

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)

(Deemed to be University)

VISAKHAPATNAM * HYDERABAD * BENGALURU

Accredited by NAAC with A⁺⁺ Grade

GITAM School of Humanities and Social Sciences



CURRICULUM AND SYLLABUS

4 Year Undergraduate Programme

UECON03: B.A. Economics

w.e.f. 2024-25 admitted batch

(Updated on July 2024)

Academic Regulations

**Applicable for the Undergraduate Programmes in the
Schools of Business(except B.Com), Humanities & Social Sciences
and Science (except B.Sc.(CSCS), B.Optomety, B.C.A)**

<https://www.gitam.edu/academics/academic-regulations>

GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

Vision

GITAM will be an exceptional knowledge-driven institution advancing on a culture of honesty and compassion to make a difference to the world.

Mission

- Build a dynamic application-oriented education ecosystem immersed in holistic development.
- Nurture valuable futures with global perspectives for our students by helping them find their ikigai.
- Drive impactful integrated research programmes to generate new knowledge, guided by integrity, collaboration, and entrepreneurial spirit.
- Permeate a culture of kindness within GITAM, fostering passionate contributors.

Quality Policy

To achieve global standards and excellence in teaching, research, and consultancy by creating an environment in which the faculty and students share a passion for creating, sharing and applying knowledge to continuously improve the quality of education.

GITAM School of Humanities and Social Sciences

Vision

To become a global leader in liberal arts education with value orientation

Mission

1. To impart education with socio-cultural values
2. To nurture the ideas of equity, equality, and democracy
3. To inculcate the notions of human and economic development with a focus on sustainability and health
4. To develop the concepts of peaceful co-existence among diverse peoples and species
5. To inculcate respect for interdisciplinarity and trans-disciplinarity in education and at work
6. To develop the ethic of thinking globally and acting locally

VISION AND MISSION OF THE DEPARTMENT

VISION

MISSION

UECON03: B.A. Economics
(w.e.f.2023-24 Admitted Batch)

Programme Educational Objectives (PEOs)

- PEO 1:** To build competence among students from a holistic perspective by providing necessary theoretical background in Economics
- PEO 2:** To acquaint students with the current economic issues at national and international level and to apply the theoretical knowledge to provide solutions
- PEO 3:** Show the communication skills to utilize the exiting opportunities
- PEO 4:** Develop the skills to participate in academic events such as conferences/ workshops
- PEO 5:** Develop the skills to cope up with different challenges and show the team spirit at the workplace
- PEO 6:** Ability to develop leadership and entrepreneurial qualities
- PEO 7:** To provide research orientation to the students in the form of project work / dissertation in which they will collect real time data and apply the econometric techniques to do analysis with software packages
- PEO 8:** To prepare students to meet the requirements of employment across various industries such as banking, services etc.

PEO Articulation

	PEO1	PEO2	PEO3	PEO4	PEO5	PEO6	PEO7	PEO8
M1	1	1	1	1	3	3	1	2
M2	1	1	1	1	2	3	1	1
M3	3	3	1	1	1	2	1	1
M4	1	1	1	2	3	3	1	1
M5	2	3	2	2	2	2	3	1
M6	1	2	1	1	2	2	1	1

3 - High Correlation, 2 - Medium Correlation, 1 - Low Correlation

UECON03: B.A. Economics

Programme Outcomes (POs) and Programme Specific Outcomes (PSOs)

At the end of the Programme the students would be able to demonstrate:

- PO1:** Complex problem-solving:
- To solve different kinds of problems in familiar and non-familiar contexts and apply the learning to real-life situations.
- PO2:** Critical thinking:
- Apply analytic thought to a body of knowledge, including the analysis and evaluation of policies, and practices, as well as evidence, arguments, claims, beliefs, and the reliability and relevance of evidence.
 - Identify relevant assumptions or implications and formulate coherent arguments.
 - Identify logical flaws and holes in the arguments of others.
 - Analyze and synthesize data from a variety of sources and draw valid conclusions and support them with evidence and examples.
- PO3:** Creativity:
- Create, perform, or think in different and diverse ways about the same objects or scenarios.
 - Deal with problems and situations that do not have simple solutions.
 - Innovate and perform tasks in a better manner.
 - View a problem or a situation from multiple perspectives.
 - Think 'out of the box' and generate solutions to complex problems in unfamiliar contexts.
 - Adopt innovative, imaginative, lateral thinking, interpersonal skills and emotional intelligence.
- PO4:** Communication Skills:
- Listen carefully, read texts and research papers analytically and present complex information in a clear and concise manner to different groups / audiences.
 - Express thoughts and ideas effectively in writing and orally and communicate with others using appropriate media.
 - Confidently share views and express herself / himself.
 - Construct logical arguments using correct technical language related to a field of learning, work/vocation, or an area of professional practice, and convey ideas, thoughts, and arguments using language that is respectful and sensitive to gender and other minority groups.
- PO5:** Analytical reasoning/thinking:
- Evaluate the reliability and relevance of evidence.
 - Identify logical flaws in the arguments of others.
 - Analyze and synthesize data from a variety of sources-draw valid conclusions and support them with evidence and examples and address opposing viewpoints.
- PO6:** Research-related skills:
- A keen sense of observation, inquiry, and capability for asking relevant/ appropriate questions.
 - The ability to problematize, synthesize, and articulate issues and design research proposals.
 - The ability to define problems, formulate appropriate and relevant research questions, formulate hypotheses, test hypotheses using quantitative and qualitative data, establish hypotheses, make inferences based on the analysis and interpretation of data, and predict cause-and-effect relationships.

- The capacity to develop appropriate methodology and tools for data collection.
 - The appropriate use of statistical and other analytical tools and techniques.
 - The ability to plan, execute and report the results of an experiment or investigation, the ability to acquire the understanding of basic research ethics and skills in practicing/doing ethics in the field/ in personal research work, regardless of the funding authority or field of study.
- PO7:** Coordinating/collaborating with others:
- Work effectively and respectfully with diverse teams.
 - Facilitate cooperative or coordinated effort on the part of a group.
 - Act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
- PO8:** Leadership readiness/qualities:
- Mapping out the tasks of a team or an organization and setting direction.
 - Formulating an inspiring vision and building a team that can help achieve the vision, motivating and inspiring team members to engage with that vision.
 - Using management skills to guide people to the right destination.
- PO9:** Learning how to learn skills:
- Acquire new knowledge and skills, including 'learning how to learn skills, that are necessary for pursuing learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social, and cultural objectives, and adapting to changing trades and demands of the workplace, including adapting to the changes in work processes in the context of the fourth industrial revolution, through knowledge / skill development / re-skilling.
 - Work independently; identify appropriate resources required for further learning.
 - Acquire organizational skills and time management to set self-defined goals and targets with timelines.
 - Inculcate a healthy attitude to be a lifelong learner.
- PO10:** Digital and technological skills:
- Use ICT in a variety of learning and work situations.
 - Access, evaluate, and use a variety of relevant information sources, and use appropriate software for analysis of data.
- PO11:** Multicultural competence and inclusive spirit:
- The acquisition of knowledge of the values and beliefs of multiple cultures and a global perspective to honour diversity.
 - Capability to effectively engage in a multicultural group/society and interact respectfully with diverse groups.
 - Capability to lead a diverse team to accomplish common group tasks and goals.
 - Gender sensitivity and adopting a gender-neutral approach, as also empathy for the less advantaged and the differently abled including those with learning disabilities.
- PO12:** Value inculcation:
- Embrace and practice constitutional, humanistic, ethical, and moral values in life, including universal human values of truth, righteous conduct, peace, love, non-violence, scientific temper, citizenship values.
 - Practice responsible global citizenship required for responding to contemporary global challenges, enabling learners to become aware of and understand global issues and to become active promoters of more peaceful, tolerant, inclusive, secure, and sustainable societies.
 - Formulate a position/argument about an ethical issue from multiple perspectives.
 - Identify ethical issues related to work, and follow ethical practices, including avoiding unethical behavior such as fabrication, falsification, or misrepresentation of data, or committing plagiarism, and adhering to intellectual property rights.
 - Recognize environmental and sustainability issues and participate in actions to promote sustainable development.
 - Adopt an objective, unbiased, and truthful actions in all aspects of work.
 - Instill integrity and identify ethical issues related to work and follow ethical practices.

- PO13:** Autonomy, responsibility, and accountability:
- Apply knowledge, understanding, and/or skills with an appropriate degree of independence relevant to the level of the qualification.
 - Work independently, identify appropriate resources required for a project, and manage a project through to completion.
 - Exercise responsibility and demonstrate accountability in applying knowledge and/or skills in work and/or learning contexts appropriate for the level of the qualification, including ensuring safety and security at workplaces.
- PO14:** Environmental awareness and action:
- Ability to apply the knowledge, skills, attitudes, and values required to take appropriate actions for.
 - Mitigating the effects of environmental degradation, climate change, and pollution.
 - Effective waste management, conservation of biological diversity, management of biological resources and biodiversity, forest and wildlife conservation, and sustainable development and living.
- PO15:** Community engagement and service:
- To participate in community-engaged services/ activities for promoting the wellbeing of society.
- PO16:** Empathy:
- To identify with or understand the perspective, experiences, or points of view of another individual or group, and to identify and understand other people's emotions.
- PSO1:** Application of conceptual knowledge of economic theories and ideas for the current economic situations
- PSO2:** Demonstrate research orientation through projects or dissertations to optimally use technical skills
- PSO3:** Critically evaluate the government economic policies to suggest optimal solutions with convincing arguments
- PSO4:** Portray the decision-making skills for the problems at household and organizational levels

Curriculum Structure
(Flexible Credit System)

Minimum Credit Requirements to Award Degree Under Each Category

S.No.	Course Category and Category Code		Minimum Credit Requirement					
			3 Year Undergraduate		4 Year Undergraduate (Hons.)		4 Year Undergraduate (Hons.) with Research	
			Credits	(%)	Credits	(%)	Credits	(%)
1	Multidisciplinary Core Courses	MDC	12	10	12	7.5	12	7.5
2	Major Core	MC	44	36.60	76	47.50	64	40
3	Major Electives	ME	16	13.40	16	10	16	10
4	Minor	MI	24	20	32	20	32	20
5	Internship	INT	04	3.40	04	2.50	04	2.50
6	Ability Enhancement Courses – University Core	UC	08	6.60	08	05	08	05
7	Skill Enhancement Courses – University Core	UC	08	6.60	08	05	08	05
8	Value Added Courses – University Core	UC	04	3.40	04	2.50	04	2.50
9	Research Project / Dissertation	PROJ	--	00	--	00	12	7.50
Total			120	100	160	100	160	100

Multi-disciplinary Core Courses (MDC): 12 credits

Course Code	Level	Course Title	L	T	P	S	J	C
Basket - Business (Minimum 4 credits)								
HRMG1012	100	Principles of Management	2	0	0	0	0	2
IENT1061	100	Introduction to Business Environment	2	0	0	0	0	2
INFS1011	100	Technology and Business	2	0	0	0	0	2
STGM1011	100	Introduction to Business Organization	2	0	0	0	0	2
Basket - Humanities and Social Sciences (Minimum 4 Credits)								
SOCY1071	100	Introduction to the Humanities	2	0	0	0	0	2
SOCY1081	100	Foundations of Social Sciences	2	0	0	0	0	2
MSTU1081	100	Media and Communication (Offered in Hyderabad Campus alone)	2	0	0	0	0	2
FPEA1221	100	Performing Arts in Indian Cinema	2	0	0	0	0	2
LANG1261	100	The Art of Storytelling	2	0	0	0	0	2
Basket - Science (Minimum 4 Credits)								
PHYS1371	100	Introduction to Astronomy and Astrophysics	2	0	0	0	0	2
LFSC1001	100	Essentials of Life Processes	2	0	0	0	0	2
LFSC1011	100	Fundamentals of Natural and Chemical Sciences	2	0	0	0	0	2
MATH1371	100	Conceptual Mathematics	2	0	0	0	0	2
CSCI1341	100	Fundamentals of Computer Science	2	0	0	0	0	2
Total Credits							12	

