxation	**15**
	2.3	Types of Tax- Direct and Indirect (Merits and Demerits) GST	
	2.4	Tax Evasion and Black Money	
3.0		**Public Expenditure and Debt**	
	3.1	Public Expenditure- Meaning and Principles	
	3.2	Causes of increasing Public Expenditure	**15**
	3.3	Public Debt- Meaning & Types	
	3.4	Burden and Effects of Public Debt	
4.0		**Budget**	
	4.1	Budget- Meaning & objectives	
	4.2	Types of Budget (Balanced, Surplus, Deficit, Gender, Zero Base Etc.)	**15**
	4.3	Overview of Previous Year Budget	
	4.4	Deficit Finance- Meaning & Effects of Deficit Financing	
		Total	**60**

Reference Books-

1. Buchanan J.M. (1970), ***The Public Finance,*** Richard D. Irwan, Homewood.
2. Atkinson A.B. and J.E. Silitz (1980), ***Lectures on Public Economics***, Tata MacGraw Hill, New Delhi.
3. Singh S.K. (1986) ***Public Finance in Developed and Developing Countries***, S.Chandand Company Ltd. New Delhi.
4. Richard A. Musgrave (1989), ***Public Finance in theory and practice,*** MacGraw Hill Book Company, New York.
5. Jha H. (1998), ***Modern Public Economics***, Routledge, London.
6. Mithani D.M. (1997) ***Money, Banking, International Trade and Public Finance*** (10th Edition), Himalaya Publishing House, Mumbai
7. Misra&Puri (2012), ***Indian Econony*** (30th Edition) Himalaya Publishing House, Mumbai.
8. Dr. Tyagi B.P., ***Public Finance***, Jai Prakash Nath Pub. Meerat (UP)
9. Mithani D.M., '***Principles of Public Finance and Fiscal Policy'***, Himalaya Publishing House, New Delhi.
10. Ashuthosh Raravikar, ***Fiscal Deficit and Inflation in India***, Macmillan India Ltd, New Delhi.
11. Singh S.k., ***Public Finance in Theory & Practise,*** S.Chand and Sons Company Ltd; New Delhi.
12. Bhatia H.L. ***Public finance***. Vikas Publishilg House Pvt.Ltd,Delhi.
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15. डॉ.एम.एल.झिंगन, (2007), ***'समष्टी अर्थशास्त्र'***,वृंदा पब्लिकेशन प्रा.लि. दिल्ली.
16. मुलाणी एम.यु.(2010), '***सार्वजनिक आयव्यय'***, के.एस. पब्लिकेशन, पुणे.
17. रसाळ राजेंद्र, (2010), '***सार्वजनिक आयव्यय'***, सक्सेस पब्लिकेशन, पुणे.
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21. ढमढेरे एस.व्ही.,(2019), '***सार्वजनिक आयव्यय'***, डायमंड पब्लिकेशन, पुणे.

Swami Ramanand Teerth Marathwada University, Nanded.
Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester - VI
Paper Code: HECOET1352
Title : Quantitative Techniques for Economic Analysis - II (Major Elective)
Curriculum Details: (for 4 Credits)

Introduction:

Quantitative Techniques for Economic Analysis – II extends the foundational knowledge of quantitative methods by introducing matrix algebra, differential calculus, optimization techniques and game theory. The course focuses on the application of these mathematical tools in analyzing economic relationships, solving optimization problems and understanding strategic decision-making. It aims to equip students with analytical skills necessary for interpreting economic models and real-world economic issues.

Prerequisites: Basic knowledge of Quantitative Techniques, elementary mathematics, and fundamental algebra.

Course Objectives:

1. To introduce the concepts of matrix algebra and its applications in economic analysis.
2. To develop understanding of differential calculus and its applications, including elasticity and marginal concepts.
3. To explain optimization techniques such as maximization and minimization with economic applications.
4. To familiarize students with the basic principles of game theory and its role in economic decision-making.

Course Outcomes:

1. Students will be able to understand and apply matrix operations and their use in economic analysis.
2. Students will develop the ability to apply differential calculus to solve economic problems, including elasticity and marginal analysis.
3. Students will be able to apply optimization techniques for profit maximization and cost minimization.
4. Students will understand strategic behavior and decision-making using basic game theory concepts.

