



Sri Indu Institute of Engineering & Technology

Recognized Under 2(f) of UGC Act 1956

Approved by AICTE, New Delhi
Affiliated to JNTUH, Hyderabad.

COURSE FILE

ON
BUSINESS ECONOMICS AND FINANCIAL ANALYSIS
Course Code - SM504MS

III B.Tech I-SEMESTER

A.Y.: 2022-2023

Prepared by

Mrs. T.K.VENKATA NAGAMANI
Assistant Professor

Head of the Department
Electronics and Communication Engg. Dept
SRI INDU INSTITUTE OF ENGG & TECH
sherguda(V), Ibrahimpatnam(M), R.R.Dist-501 510

PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(VIII), Ibrahimpatnam
R.R. Dist. Telangana-501 510.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

| | |
|------------------|---|
| Academic Year | 2022-2023 |
| Course Title | BUSINESS ECONOMICS AND FINANCIAL ANALYSIS |
| Course Code | SM504MS |
| Programme | B.Tech |
| Year & Semester | III year I-semester |
| Branch & Section | ECE-A |
| Regulation | R18 |
| Course Faculty | Mrs. T.K.VENKATA NAGAMANI, Assistant Professor |

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INSTITUTE VISION AND MISSION

Vision:

To become a premier institute of academic excellence by providing the world class education that transforms individuals into high intellectuals, by evolving them as empathetic and responsible citizens through continuous improvement.

Mission:

IM1: To offer outcome-based education and enhancement of technical and practical skills.

IM2: To Continuous assess of teaching-learning process through institute-industry collaboration.

IM3: To be a centre of excellence for innovative and emerging fields in technology development with state-of-art facilities to faculty and students' fraternity.

IM4: To Create an enterprising environment to ensure culture, ethics and social responsibility among the stakeholders.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

DEPARTMENT VISION AND MISSION

Vision:

To become a recognized center in the field of Electronics and Communication Engineering by producing creative engineers with social responsibility and address ever-changing global challenges.

Mission:

DM1: To facilitate an academic environment that enables student's centric learning.

DM2: To provide state-of-the-art hardware and software technologies to meet industry requirements.

DM3: To continuously update the Academic and Research infrastructure.

DM4: To Conduct Technical Development Programs for overall professional caliber of Stake Holders.

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PROGRAM EDUCATIONAL OBJECTIVES

Program Educational objectives are to Promote:

PEO1: Graduates with a strong foundation in Electronics and Communication Engineering, Science and Technology to become successful in the chosen professional career.

PEO2: Graduates with ability to execute innovative ideas for Research and Development with continuous learning.

PEO3: Graduates inculcated with industry based soft-skills to enable employability.

PEO4: Graduates demonstrate with ability to work in interdisciplinary teams and ethical professional behavior.

PROGRAM SPECIFIC OUTCOMES

PSO 1: Design Skills: Design, analysis and development a economical system in the area of Embedded system & VLSI design.

PSO 2: Software Usage: Ability to investigate and solve the engineering problems using MATLAB, Keil and Xilinx.

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PROGRAM OUTCOMES

1. **ENGINEERING KNOWLEDGE:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **PROBLEM ANALYSIS:** Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **DESIGN/DEVELOPMENT OF SOLUTIONS:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **MODERN TOOL USAGE:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
6. **THE ENGINEER AND SOCIETY:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **ENVIRONMENT AND SUSTAINABILITY:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **ETHICS:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **INDIVIDUAL AND TEAM WORK:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **COMMUNICATION:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions.
11. **PROJECT MANAGEMENT AND FINANCE:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **LIFE-LONG LEARNING:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech. in ELECTRONICS AND COMMUNICATION ENGINEERING

III YEAR COURSE STRUCTURE AND SYLLABUS (R18)