Major Core (MC): 44 credits

Course Code	Level	Course Title	L	T	P	S	J	C
ECON1031	100	Economics: Basic Concepts and Principles	3	0	0	0	0	3
ECON1041	100	Theories of Income, Output and Employment	3	0	0	0	0	3
ECON1051	200	Fundamentals of Microeconomics	3	0	0	0	0	3
ECON2041	200	International Trade and Payments	3	0	0	0	0	3
ECON2051	200	Public Economics	3	0	0	0	0	3
ECON2061	200	History of Economic Doctrines	3	0	0	0	0	3
ECON2071	200	Advanced Microeconomics	4	0	0	0	0	4
ECON2081	200	Mathematical Methods in Economics	4	0	0	0	0	4
ECON2091	200	Statistical Methods in Economics	3	0	2	0	0	4
ECON3002	300	Basic Econometrics	3	0	2	0	0	4
ECON3131	300	Development Economics	3	0	0	0	0	3
ECON3141	300	Issues in Indian Economy	3	0	0	0	0	3
ECON3151	300	Optimization in Economics	3	0	2	0	0	4
Total Credits			44					

Major Electives (ME): 16 credits

Minimum number of credits to be earned: 16.

Course Code	Level	Course Title	L	T	P	S	J	C
ECON3072	300	Monetary Economics	4	0	0	0	0	4
ECON3161	300	Paradigms in Economics	4	0	0	0	0	4
ECON3171	300	Law and Economics	4	0	0	0	0	4
ECON3181	300	Financial Markets, Instruments, and Institutions	4	0	0	0	0	4
ECON3191	300	Budgeting Process and Financial Management of Government	4	0	0	0	0	4
ECON3201	300	Economics of Health and Healthcare	4	0	0	0	0	4
ECON3211	300	Open Economy Macro Economics	4	0	0	0	0	4
ECON3221	300	New Institutional Economics	4	0	0	0	0	4
ECON3231	300	Economics of Social Issues	4	0	0	0	0	4
ECON3241	300	Environmental and Resource Economics	4	0	0	0	0	4
ECON3251	300	Behavioral Economics	4	0	0	0	0	4
ECON3261	300	Economics of Information and Time	4	0	0	0	0	4

Internship (INT): 4 credits

Course code	Level	Course Title	L	T	P	S	J	C
INTN3444	300	Internship	0	0	0	0	8	4

University Core (UC): 20 credits

Course code	Level	Course Title	L	T	P	S	J	C
Ability Enhancement Courses								
LANG1042	100	Academic Writing	2	0	0	0	0	2
LANG1201	100	Critical Thinking	2	0	0	0	0	2
IENT1051	100	Fundamentals of Entrepreneurship	2	0	0	0	0	2
LANG1241	100	Communicative English - I	0	0	4	0	0	2
LANG1251	100	Communicative English - II	0	0	4	0	0	2
Skill Enhancement Courses								
CSCI1302	100	Introduction to Programming	0	0	4	0	0	2
CSCI1312	100	Introduction to Data Science	0	0	4	0	0	2
CLAD1041	100	Art of Persuasive Communication	0	0	2	0	0	1
CLAD1051	100	Competence in Communication	0	0	2	0	0	1
CLAD1061	100	Life Skills	0	0	2	0	0	1
CLADXXXX	100	Soft Skills - 4	0	0	2	0	0	1
Value Added Courses								
ENVS1003	100	Environmental Studies	3	0	0	0	0	3
POLS1051	100	The Indian Constitution *	1	0	0	0	0	1
Pass / Fail Courses (Mandatory)								
FINA1081	100	Personal Financial Planning *	1	0	0	0	0	1
PHPY1011	100	Gandhi and the Contemporary World * / UHV	1	0	0	0	0	1
Pass / Fail Courses (Any one course to be chosen)								
DOSP1181	100	Yogasana	0	0	0	2	0	1
MFST1002	100	Health and Wellbeing *	0	0	2	0	0	1
DOSL1081	100	Student Life Activities (Participant)	0	0	0	2	0	1
DOSL1091	100	Student Life Activities (Organizer)	0	0	0	2	0	1
DOSL1101	100	Student Life Activities (Competitor)	0	0	0	2	0	1
DOSL1111	100	Foundations of Student (Leadership)	0	0	0	2	0	1
DOSL1042	100	Community Services – Volunteer	0	0	2	0	0	1
DOSL1052	100	Community Services – Mobilizer	0	0	2	0	0	1
DOSP1003	100	Badminton	0	0	0	2	0	1
DOSP1033	100	Football	0	0	0	2	0	1
DOSP1043	100	Volleyball	0	0	0	2	0	1
DOSP1053	100	Kabaddi	0	0	0	2	0	1
DOSP1073	100	Table Tennis	0	0	0	2	0	1
DOSP1083	100	Handball	0	0	0	2	0	1
DOSP1093	100	Basketball	0	0	0	2	0	1
DOSP1113	100	Throw ball	0	0	0	2	0	1
DOSP1142	100	Cricket	0	0	0	2	0	1
DOSP1132	100	Functional Fitness	0	0	0	2	0	1
DOSP1171	100	Martial Arts/Self Defence	0	0	0	2	0	1

* Massive Open Online Course (MOOC)

Students pursuing 4th year of the Programme need to choose the courses from the respective basket of Honours or Honours with Research

Honours Courses

Minimum number of credits to be earned: 32.

Course Code	Level	Course Title	L	T	P	S	J	C
ECON4001	400	Research Methodology	3	0	2	0	0	4
ECON4011	400	Advanced Econometrics	4	0	0	0	0	4
ECON4021	400	Time Series Analysis	4	0	0	0	0	4
ECON4031	400	Digital Economy	4	0	0	0	0	4
ECON4041	400	Public Choice Theory	4	0	0	0	0	4
ECON4051	400	Panel Data Econometrics	4	0	0	0	0	4
ECON4061	400	Game Theory	4	0	0	0	0	4
ECON4071	400	Political Economy of International Finance	4	0	0	0	0	4

Honours with Research Courses

Minimum number of credits to be earned is 32 out of which 12 credits must be earned through Research Project / Dissertation

Course Code	Level	Course Title	L	T	P	S	J	C
ECON4001	400	Research Methodology	3	0	2	0	0	4
ECON4011	400	Advanced Econometrics	4	0	0	0	0	4
ECON4021	400	Time Series Analysis	4	0	0	0	0	4
ECON4071	400	Political Economy of International Finance	4	0	0	0	0	4
ECON4061	400	Game Theory	4	0	0	0	0	4
ECON4051	400	Panel Data Econometrics	4	0	0	0	0	4
Research Project / Dissertation (PROJ)								
DIST4888	400	Dissertation - I (Review of Literature & Research Proposal)	0	0	0	0	8	4
DIST4999	400	Dissertation – II	0	0	0	0	16	8

Minor Courses

One Minor is to be chosen from the following list of Minors.

The minimum number of credits to be earned up to 3 years of the programme is 24.

The minimum number of credits to be earned for the 4-year programme is 32.

Minors List

S.No.	Minor	Offered by School	Credits Required	
			3-Year UG	4-Year UG
1	Business Analytics (Except for GSB)	Business	24	32
2	Business Management (Except for GSB)	Business	24	32
3	Financial Markets (Except for GSB)	Business	24	32
4	Psychology	Humanities	24	32
5	Economics	Humanities	24	32
6	English	Humanities	24	32
7	Bharatanatyam	Humanities	24	32
8	Carnatic Vocal	Humanities	24	32
9	Choreography and Screen Dance	Humanities	24	32
10	Kuchipudi	Humanities	24	32
11	Mohiniyattam	Humanities	24	32
12	Mridangam	Humanities	24	32
13	Theatre Arts	Humanities	24	32
14	Visual Arts	Humanities	24	32
15	History	Humanities	24	32
16	Mass communication (Hyd)	Humanities	24	32
17	Visual Communication (Hyd)	Humanities	24	32
18	Sociology	Humanities	24	32
19	Political Science	Humanities	24	32
20	Public Policy (Hyd)	Public Policy	24	32
21	Chemistry	Science	24	32
22	Data Science	Science	24	32
23	Biochemistry	Science	24	32
24	Bioinformatics	Science	24	32
25	Biotechnology	Science	24	32
26	Environmental Management	Science	24	32
27	Environmental Science	Science	24	32
28	Microbiology	Science	24	32
29	Food Science and Technology	Science	24	32
30	Mathematics	Science	24	32
31	Statistics	Science	24	32
32	Atmospheric Physics	Science	24	32
33	Climate Science	Science	24	32
34	Electronics	Science	24	32
35	Physics	Science	24	32
36	Quantum Computing	Science	24	32
37	Computer Science	Technology	24	32
38	Data Analytics	Technology	24	32
39	Machine Learning	Technology	24	32



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