Swami Ramanand Teerth Marathwada University, Nanded.
Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester - VI
Paper Code: HECOET1352
Title : Quantitative Techniques for Economic Analysis - II (Major Elective)
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs.
1.0		**Regression Analysis**	**15**
	1.1	Regression – Meaning and importance in Economics	
	1.2	Regression lines and regression equations	
	1.3	Properties of regression coefficients	
	1.4	Relationship between correlation and regression	
2.0		**Time Series Analysis**	**15**
	2.1	Time Series – Meaning and components	
	2.2	Trend analysis – Moving averages method	
	2.3	Trend analysis – Least squares method	
	2.4	Uses of time series analysis in Economics	
3.0		**Metrics Analysis**	**15**
	3.1	Introduction to matrices – Meaning and types	
	3.2	Matrix operations – Addition, subtraction and multiplication	
	3.3	Determinants and inverse of a matrix	
	3.4	Applications of matrices in economic analysis	
4.0		**Game theory**	**15**
	4.1	Game theory – Meaning and importance	
	4.2	Types of games – Two-person zero sum game	
	4.3	Pure and mixed strategies	
	4.4	Applications of game theory in economic decision making	
Total			**60**

Recommended Text books/ Reference:

1. Aggarwal, S. C., Rana, R. K., & Gupta, L. (2025). ***Mathematics for economists: Quantitative methods of economists*.** VK Global Publications.
2. Bose, D. (2000). ***An introduction to mathematical economics*** (Millennium ed.). Himalaya Publishing House.
3. Chadha, A. (2020). ***Game theory for managers: Doing business in a strategic world*** (2nd ed.). PHI Learning Private Limited.
4. Dowling, E. T. (2011). ***Schaum's outline of introduction to mathematical economics*** (3rd ed.). McGraw-Hill Education.
5. Joshi, R. C., & Nancy. (2024). ***Introductory Quantitative Techniques for Economic Analysis*** . Vishal Publishing Co.
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7. Kothari, C. R. (2010). ***Quantitative techniques*** (3rd rev. ed.). Vikas Publishing House.
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Swami Ramanand Teerth Marathwada University, Nanded.
Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester - VI
Paper Code: HECOET1353
Title : Economics of Growth and Development- II (Major Elective)

Curriculum Details: (for 4 Credits)

Course Outline:

This course teaches the students the basics of development economics, with in-depth discussions of the concepts of development, growth, poverty, inequality as well as the underlying political institutions in India. It also introduces them to some issues of development .The two-part course introduce students to the academic approaches that deals with the problems of developing countries. To that end, the syllabus presents some of the major economic ideas in development thinking and builds on and extends the microeconomic and macroeconomic tools, additionally incorporating alternative perspectives of development.

Course Objective:

1. To introduce students to the basic concept of economic growth and economic development and the difference between them.
2.To study the classical and modern theories of economic growth given by economists
3.To analyse the factors affecting economic development such as capital formation, technology, human resources and natural resources.
4.To understand the problems of developing countries, especially poverty, unemployment and income inequality.
5.To examine the role of government and development policies in promoting economic growth and development.

Course **Outcomes:**

1. Students understand how a country's economy grows and develops.
2.Knowledge of development problems
3.Helps to understand problems like poverty, unemployment and inequality. Policy understanding.
4.Provides knowledge about government policies for economic development.
5.Helps in understanding how resources can be used effectively for development.
6.Teaches the importance of balancing economic growth and development .

Swami Ramanand Teerth Marathwada University, Nanded.
Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester - VI
Paper Code: HECOET1353
Title : Economics of Growth and Development- II (Major Elective)
Curriculum Details: (for 4 Credits)

Module No.	Unit No.	Name of Topic	Hrs. Required to cover the contents 1 Hrs.=60M.
1.0		**Neo-classical growth models**	**15**
	1.1	Solow's growth model	
	1.2	Meade's growth model	
	1.3	Mrs. Joan Robinson's growth model	
	1.4	Harrods- Domar's growth model	
2.0		**Sectoral Aspects of Development**	**15**
	2.1	Role of agriculture in economic development;	
	2.2	Rationale and pattern of industrialization in developing countries	
	2.3	Efficiency of small-scale Vs large scale production;	
	2.4	Infrastructure and its importance	
3.0		**Trade and Economic Development**	**15**
	3.1	International trade as engine of growth; Gains from trade	
	3.2	Prebish-Singer and Myrdal thesis Vs free trade;	
	3.3	Export-led growth;	
	3.4	WTO and developing countries.	
4.0		**Macroeconomic Policies, Planning and Development**	**15**
	4.1	Role of fiscal policies in developing countries	
	4.2	External resources – FDI, Technology inflow	
	4.3	IMF and World Bank policies for developing countries.	
	4.4	NITI Aayog: objectives and Functions.	
		Total	**60**

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1. Joseph A. Schumpeter. (1934). ***The theory of economic development***. Harvard University Press. Cambridge
2. W. Arthur Lewis. (1954). ***Economic development with unlimited supplies of labour***. **The Manchester School,** 22(2), 139–191.
3. Benjamin Higgins. (1953). ***Economic development***. NY: W. W. Norton. New York.
4. Walt W. Rostow. (1962). ***The stages of economic growth: A non-communist manifesto***. Cambridge University Press. London:
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6. Ragnar Nurkse. (1973). ***Problems of capital formation in underdeveloped countries***. Oxford University Press. Delhi:
7. M. L. Jhingan. (2014). ***The economics of development and planning***. Vikash Publications, New Delhi.
8. S. K. Misra., & V. K. Puri. (2023). ***Economics of development and planning*** (19th ed.). Himalaya Publishing House. New Delhi
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12. Barro, R. J., & Sala-i-Martin, X. (2004). ***Economic growth*** (2nd ed.). MIT Press.
13. अग्रवाल, ए. एन. (2018). ***आर्थिक विकास एवं योजना.*** ,विकाश पब्लिशिंग हाउस. नई दिल्ली.
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15. सिंह, एस. पी. (2016). ***आर्थिक विकास के सिद्धांत.*** लक्ष्मी नारायण अग्रवाल. नई दिल्ली.
16. देशमुख, एस. बी. (2019). ***आर्थिक विकासाचे सिद्धांत.*** हिमालय पब्लिशिंग हाउस. मुंबई.
17. देशपांडे ज्योत्स्ना. (2011). ***विकासाचे अर्थशास्त्र.*** पिंपळापुरे अँड कं. पब्लिशर्स, नागपूर
18. पुरोहित-खांदेवाले वसुधा. (2026). ***विकासाचे अर्थशास्त्र.*** विद्या बुक्स पब्लिशर्स, छत्रपती संभाजीनगर
19. पाटील जे. एफ. (संपा.). (2007). ***वृद्धी व विकासाचे अर्थशास्त्र.*** फडके प्रकाशन, कोल्हापूर.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

Major in Economics-*Vocational & Skill Enhancement Course*
Under Graduate Third Year Programme,

Semester VI

Paper Code : HECOVC1351

Title: Economics of Service Sector

Curriculum Details for (Credits: 2)

Introduction-

The tertiary sector (Service Sector) of the Indian economy is the largest contributor to our GDP. This service sector drives modern economies by providing intangible services such as banking, healthcare, education, IT and ITES, tourism rather than manufacturing goods. As dominant sector it is also a major source of foreign currency accumulation and employment generation. The prominence of service sector in economic development take into consideration all the aspects of the sector need to study well in detail.

Course Objective:

1. To study the meaning, role, growth and performance of service sector in India.
2. To study the social infrastructure and their status i.e. health & education.
3. To study about tourism industry and its role in Indian economy.
4. To study about insurance sector and its functions.

Course Outcome:

After completion of this course:

1. Students will able to get basic overall knowledge about service sector and their current status in economy.

2.Students will have knowledge and understanding of the health, education sector and their importance in our economy.

3.Students will able to know significance and impact of tourism industry on economic development.

4.Students will able to understand the importance, scope and functions of the insurance sector in Indian economy.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities

Major in Economics-Vocational & Skill Enhancement Course

Under Graduate Third Year Programme,

Semester VI

Paper Code : HECOVC1351

Title: Economics of Service Sector

Curriculum Details for (Credits: 2)

Module No.	Unit No.	Name of Topic	Hrs. Required to Cover Contents 1Hrs. = 60 Min.
Unit 1		**Service Sector in India**	
	1.1	Meaning and Role of Service Sector in Indian Economy	06
	1.2	Performance of Service Sector in India	
	1.3	Core Services: IT and ITES Services.	
Unit 2		**Economics of Infrastructure (**Health and Education)	
	2.1	Health sector – Performance & Issues.	08
	2.2	Education sector – Performance & Issues.	
	2.3	Role of Health and Education in Human Development.	
Unit 3		**Tourism Industry**	
	3.1	Definitions and Objectives of Tourism in India	**08**
	3.2	Types of Tourism- Highlighting Medical Tourism in India	
	3.3	Impact of tourism on Economic Development.	
Unit 4		**Insurance Sector**	
	4.1	Meaning and Importance of Insurance	**08**
	4.2	Types and Functions of Insurance	
	4.3	General Insurance, Motor Insurance & Home Insurance.	
		Total=	30

SKILL DEVELOPMENT ACTIVITIES:

(prepare submit any five following Skill Activities for assessment)

1) Analyse the functioning of the health care system and the determinants of health and use of health services.

2) Draft the relationship in between health & education outcomes with macroeconomic performance.

3) State the role of Health sector in economic development and human development.

4) Conduct a survey and collect data regarding the health system, health outcomes, health program costing, cost benefit analysis.

5) Conduct a survey and collect data regarding the Education and investment in human capital, rate of return to education, quality of education, cost benefit analysis.

6) conduct a survey and find out the relationship between Economics of health, insurance and manpower planning.

7)To Study the Impact of social media on Consumer Behaviour: In the age of social networks, analysing social media's impact on consumer behaviour is a pressing topic. Through platforms like Instagram, Twitter, Reels and TikTok shape purchasing decisions and the effectiveness of product endorsements, sponsored content and user reviews in driving consumer behaviour.

8) Conduct study on the economic benefits of education on individual and societal levels. Collect and analyse data to understand the correlation between educational attainment and income, employment rates, financial aid and overall economic development.

9) Conduct study on Local Service Economy Audit: Students can map businesses in their local area, categorizing them into services (retail, hotels, banking and healthcare) vs. goods producers.

10) Conduct Gig Economy Case Study: For any chosen platform, students should analyse (beauticians, electricians, cleaners, Ola, Uber, Swiggy, Zomato, pet care traditional jobs) and produce a report on its impact on traditional labour markets and service efficiency.

11) Mock Service Start-Up: Students create a business plan for a new service-based business (e.g., Agro tourism centre, pet sitting, virtual assistant). They must determine pricing, target consumers and marketing strategy.

12) Creative marketing Activity: Students choose a "hard-to-sell" service (e.g., insurance) and design a marketing campaign that makes it tangible (using testimonials, branding, guarantees).

13) visit nearby any tourist places or Agro tourism centre collect data services provided there, employment generation and prepare detailed report

References:

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2) Pachauri, R.K., Ed., 1989, ***Energy Policy for India***, Macmillan Co. of India, Delhi.
3) William, Jack, 1999., ***Principles of Health Economics for Developing Countries***, World 24 Bank Institute Development Studies.
4) World Development Report, ***Investing in Health***, The World Bank, 1993.
5) Batra G.S. and R.C. Dangwal (Ed) (2001) ***Tourism Promotion and Development: New Advances***, Deep and Deep Publications, New Delhi.
6) Bhatia, A.K. (2002) ***Tourism Development: Principles and Practices,*** Sterling Publishers Pvt. Ltd. New Delhi.
7) Gill, Pushpinder (2005) ***Perspectives on Indian Tourism***, Anmol Publications, New Delhi.
8) Government of India (2015) ***Annual Reports*** - Ministry of Tourism, New Delhi.
9) Hargovind Dayal (2017), ***The Fundamentals of Insurance***: ***Theories, Principles and Practices,*** Notion Press Publication, Chennai.
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11) बोधनकर, सुधीर (2023) ***सेवा क्षेत्र व्यवस्थापन***, श्री साई प्रकाशन, नागपूर.
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13) डॉ. उगले सुनील, डॉ. गायकवाड अमोल, डॉ. आहेर मनीषा (2024), ***पर्यटन अर्थशास्त्र***, निराली प्रकाशन, पुणे.
14) डॉ. मुठ्ठे पी. आर. (2026), ***सेवा क्षेत्र*** (घटक -5), ***भारतीय अर्थव्यवस्था*** (संपा.), दूर शिक्षण संचालनालय, स्वा. रा. ती. म. वी. नांदेड.
15) तवार, ए. टी., आणि बेलुरे, व्ही. सी. (2010). ***जागतिक व्यापार संघटनेचे भारतीय सेवा क्षेत्रावरील परिणाम.*** अर्थसंवाद, 34(2), 169–171.

SWAMI RAMANAND TEERTH MARATHWADA UNIVERSITY, NANDED

Faculty of Humanities
Major in Economics
Under Graduate Third Year Programme,
Semester VI
Paper Code: HECOOJ1351
Title : On Job Training (OJT)
Curriculum Details (For 4 credit)

Introduction:

The National Educational Policy (NEP-2020) offers the learners to get work experience in the domain of their undergraduate and postgraduate studies. The course named On Job Training (OJT) offers this opportunity for undergraduate students in their sixth semester for four credits. The most important element of this OJT is to integrate the classroom knowledge and the theory with practical application and skills. The document of NEP-2020 and The National Credit Framework (NCrF) provides underscores the significance of experiential learning. For the students of Economics completing the undergraduate studies, following objectives and outcomes are defined based on the indicative guidelines prepared by SRTM University through a circular dated 05/08/2024.

Objectives of the On Job Training (OJT)

1. To relate the knowledge of economics and conceptual understanding gained in the classroom to the job-related actual environment.
2. To bridge the gap between learning from syllabus and the actual agricultural, Industrial and service sector working in the economy.
3. To provide opportunities to acquire and refine analytical and managerial skills crucial for a professional career in economics domain.
4. To offer a hands-on experience in team work there by enhancing professional skills like communication, work ethics, conflict resolution etc. with a lasting impact on lifelong learning and professional development.
5. To provide an understanding to students about specific trade and the various practices and protocols within the chosen industry.
6. To establish links between students and potential future job or research opportunities.

OJT outcomes

After the completion of the OJT programme the student shall be able to:

1. Apply concepts learned in classrooms to real-world work environments, enhancing their understanding and skills.
2. Show insights into the challenges, opportunities, and culture of different workplaces, preparing them for future employment.
3. Navigate through various learning modalities effectively through exposure to hybrid learning models.

4. How evidence of research aptitude and skills of critical thinking, analytical skills and ethical research conduct in the conduct, and communication of their work.
5. Use and appreciate the use of emerging technologies and the reapplications, enhancing their technological literacy and adaptability.
6. Display problem-solving abilities in making informed decisions in complex scenarios through practical situations.
7. Work in teams and collaborate to achieve common goals in diverse work environments through collaborative projects.
8. Give examples and cite ways of contributing to the field of work in a manner that displays social responsibility and sustainability.
9. Display integrity in the dealings with their work and the people that they interact with by upholding professional, principles and ethical standards.

Indicative list of areas for OJT:

Government Offices like

District Planning Committee (DPC) Office

District Statistical Office (DSO)

Agricultural Price and Marketing Committee (APMC)

District Industries Centre (DIC)

Water Resource Development Department (WRD)

Maharashtra Industrial Development Corporation (MIDC) Etc.

Insurance Companies like

Life Insurance Corporation (LIC)

Kotak Mahindra

STAR Health

Any other registered insurance company.

Registered Banking and Non-Banking Functionaries like

SBI

Union Bank

Private Banks

Cash Delivery Centers

Bajaj Finance, Muthoot Finance

Any other registered Bank and NBFC

Other Registered Service Industry/Sector

Travel, Transport and Tourism & Hospitality company /agency

Investment Consulting Centre

Tax Consultants and CA offices

Any such registered sector

Industries and Trade

Trade related business units

Manufacturing industry

Agro processing Industry like Sugar, Dal and Oil Mills

Registered Village and Cottage Businesses and Units

Big Retail Outlets, Entertainment and Food Industry/ Businesses like

Fast Moving Consumer Goods & Retail

PVR

E-Square

Big Bazar

D-Mart

Reliance Outlet

Food Courts and Hotels

any such registered unit

Important Note:

- The above list is only indicative the concerned teacher (supervisor) should add any such registered unit for OJT study of student. In the line with the OJT guideline circular of SRTMUN dated 05/08/2024
- The formats given in the OJT guideline circular of SRTMUN dated 05/08/2024 should be used for correspondence and record keeping.
- The evaluation method given in the OJT circular should be followed for internal and external assessment.

University Circular Link-
https://srtmun.ac.in/wp-content/uploads/2025/03/OnJobTrainingCircular.pdf