Applicable From 2018-19 Admitted Batch

III YEAR I SEMESTER

| S. No. | Course Code | Course Title | L | T | P | Credits |
|--------|-------------|---|-----------|----------|----------|-----------|
| 1 | EC501PC | Microprocessors & Microcontrollers | 3 | 1 | 0 | 4 |
| 2 | EC502PC | Data Communications and Networks | 3 | 1 | 0 | 4 |
| 3 | EC 503 PC | Control Systems | 3 | 1 | 0 | 4 |
| 4 | SM504MS | Business Economics & Financial Analysis | 3 | 0 | 0 | 3 |
| 5 | | Professional Elective - I | 3 | 0 | 0 | 3 |
| 6 | EC505PC | Microprocessors & Microcontrollers Lab | 0 | 0 | 3 | 1.5 |
| 7 | EC506PC | Data Communications and Networks Lab | 0 | 0 | 3 | 1.5 |
| 8 | EN508HS | Advanced Communication Skills Lab | 0 | 0 | 2 | 1 |
| 9 | *MC510 | Intellectual Property Rights | 3 | 0 | 0 | 0 |
| | | Total Credits | 18 | 3 | 8 | 22 |

III YEAR II SEMESTER

| S. No. | Course Code | Course Title | L | T | P | Credits |
|--------|-------------|-------------------------------|-----------|----------|----------|-----------|
| 1 | EC601PC | Antennas and Propagation | 3 | 1 | 0 | 4 |
| 2 | EC602PC | Digital Signal Processing | 3 | 1 | 0 | 4 |
| 3 | EC603PC | VLSI Design | 3 | 1 | 0 | 4 |
| 4 | | Professional Elective - II | 3 | 0 | 0 | 3 |
| 5 | | Open Elective - I | 3 | 0 | 0 | 3 |
| 6 | EC604PC | Digital Signal Processing Lab | 0 | 0 | 3 | 1.5 |
| 7 | EC605PC | e – CAD Lab | 0 | 0 | 3 | 1.5 |
| 8 | EC606PC | Scripting Languages Lab | 0 | 0 | 2 | 1 |
| 9 | *MC609 | Environmental Science | 3 | 0 | 0 | 0 |
| | | Total Credits | 18 | 3 | 8 | 22 |

***MC - Environmental Science – Should be Registered by Lateral Entry Students Only.**

Note: Industrial Oriented Mini Project/ Summer Internship is to be carried out during the summer vacation between 6th and 7th semesters. Students should submit report of Industrial Oriented Mini Project/ Summer Internship for evaluation.

Professional Elective – I

| | |
|---------|---|
| EC511PE | Computer Organization & Operating Systems |
| EC512PE | Error Correcting Codes |
| EC513PE | Electronic Measurements and Instrumentation |

Professional Elective – II

| | |
|---------|--|
| EC611PE | Object Oriented Programming through Java |
| EC612PE | Mobile Communications and Networks |
| EC613PE | Embedded System Design |

SM504MS: BUSINESS ECONOMICS AND FINANCIAL ANALYSIS

B.Tech. III Year I Semester

| | | | |
|----------|----------|----------|----------|
| L | T | P | C |
| 3 | 0 | 0 | 3 |

Course Objective: To learn the basic business types, impact of the economy on Business and Firms specifically. To analyze the Business from the Financial Perspective.

Course Outcome: The students will understand the various Forms of Business and the impact of economic variables on the Business. The Demand, Supply, Production, Cost, Market Structure, Pricing aspects are learnt. The Students can study the firm's financial position by analyzing the Financial Statements of a Company.

UNIT – I: Introduction to Business and Economics

Business: Structure of Business Firm, Theory of Firm, Types of Business Entities, Limited Liability Companies, Sources of Capital for a Company, Non-Conventional Sources of Finance.

Economics: Significance of Economics, Micro and Macro Economic Concepts, Concepts and Importance of National Income, Inflation, Money Supply and Inflation, Business Cycle, Features and Phases of Business Cycle. Nature and Scope of Business Economics, Role of Business Economist, Multidisciplinary nature of Business Economics.

UNIT - II: Demand and Supply Analysis

Elasticity of Demand: Elasticity, Types of Elasticity, Law of Demand, Measurement and Significance of Elasticity of Demand, Factors affecting Elasticity of Demand, Elasticity of Demand in decision making, Demand Forecasting: Characteristics of Good Demand Forecasting, Steps in Demand Forecasting, Methods of Demand Forecasting.

Supply Analysis: Determinants of Supply, Supply Function and Law of Supply.

UNIT- III: Production, Cost, Market Structures & Pricing

Production Analysis: Factors of Production, Production Function, Production Function with onevariable input, two variable inputs, Returns to Scale, Different Types of Production Functions.

Cost analysis: Types of Costs, Short run and Long run Cost Functions.

Market Structures: Nature of Competition, Features of Perfect competition, Monopoly, Oligopoly, Monopolistic Competition.

Pricing: Types of Pricing, Product Life Cycle based Pricing, Break Even Analysis, Cost Volume Profit Analysis.

UNIT - IV: Financial Accounting:

Accounting concepts and Conventions, Accounting Equation, Double-Entry system of

Accounting, Rules for maintaining Books of Accounts, Journal, Posting to Ledger, Preparation of Trial Balance, Elements of Financial Statements, Preparation of Final Accounts.

UNIT - V: Financial Analysis through Ratios:

Concept of Ratio Analysis, Importance, Liquidity Ratios, Turnover Ratios, Profitability Ratios, Proprietary Ratios, Solvency, Leverage Ratios – Analysis and Interpretation (simple problems).

TEXT BOOKS:

1. D. D. Chaturvedi, S. L. Gupta, Business Economics - Theory and Applications, InternationalBook House Pvt. Ltd. 2013.
2. Dhanesh K Khatri, Financial Accounting, Tata Mc –Graw Hill, 2011.
3. Geethika Ghosh, Piyali Gosh, Purba Roy Choudhury, Managerial Economics, 2e, Tata McGraw Hill Education Pvt. Ltd. 2012.

REFERENCE BOOKS:

1. Paresh Shah, Financial Accounting for Management 2e, Oxford Press, 2015.
2. S. N. Maheshwari, Sunil K Maheshwari, Sharad K Maheshwari, Financial Accounting, 5e, Vikas Publications, 2013.



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

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Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510

Website: <https://siiet.ac.in/>

COs and Mapping with PO/PSO

Course: Business Economics & Financial Analysis (C314)

Class: III

ECE-A

Course Outcomes

| CO Number | Course Outcomes (CO) |
|-----------|---|
| C314.1 | The students will understand various forms of Business and the impact of economic variables on the business. (Comprehension) |
| C314.2 | Understand the significance of elasticity of demand and its forecasting, law of demand and its exceptions and supply analysis. (analysis) |
| C314.3 | Understand production analysis function with different variables and cost analysis functions. (application) |
| C314.4 | 1. To adopt the principles of accounting to record, classify and summarize various transactions in books of accounts for preparation of final accounts. (Application) |
| C314.5 | Understand the Ratio analysis to give an idea about financial forecasting, financial planning, controlling and decision making. (synthesis) |
| C314.6 | 1. Understand the implementation of different structures of markets covering how price-output is determined under different market structures. (Comprehension) |

Mapping of course outcomes with program outcomes:

| PO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSOI | PSOII |
|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|-------|
| C314.1 | 3 | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| C314.2 | - | 3 | 1 | - | - | - | - | - | - | 2 | - | - | - | - |
| C314.3 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| C314.4 | 3 | - | - | 2 | - | - | - | 2 | - | - | 2 | - | - | - |
| C314.5 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| C314.6 | 3 | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - |
| AVG | 2.6 | 2.7 | 1 | 2 | - | 2 | 2 | 2 | - | 2 | 2 | - | - | - |



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CO- PO/PSO Mapping - Justification

Course: Business Economics & Financial Analysis

(C314)

Class: III ECE-A

P01.ENGINEERING KNOWLEDGE: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

P02.PROBLEM ANALYSIS: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

P03. DESIGN/DEVELOPMENT OF SOLUTIONS: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

P04. CONDUCT INVESTIGATIONS OF COMPLEX: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

P06. THE ENGINEER AND SOCIETY: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

P07. ENVIRONMENT AND SUSTAINABILITY: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

P08. ETHICS: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

P09. INDIVIDUAL AND TEAM WORK: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

P010. COMMUNICATION: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions.

P011. PROJECT MANAGEMENT AND FINANCE: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

CO-PO mapping Justification

C314.1 The students will understand various forms of Business and the impact of economic variables on the business.

| | Justification |
|------------|---|
| PO1 | Understanding various forms of business involves analyzing data, making projections, and evaluating financial aspects. Mathematics is crucial for tasks such as financial modeling, statistical analysis, and optimization. |
| PO6 | Businesses operate in diverse cultural environments. The engineer needs to be culturally sensitive and consider how business decisions may impact different cultural contexts. |

C314.2. law of demand and its exceptions and supply analysis. Understand the significance of elasticity of demand and its forecasting

| | Justification |
|-------------|---|
| PO2 | In engineering problem-solving, resource management is a common challenge. Engineers need to analyze and optimize the supply side of a system to ensure the availability of necessary resources for their projects. |
| PO3 | Engineers designing products must consider market dynamics. For instance, in the development of luxury goods or niche products, the law of demand may exhibit exceptions. |
| PO10 | Engineers must be able to articulate economic principles and their implications in a way that is understandable to both technical and non-technical audiences. |

C314.3. Understand production analysis function with different variables and cost analysis functions.

| | |
|------------|--|
| PO1 | Mathematics is a fundamental tool for modeling and analyzing engineering systems. |
| PO2 | Engineers must first identify complex problems within the realm of production and cost analysis. |

C314.4. To adopt the principles of accounting to record, classify and summarize various transactions in books of accounts for preparation of final accounts.

| | |
|-------------|--|
| PO1 | Specialized knowledge is crucial for applying accounting principles in engineering contexts. |
| PO4 | In adopting accounting principles, engineers engage in ongoing research to understand and apply the latest accounting regulations, standards, and methodologies. |
| PO8 | Engineers, in adopting accounting principles, commit to avoiding conflicts of interest that might influence financial reporting. |
| PO11 | Engineers, as part of project management and finance, adopt accounting principles to |

| | |
|--|---|
| | maintain accurate financial records for project-related transactions. |
|--|---|

C314.5. Understand the Ratio analysis to give an idea about financial forecasting, financial planning, controlling and decision making.

| | |
|------------|---|
| PO1 | Engineers, especially those with a specialization in financial engineering, bring domain-specific knowledge to ratio analysis. |
| PO2 | Engineers apply mathematical principles to calculate financial ratios, leveraging their understanding of natural sciences and engineering sciences to interpret the implications of these ratios. |

C314.6. Understand the implementation of different structures of markets covering how price-output is determined under different market structures.

| | |
|------------|---|
| PO1 | Engineers use quantitative methods to analyze economic variables that influence price and output in different market structures. |
| PO2 | Engineers, in understanding market structures, identify and formulate problems such as the impact of market competition, pricing strategies, and resource allocation. |
| PO3 | Engineers, when analyzing and designing solutions for market structures, must consider the potential impact on public health and safety. |

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2022-23

B. Tech./B. Pharm. III YEAR I & II SEMESTERS

I SEM

| S. No | Description | Duration | |
|-------|---|-------------------|----------------------|
| | | From | To |
| 1 | Commencement of I Semester classwork | 09.09.2022 | |
| 2 | 1 st Spell of Instructions (including Dussehra Recess) | 09.09.2022 | 10.11.2022 (9 Weeks) |
| 3 | Dussehra Recess | 03.10.2022 | 08.10.2022 (1 Week) |
| 4 | First Mid Term Examinations | 11.11.2022 | 17.11.2022 (1 Week) |
| 5 | Submission of First Mid Term Exam Marks to the University on or before | 24.11.2022 | |
| 6 | 2 nd Spell of Instructions | 18.11.2022 | 12.01.2023 (8 Weeks) |
| 7 | Second Mid Term Examinations | 16.01.2023 | 21.01.2023 (1 Week) |
| 8 | Preparation Holidays and Practical Examinations | 23.01.2023 | 28.01.2023 (1 Week) |
| 9 | Submission of Second Mid Term Exam Marks to the University on or before | 30.01.2023 | |
| 10 | End Semester Examinations | 30.01.2023 | 11.02.2023 (2 Weeks) |

Note: No. of Working/ instructional days: 92

II SEM

| S. No | Description | Duration | |
|-------|---|-------------------|-----------------------|
| | | From | To |
| 1 | Commencement of II Semester classwork | 13.02.2023 | |
| 2 | 1 st Spell of Instructions | 13.02.2023 | 08.04.2023 (8 Weeks) |
| 3 | First Mid Term Examinations | 10.04.2023 | 15.04.2023 (1 Week) |
| 4 | Submission of First Mid Term Exam Marks to the University on or before | 22.04.2023 | |
| 5 | 2 nd Spell of Instructions (including Summer Vacation) | 17.04.2023 | 24.06.2023 (10 Weeks) |
| 6 | Summer Vacation | 15.05.2023 | 27.05.2023 (2 Weeks) |
| 7 | Second Mid Term Examinations | 26.06.2023 | 01.07.2023 (1 Week) |
| 8 | Preparation Holidays and Practical Examinations | 03.07.2023 | 08.07.2023 (1 Week) |
| 9 | Submission of Second Mid Term Exam Marks to the University on or before | 08.07.2023 | |
| 10 | End Semester Examinations | 10.07.2023 | 22.07.2023 (2 Weeks) |

Note: No. of Working/ instructional days: 90


REGISTRAR



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Class Timetable

CLASS: III-B.Tech ECE-A

A.Y:2022-23

SEMESTER: I

LH: C-201

| TIME/ DAY | I 9:40-10:30 | II 10:30 -11:20 | III 11:20-12:10 | IV 12:10-1:00 | 1:00-1:30 | V 1:30-2:20 | VI 2:20-3:10 | VII 3:10-4:00 |
|--------------|-----------------|--------------------|--------------------|------------------|-----------------------|--------------------|-----------------|------------------|
| MON | DCN | IPR | CS | LIB | L U N C H | MPMC LAB / DCN LAB | | |
| TUE | CS | MPMC | EMI | DCN | | CYB | BEFA | SPORTS |
| WED | CYB | MPMC(T)/DCN(T) | CS | EMI | | DCN LAB / MPMC LAB | | |
| THU | EMI | DCN | CO-CU/DAA | | | IPR | MPMC | CS(T)/MPMC(T) |
| FRI | CS | BEFA | EMI | MPMC | | DCN(T)/CS(T) | ACS LAB | |
| SAT | MPMC | IPR | MPMC(ADJUNCT) | | | BEFA | DCN | COUN |

* (T) – Tutorial Concern Faculty

| Course Code | Course Name | Name of the Faculty | Course Code | Course Name | Name of the Faculty |
|-------------|--|---------------------|---------------|--|---|
| EC501PC | MPMC- Microprocessors & Microcontrollers | I.Venu | EC505PC | MPMC LAB- Microprocessors & Microcontrollers Lab | I.Venu/K.Srikanth/P.Srilatha |
| EC502PC | DCN-Data Communications and Networks | Y.Raju | EC506PC | DCN LAB- Data Communications and Networks Lab | J.Anand Rao/ M.Ganesh/Y.Raju |
| EC503PC | CS-Control Systems | K.Srikanth | EN508HS | ACS LAB- Advanced Communication Skills Lab | D.Ananda Rao |
| SM504MS | BEFA- Business Economics & Financial Analysis | K V Nagamani | *MC510 | IPR-Intellectual Property Rights | S.Srinivas |
| | | | MPMC(ADJUNCT) | G.Chandrasekhar | |
| | | | LIB | Library | B.Jyothirmai/S.Alekhya |
| EC513PE | EMI-Electronic Measurements and Instrumentation (PE-I) | M.Ganesh | COUN | Counseling | Dr.S.Suresh/S.Alekhya/M.Ganesh |
| *CYB | Cyber Security | T.Divya | CO-CU/DAA | Co-Curricular/Dent.Assc.Act. | M.Ganesh/S.Nagesh/P.Krishna Rao |
| | | | SPORTS | Sports | Sri Indu Institute of Engineering & Tech M.Ganesh/K.Padma Sheriguda, Ibrahimpatnam R.R Dist. Telangana-501 510 |

Class Incharge

Head of the Department
 Electronics and Communication Engg. Dept
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LESSON PLAN

| | |
|---------------------------------------|------------------------|
| Programme: B.Tech | Academic Year: 2022-23 |
| Year: III | Semester: I |
| Course title: BEFA | Course code: SM504MS |
| Name of Faculty: T.K.VENKATA NAGAMANI | |

Unit-I **Introduction to Business and Economics**

Business: Structure of Business Firm, Theory of Firm, Types of Business Entities, Limited Liability Companies, Sources of Capital for a Company, Non-Conventional Sources of Finance.

Economics: Significance of Economics, Micro and Macro Economic Concepts, Concepts and Importance of National Income, Inflation, Money Supply and Inflation, Business Cycle, Features and Phases of Business Cycle. Nature and Scope of Business Economics, Role of Business Economist, Multidisciplinary nature of Business Economics.

| No. of Sessions Planned | Topics | Reference | Teaching Method/ Aids |
|---|--|-----------|-----------------------|
| 1 | Structure of Business Firm, Theory of Firm | T2 | BB |
| 1 | Types of Business Entities | T2 | BB |
| 1 | Limited Liability Companies | T2 | BB |
| 1 | Sources of Capital for a Company | T2 | BB |
| 1 | Non-Conventional Sources of Finance | T2 | BB |
| 1 | Significance of Economics, Micro and Macro Economic Concepts | T1 | BB |
| 1 | Concepts and Importance of National Income, | T1 | BB |
| 1 | Inflation, Money Supply and Inflation | T1 | BB |
| 1 | Business Cycle, Features and Phases of Business Cycle | T1 | BB,PPT |
| 1 | Multidisciplinary nature of Business Economics | T1 | BB |
| Gap beyond syllabus(if any): | | | |
| Gap within the syllabus(if any) | | | |
| Course Outcome 1: The students will understand various forms of Business and the impact of economic variables on the business. | | | |

*Session Duration: 50 minutes

*Total Number of Hours/Unit: 10



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Accredited by NAAC with A+ Grade, Recognized under 2(f) of UGC Act 1956

(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)

Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510

Website: <https://siiet.ac.in/>

Unit-II Syllabus

Demand and Supply Analysis: Elasticity of Demand: Elasticity, Types of Elasticity, Law of Demand, Measurement and Significance of Elasticity of Demand, Factors affecting Elasticity of Demand, Elasticity of Demand in decision making, Demand Forecasting: Characteristics of Good Demand Forecasting, Steps in Demand Forecasting, Methods of Demand Forecasting.

Supply Analysis: Determinants of Supply, Supply Function and Law of Supply.

| No. of Sessions Planned | Topics | Reference | Teaching Method/ Aids |
|---|--|-----------|-----------------------|
| 1 | Elasticity, Types of Elasticity | T1 | BB |
| 1 | Law of Demand | T2 | BB |
| 1 | Measurement and Significance of Elasticity of Demand | T2 | BB |
| 1 | Factors affecting Elasticity of Demand | T2 | BB |
| 1 | Elasticity of Demand in decision making | T2 | BB |
| 1 | Demand Forecasting | T2 | BB,PPT |
| 1 | Characteristics of Good Demand Forecasting | T2 | BB |
| 1 | Steps in Demand Forecasting | T1 | BB |
| 1 | Methods of Demand Forecasting | T2 | BB |
| 1 | Determinants of Supply | T1 | BB |
| 1 | Supply Function and Law of Supply | T2 | BB |
| Gap beyond syllabus (if any): | | | |
| Gap within the syllabus (if any) | | | |
| Course Outcome 2: Understand the significance of elasticity of demand and its forecasting, law of demand and its exceptions and supply analysis. | | | |

*Session Duration: 50 minutes

*Total Number of Hours/Unit: 11



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Unit-III Syllabus

Production, Cost, Market Structures & Pricing

Production Analysis: Factors of Production, Production Function, Production Function with onevariable input, two variable inputs, Returns to Scale, Different Types of Production Functions.

Cost analysis: Types of Costs, Short run and Long run Cost Functions.

Market Structures: Nature of Competition, Features of Perfect competition, Monopoly, Oligopoly, and Monopolistic Competition.

Pricing: Types of Pricing, Product Life Cycle based Pricing, Break Even Analysis, Cost Volume Profit Analysis.

| No. of Sessions Planned | Topics | Reference | Teaching Method/ Aids |
|-------------------------|---|-----------|-----------------------|
| 1 | Factors of Production, Production Function | T1 | BB |
| 1 | Production Function with onevariable input, two variable inputs | T1 | BB |
| 1 | Returns to Scale, Different Types of Production Functions. | T1 | BB |
| 1 | Types of Costs | T1 | BB |
| 1 | Short run and Long run Cost Functions | T1 | BB |
| 1 | Nature of Competition | T1 | BB |
| 1 | Features of Perfect competition | T1 | BB |
| 1 | Monopoly, Oligopoly | T1 | BB |
| 1 | Monopolistic Competition | T1 | BB |
| 1 | Types of Pricing, Product Life Cycle based Pricing | T2 | BB |
| 1 | Break Even Analysis, Cost Volume Profit Analysis. | T2 | BB,PPT |

Gap beyond syllabus(if any):

Gap within the syllabus(if any)

Course Outcome 3: Understand production analysis function with different variables and cost analysis functions.

Course Outcome 6: Understand the implementation of different structures of markets covering how price-output is determined under different market structures.

*Session Duration: 50minutes

*Total Number of Hours/Unit: 11



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Unit-IV Syllabus

Financial Accounting: Accounting concepts and Conventions, Accounting Equation, Double-Entry system of Accounting, Rules for maintaining Books of Accounts, Journal, Posting to Ledger, Preparation of Trial Balance, Elements of Financial Statements, and Preparation of Final Accounts.

| No. of Sessions Planned | Topics | Reference | Teaching Method/ Aids |
|---|--|-----------|-----------------------|
| 2 | Accounting concepts and Conventions | T2,R2 | BB |
| 2 | Accounting Equation, Double-Entry system of Accounting | R2 | BB |
| 1 | Rules for maintaining Books of Accounts | T2,R1 | BB |
| 3 | Journal, Posting to Ledger | T2, R2 | BB, PPT |
| 3 | Preparation of Trial Balance | T2, R 1 | BB |
| 2 | Elements of Financial Statements | T2 | BB |
| 3 | Elements of Financial Statements | T2 | BB |
| Gap beyond syllabus(if any): | | | |
| Gap within the syllabus(if any) | | | |
| Course Outcome 4: To adopt the principles of accounting to record, classify and summarize various transactions in books of accounts for preparation of final accounts. | | | |

*Session Duration: 50minutes

*Total Number of Hours/Unit: 16



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Unit-V Syllabus

Financial Analysis through Ratios: Concept of Ratio Analysis, Importance, Liquidity Ratios, Turnover Ratios, Profitability Ratios, Proprietary Ratios, Solvency, Leverage Ratios – Analysis and Interpretation (simple problems).

| No. of Sessions Planned | Topics | Reference | Teaching Method/ Aids |
|--|--|-----------|-----------------------|
| 2 | Concept of Ratio Analysis | T2 | BB |
| 1 | Importance, Liquidity Ratios | T2 | BB |
| 2 | Turnover Ratios | T2 | BB,PPT |
| 2 | Profitability Ratios | T1 | BB |
| 2 | Solvency | T1 | BB |
| 2 | Leverage Ratios | T1 | BB |
| 3 | Analysis and Interpretation (simple problems). | T2 | BB |
| Gap beyond syllabus(if any): | | | |
| Gap within the syllabus(if any) | | | |
| Course Outcome 5: Understand the Ratio analysis to give an idea about financial forecasting, financial planning, controlling and decision making. | | | |

*Session Duration: 50minutes

*Total Number of Hours/Unit: 14

TEXT BOOKS:

1. D. D. Chaturvedi, S. L. Gupta, Business Economics - Theory and Applications, InternationalBook House Pvt. Ltd. 2013.
2. Dhanesh K Khatri, Financial Accounting, Tata Mc –Graw Hill, 2011.
3. Geethika Ghosh, Piyali Gosh, