



Department of Humanities

MAHATMA JYOTIBA PHULE ROHILKHAND UNIVERSITY, BAREILLY
A State University, Uttar Pradesh, NAAC A++ Accredited. ISO:9001-2015 & 14001-2015 Certified

Ref. No. – RU/HUM/2025/

Date: 20/02/2025

To
The Head
Department of...CSIT
MJPRU

Subject- Regarding uploading the updated Syllabi on University website.

This is for your kind information that the Department of Humanities has updated all the Syllabi of the courses offered by us to your Department.

Following are the courses offered by the Department of Humanities.

| S.No | Paper-code & Title | B.Tech/ M.Tech/MCA Year & Branch | Examination Code |
|------|---|----------------------------------|------------------|
| 1 | HU-103T (Fundamental of Economics) | Ist Year (ODD/EVEN) | 23013 |
| 2 | HU-101T (English Language & Literature) | Ist Year (ODD/EVEN) | 23011 |
| 3 | HU-449T (Principle of Management) | IVth Year (7 th sem) | 23017 |
| 4 | HU-409T (Quantitative Methods in Economics) | IVth Year (7 th sem) | 23016 |
| 5 | ME212T (Industrial Management) | IIInd Year (4 th sem) | 23636 |
| 6 | HU-407T (Foreign Trade) | IVth Year (8 th sem) | 23015 |
| 7 | HU-203T (Human Values & Professional Ethics-I) | IIInd Year (3 rd sem) | 23018 |
| 8 | HU-204T (Human Values & Professional Ethics-II) | IIInd Year (4 th sem) | 23019 |
| 9 | MCA-109 (Principle of Management) | MCA Ist Year (Ist sem) | 21155 |
| 10 | HU-315T (Professional Communication) | IIIrd Year (5 th Sem) | 23020 |
| 11 | HU-316T (Soft Skills) | IIIrd Year (6 th Sem) | 23010 |
| 12 | HUM-108 (Human Values & Professional Ethics) | M.Tech Ist Year (IIInd sem) | 55344 |

Kindly Keep these Syllabi for your record and upload all these syllabi on University Website.

The Updated Syllabi are attached with this letter for your reference.

Dr. Akhtar Husain
for n.a.
Vikram

Sri R. K. Gantam ji
21/03/2025

Please upload
above syllabi on
website of MJPRU.

Anita
(Dr. Anita Tyagi)
Head, Department of Humanities

21/03/2025
Dr. Akhtar Husain
Website

Paper Title: English Language and Literature

Paper code HU-101T

Examination code: 23011

Course credit: L P T 3 0 0

Course Objective: This course has a double purpose. It introduces literature and its forms and helps students learn the English Language. The literary aspect will be dealt with through suitable texts such as poems, shorts and plays (chosen by the Instructors).

Syllabus

Module-1

- a) Pre-Requisites of Scientific Writing
- b) Importance of Global Communication
- c) Basics of Global Communication
- d) Types of communication
- e) Modes and Barriers of Communication.

Module-II

ENGLISH FOR ACADEMIC PURPOSES

- a) Note taking and Report writing.
- b) Letter and Email writing
- c) Learning the use of Vocabulary
- d) Presentation strategies

Module-III

Office Etiquette

- a) Formal meeting and gathering etiquette
- b) Body language and mannerisms

Module-IV

- a) Of Studies by Francis Bacon
- b) On The Ignorance of the Learned by William Hazlitt.
- c) The Patriot by Nissim Ezekiel
- d) Rules of the Road by A.G. Gardiner

To consult:

WEB Resources:

- i) <https://owl.english.purdue.edu>
- ii) www.learn-english-today.com/lessons/exercise-list.html
- iii) www.english-4u.do/grammar-exercises.htm
- iv) <https://learnenglish.britishcouncil.org/vocabulary>

Recommended Readings:

1. Banerji, K., Mohan, M., & Banerji, M. Developing communication skills.
2. Raman, M., Meenakshi, R., & Sharma, S. Technical communication: Principles and practice.
3. Sharma, G. D. (2023). A comprehensive resource book of functional English. Prakash Book Depot.
4. Kulbhushan. (2018). Effective communication skills. Khanna Publishing House.
5. Pfeiffer, W. S., & Padmaja, T. V. S. (2007). Technical communication: A practical approach (6th ed.). Pearson.
6. Wren, P. C., & Martin, H. (2014). High school grammar and composition. Oxford University Press.

Fundamentals of Economics

Paper Code: HU-103T

Examination code: 23013

Credit: 03

Ist Semester (CS, CH & ME)

IInd Semester (EE, EC & EI)

Course Objective

The Syllabus is designed keeping in view are learning levels of new undergraduate entrants. Emphasis has been given to explain the basic concepts using examples from the fields.

Course Outcomes (COs)

After successfully completion of the course, students will be able to

- Develop the ability to explain about the basic concepts, theories, and terms of the Economics, nationally as well as globally.
- Understand the functions as well as key concepts of the market and know how it works in local and global markets.
- Identify the concepts of Microeconomics and Macroeconomics.
- Understand the importance of Economics in their currier and future life.
- Apply the Laws & different concepts of the Economics in their profession and understand the universality of these laws.

Module-I

Microeconomics: Defining Economics- Basic Economics Problems, Nature, Scope and importance of Microeconomics at National & International level, Demand: Definition, Law of Demand, and Market Demand & Elasticity of Demand, all types of Elasticity of Demand Indifference Curves & their properties, Consumer's Equilibrium.

Module-II

Production: Production Functions, Cost Analysis: Total, Average & Marginal cost, cost curves
Market Structure: Perfect Competition, Monopoly and Monopolistic Competition. (Assumptions and Firm's equilibrium conditions, Price output Ratio), Factor Market: Land, Labour and Capital Market.

Module-III

Macroeconomics: Nature, Scope and Importance of Macroeconomics, National Income Accounting & Methods of Measurement, Components of GNP & GDP, Consumption, Saving and Investment, It's Importance at local and global level.

Module IV

Money: Function of Money, Demand for Money, Banking System: Central & Commercial Banks -Functions and importance, Fiscal Policy & Monetary Policy, Problem of Unemployment & Inflation, Types of Inflation, Problems & remedies, Concept of Economic Growth & Development.

Module V

Current issues of Indian Economy- Project/Assignment work.

(Note:).

Suggested Books:

1. R.S. Pindyck and D.L. Rubinfeld, Microeconomics (7th Edition), Pearson Prentice Hall, New Jersey, 2009
2. R. Dornbusch, S. Fischer and I. Startz, Macroeconomics (9th Edition), McGraw Hall Inc, New York, 2004
3. A. Koutsoyiannis, Modern Microeconomics (2nd Edition), Macmillan Education, New York

BRANCH: B.Tech. (CS) IIIrd Semester
HUMAN VALUES AND PROFESSIONAL ETHICS-I

Paper-(CODE: HU-203T)

(EXAMINATION CODE:23018)

Credits:2

UNIT-1: INTRODUCTION TO VALUE EDUCATION

Understanding Value Education, Need and basic guide lines for the Value Education, Content of value education, process of Value education, Self-Exploration-What it is?- its content and process;

UNIT-2: THE BASIC HUMAN ASPIRATIONS CONTINUOUS HAPPINESS AND PROSPERITY

Natural Acceptance and Experimental Validation- as the mechanism for self-exploration Continuous Happiness and Prosperity Our Basic Aspirations, Exploring Happiness and Prosperity, A look at the Prevailing Notions of Happiness and Prosperity,

UNIT-3: THE PROGRAM TO FULFIL BASIC HUMAN ASPIRATIONS

Definite Conduciveness of Ethical Human, Competence in Professional Ethics, Basic Requirements for Fulfillment of Human Aspirations, what is our State today? Why are we in this State?-Living with Wrong Assumptions, what is the Solution?-The Need for Right Understanding

UNIT-4: UNDERSTANDING THE HARMONY AT VARIOUS LEVEL

Our Program: Understand and Live in Harmony at all a Levels of Living ,Our Natural Acceptance for Harmony at all Levels of our Living, Human and Animal Consciousness, Understanding the Human Being as Co-existence of Self (I) and Body, Human Being is more than just the Body,

UNIT-5: UNDERSTANDING MYSELF AND SELF(I)

Understanding Myself as Co-existence of the Self and the Body, Understanding Needs of the Self and Needs of the Body, Understanding the Self(I) as the Conscious Entity, the Body as the Material Entity, Exercise on distinguishing Needs of the Self(I) and Body

Reference:

- Dr. Rajeshwari Shinde, Dr. Suganthi, Dr. Senduru Srinivasulu, Dr. Pooja Jain, Dr. Tejee Isha "Human Values And Professional Ethics", Edition - 01, 2021
- M.L. Sharma "Human Values and Professional Ethics", Khanna Publishers, Edition – 01, 2021
- Dr. Gurpreet Singh Uppal "Human Values And Professional Ethics", Edition – 01, 2015
- Jayshree Suresh, B.S. Raghavan "Human Values and Professional Ethics", Edition – 03, 2003

BRANCH: B.Tech.(CS&EI) IVth Semester
HUMAN VALUES AND PROFESSIONAL ETHICS-II

(CODE:HU-204T)

(EXAMINATION CODE:-23019)

Credits:2

UNIT-1: HARMONY IN THE SELF ('I')-UNDERSTANDING MYSELF

Why should I study Myself? Getting to know the Activities in the Self('I'),How are the Activities in 'I Related? The Activities in 'I' are Continuous , what is the Problem today? Effects of the problem, what then is the Solution?

UNIT-2: HARMONY IN THE FAMILY-UNDERSTANDING VALUES IN HUMAN RELATIONSHIPS

Result of Realization and Understanding-Living with Definiteness, Family as the Basic Unit of Human Interaction, Harmony in the Family, Justice , Values in Human Relationships, Trust, Respect, The Basis for Respect;

UNIT-3: HARMONY IN THE SOCIETY- FROM FAMILY ORDER TO WORLD FAMILY ORDER

The problem due to Differentiation, Difference between "Attention " and "Respect", Affection, Care, Guidance, Love; Extending Relationship from Family to Society, Identification of the Comprehensive Human Goal;

UNIT-4: PROFESSIONAL ETHICS IN THE LIGHT OF RIGHT UNDERSTANDING

Profession- In the Light of Comprehensive Human Goal, Ensuring Competence in Professional Ethics, Issues in Professional Ethics –The Current Scenario, Inherent Contractions and Dilemmas and their Resolution

UNIT-5: UNIVERSAL HUMAN ORDER & GOALS

Programs Needed to Achieve the Comprehensive Human Goal: The Five Dimension of Human Endeavour, Harmony from Family Order to world Family Order: Universal Human Order

Reference:

- N. Sambasiva Rao, Abdul Noor Basha, Madhukar Behara, D. Bhuvana Kumar "*Human Values And Professional Ethics (HVPE)*", Edition – 01, 2022
- Dr. S. Kannan, K. Srilakshmi "*Taxmann's Human Values And Professional Ethics*", Edition – 01, 2009
- Dr. Ritu Soryan "*Universal Human Values and Professional Ethics*", Edition – 01, 2022

Course level learning outcomes

Some of the course learning outcomes that students of this course are required to demonstrate run thus:

1. To improve communicative competence of the students.
2. To enable the students to converse in their life situations.
3. To enable the students to acquire phonetic skills required for oral skills.
4. To train the students to use English for practical purposes.

Unit.1

Definition of communication, Methods of communication, Types of communication with the special focus on [verbal, Non-verbal, vertical, horizontal mass communication and group communication]. Barriers of Communication [Physical barriers/semantic barriers/language/social-cultural barriers /Psychological barriers) and the way to overcome these barriers.

Unit.2

Significance of Body language in communication, process of listening, Types of listening, strategies for active listening.

Unit.3

Reading skills, purposes, Methodologies, description and Articulation of English speech; sounds; syllabals and stress, Accent and voice Modulation.

Unit.4

Modern forms communication: Fax, Email, Video conferencing, internship, websites, uses of various form of communication.

Unit.5

Interviews, Types of interviews, Most common interview questions, best practices before the job interviews, group discussion.

WEB Resources:

- i) <https://owl.english.purdue.edu>
- ii) www.learn-english-today.com/lessons/exercise-list.html
- iii) www.english-4u.do'grammar-exercises.htm
- iv) <https://learnenglish.britishcouncil.org/vocabulary>

Recommended Readings:

1. Banerji, K., Mohan, M., & Banerji, M. Developing communication skills.
2. Raman, M., Meenakshi, R., & Sharma, S. Technical communication: Principles and practice.
3. Sharma, G. D. (2023). A comprehensive resource book of functional English. Prakash Book Depot.
4. Kulbhushan. (2018). Effective communication skills. Khanna Publishing House.
5. Pfeiffer, W. S., & Padmaja, T. V. S. (2007). Technical communication: A practical approach (6th ed.). Pearson.
6. Wren, P. C., & Martin, H. (2014). High school grammar and composition. Oxford University Press.

BRANCH: B.Tech. (CSIT) VIth Semester

SOFT SKILLS

(CODE: HU-316T)

(EXAMINATION CODE:23010)

Credit : (3-0-1)

Course objectives

To develop soft skills, particularly time management, leadership qualities, lateral thinking, interpersonal skills and communication skills. The curriculum also focuses on listening, office communication, presentation and etiquette.

Unit-1

Introduction to soft skills- Self-discovery, positive attitude, improving perceptions, forming values. Behavioural skills, understanding self.

Unit-2

Interpersonal relationships,
Team building
Group dynamics
Interviews, mock interviews, goal setting, career planning
Networking

Unit-3

Communication skills- listening speaking, reading, writing, writing E.mail, business communication in English.

Unit -4

Corporate skills, working with others, developing body language, practicing etiquette and mannerism, time management, stress management.

WEB Resources

1. <https://youtube.com/@ted>
2. <https://learnenglish.britishcouncil.org/vocabulary>
3. <https://www.teachingenglish.org.uk/community/top-stories>

Reference Books :-

1. Butterfield. Soft Skills for Everyone. 1st ed., Cengage Learning India Pvt. Ltd., 2011.
2. Peters SJ, Francis. Soft Skills and Professional Communication. 1st ed., McGraw Hill Education, 2011.
3. Sharma, G. D. A Comprehensive Resource Book of Functional English. Prakash Book Depot, 2023.
4. Mitra, Barun K. Personality Development and Soft Skills. 1st ed., Oxford University Press, 2011.

Branch: B.Tech VIIth Sem (Open Elective)
QUANTITATIVE METHODS IN ECONOMICS

Paper Code- (HU-409T)

(Examination Code- 23016)

Credit: 03

Course Objective

The course teaches the students the basics of statistical tools and techniques. It sets an understanding of statistics & develop a deep knowledge about different Statistical tools like central tendencies, dispersion, correlation, regression & index numbers which will help them in their future carrier.

Course Outcomes (Cos)

After successfully completion of the course, students will be able to:

- Organize, manage, and analyze statistical data graphically
- Use methods of central tendencies and dispersion to analyze the statistical data
- Calculate and explain the correlation between two variables by applying method of Correlation
- Calculate and interpret the
- Acquire knowledge of the method of Regression & Index Numbers and learn how & where apply these techniques.
- Use of statistical tools & methods to solve many research problems and know about the universality of these methods.
- Create an analytical approach to apply these tools and methods practically in different projects at national and international level.

UNIT 1 : Statistics

Definition, Importance, Scope & Limitations of Statistics, Primary & Secondary Data, Classifications of Data- Meaning, objectives and types of classification, Frequency Distributions: discrete grouped and continuous frequency distributions, Fundamentals of Frequency Distribution.

UNIT 2: Measures of Central Tendencies

Arithmetic Mean, Median, Mode, Geometric Mean and Harmonic Mean: Meaning, Merit, Demerits and Uses of All Methods.

UNIT 3: Measures of Dispersion

Mean deviation Method about mean, Median and Mode, Merits, Demerits and Coefficient of Mean Deviation, Standard Deviation (SD) Method with Simple, Short Cut and Step Deviation Methods, Merits, Demerits and Coefficient of Standard Deviation.

UNIT 4: Correlation

Introduction and Types of Correlation, Karl Pearson's Coefficient of Correlation, Interpretation of "r", Probable error, Uses of Probable error.

UNIT 5: Linear Regression Analysis

Introduction, Methods of Linear Regression Analysis: - (1) Line of regression of Y on X and (2) Line of regression of X on Y, why two lines Regression Coefficient of Regression, Relation Between Coefficient Correlation and Regression

UNIT 6: Index Number

Definition, Uses and Types of Index Numbers, Methods of Constructing Index Number: (1), Simple Aggregate Method (2) Weighted Aggregate Method (3) Fisher's Ideal Index Numbers (4) Cost of Living Index Numbers (5) Chain Base and Fixed Base Index Numbers, Base Shifting and Limitations of Index Numbers.

UNIT 7: Projects/Assignments

Statistical Tools & their applications: Projects/Assignments

Suggested Books:

1. D.N. Elhance, Veena Elhance and B.M. Aggarwal, Fundamentals of Statistics (51st Edition), ALLAHABAD: KITAB MAHAL, 2007
2. S.C. Gupta, Fundamentals of Statistics (7th Edition), Himalaya Publishing House, 2018

BRANCH: B.Tech VIth Semester
PRINCIPLE OF MANAGEMENT

(CODE: HU-449T)

(EXAMINATION CODE:23017)

Credits 4(3-1-0)

Objective:

The course provides the understanding of basic management concepts, principles and practices. It outlines the fundamental activities of managers. Overall, it enables students to analyse and understand changing business environment and the role of ethics, social responsibilities and environmental issues in contemporary business environment.

Course Outcomes (Cos)

After successfully completion of the course, students will be able to:

1. Train the students with the knowledge, skills, and abilities that are very important for success in careers.
2. Generate the team building in the students so that they can accomplish their task very effectively
3. Develop the responsibilities of managers among the student
4. Prepare the student for the proper use of men, materials, machines, and money that will help a business to earn sufficient profits
5. Uplift & boost Up their morale strongly by applying the principles of decentralization and delegation of authority
6. Enhance their management experience that helps them in forecasting through which risk can be minimize
7. Understand the main objective of the management is to make them more productive and innovative

UNIT 1:

Management as a Discipline: Definition, Nature, scope, functions, Development of Management Thought, Social Responsibility of Business. Developing Competencies- Global Competencies & its benefits, Management Principles and Universality of Management Principles.

UNIT2:

Planning: Concept and purpose, planning process, Management, By Objectives (MBO), Strategic Management Process. Decision making: Problem, Nature and Process.

UNIT3:

Organization: Concept and purpose of organisation, types of organisation, bases of Departmentation, concept of Authority and Responsibility, Span of Management, Line and Staff Authority, Functional Authority, Delegation of Authority, Centralization and Decentralization of Authority, Coordination Staffing, Global Leadership & Organizational Behaviour Effectiveness (GLOBE) and its Framework.

UNIT4:

Directing: Leadership Concept, Ingredients, Traits, Styles, Roles Communication Concept. Types, Process Barriers, Making Communication effective, Importance, Impact of Globalization & Cross-Cultural Communication. Motivation: Concepts, Theories, and Applications.

UNIT5:

Controlling: Concept, Provides, Requirements, for adequate control, Control Techniques, Problems of Control process, overall control Techniques.

Books & References:

1. Drucker, P.F. : Managements, Tasks, Responsibilities, Practices
2. VSP Rao & V.Hari Krishna, Strategic Management, Text & Cases, Excel Books, New Delhi.
3. Fred R. David, Strategic Management, PHI, New York.
4. P.K. Ghosh : Business Policy , Strategy , Planning and Management
5. Asha Kaul: Effective Business Communication (PHI)
6. RonLudlow, Fergus Panton: The Essence of Effective Communication (PHI)

BRANCH :- M. TECH 2ND Semester

(EXAMINATION CODE :55344)

HUM-108

HUMAN VALUES AND PROFESSIONAL ETHICS Credits: 2(2-1-0)

UNIT 1

Course Introduction - Need, Basic Guidelines, Content and Process for Value Education, Understanding the need, basic guidelines, content and process for Value Education, Self Exploration 'what is it' - its content and process, 'Natural Acceptance' and Experiential Validation- as the mechanism for self exploration, Continuous Happiness and Prosperity- A look at basic Human Aspirations, Right understanding, Relationship and Physical Facilities- the basic requirements for fulfillment of aspirations of every human being with their correct priority

UNIT 2

Understanding Harmony in the Human Being - Harmony in Myself, Understanding human being as a co-existence of the sentient 'I' and the material 'Body', Understanding the needs of Self ('I') and 'Body' - Sukh and Suvidha, Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer), Understanding the characteristics and activities of 'I' and harmony in 'I', Understanding the harmony of I with the Body: Sanyam and Swasthya; correct appraisal of Physical needs.

UNIT 3

Understanding Harmony in the Family and Society- Harmony in Human/Human Relationship, Understanding Harmony in the family - the basic unit of human interaction, Understanding values in human-human relationship, meaning of Nyaya and program for its fulfillment to ensure Ubhay-tripti, Trust (Vishwas) and Respect (Samman) as the foundational values of relationship.

UNIT 4

Understanding Harmony in the Nature and Existence - Whole existence as Co-existence, Understanding the harmony in the Nature, Interconnectedness and mutual fulfillment among the four orders of nature/recyclability and self-regulation in nature, Understanding Existence as Co-existence (Sah-astitva) of mutually interacting units in all-pervasive space, Holistic perception of harmony at all levels of existence - Practice Exercises and Case Studies will be taken up in Practice Sessions.

UNIT 5

Implications of the above Holistic Understanding of Harmony on Professional Ethics, Natural acceptance of human values, Definitiveness of Ethical Human Conduct, Basis for Humanistic Education.

References:

1. Value Education websites, <http://uhv.ac.in>, <http://www.uptu.ac.in>
2. Story of Stuff, <http://www.storyofstuff.com>
3. Al Gore, An Inconvenient Truth, Paramount Classics, USA
4. Charlie Chaplin, Modern Times, United Artists, USA
5. IIT Delhi, Modern Technology - the Unfold Story
6. Gandhi A - Right Here Right Now, Cyclewala Productions

The bottom of the page features several handwritten signatures and initials in black ink. On the left, there is a signature that appears to be 'A. G.' followed by a large, stylized signature. In the center, there are several smaller initials and signatures, including one that looks like 'K'. On the right, there is a signature that appears to be 'Anam' followed by another signature.

BRANCH: MCA 1st Semester
PRINCIPLES OF MANAGEMENT

(CODE: MCA-109)

(EXAMINATION CODE:21155)

Credits: 4(3-1-0)

Objective:

This course develops an understanding of staffing, leadership, and motivation in an organization. It is also helpful to develop the strategic planning and decision-making strategies in an organization. This course provides an understanding of basic management concepts, principles, and practices. It outlines the Fundamental activities of managers.

Outcomes

1. Understand the fundamental concept of management.
2. Understand the framework of organizations in the dynamic environment.
3. Understand the complexities associated with management of human resource in the organizations.
4. Develop the understanding regarding group behaviour, leadership, communication & feedback, and social responsibility.
5. Analyse effective application of management skills & knowledge to diagnose & solve organizational problem.

UNIT I

Management as a discipline: Definition, nature, scope, functions, managerial skills. *Management. Thought-Historical Prospective, Social Responsibility of Business. Business Ethics and Value based Management.*

UNIT II

Planning: Concept and Purpose, Planning process, Management by Objectives (MBO), *Decision making:* Types, process and tools and techniques.

UNIT III

Organization: Concept and Purpose of organization, types of organization, bases of Departmentation, concept of Authority and Responsibility, Span of Management, Line and Staff Authority, Functional Authority, Delegation of Authority, centralization And Decentralization of Authority, Coordination Staffing.

UNIT IV

Directing: Leadership Concept, Ingredients, Traits, Styles, Roles Communication Concept, Types, Process Barriers, Making Communication effective, importance.

UNIT V

Controlling: Concept, Provides, Requirements for Adequate Control, Budgetary control: Concepts and Importance, Management Audit.

Books & References:

1. Drucker, P.F. : Managements, Tasks, Responsibilities, Practices
2. Asha Kaul: Effective Business Communication (PHI)
3. RonLudlow, Fergus Panton: The Essence of Effective Communication(PHI)
4. Efrain, jae, david, H. Micheal: Electronic Commerce : A Managerial Perspective (Pearson Education)
Stoner, Freeman, Gilbert Jr.: Management (Pearson education) Kootz, O'Donnell, Weighrich: Essentials of Management.
5. VSP Rao &V.Hari Krishna, Strategic Management, Text & Cases 2010, Excel Books, New Delhi.
6. Fred R. David, Strategic Management, PHI, New York.
7. P.K. Ghosh : Business Policy , Strategy , Planning and Management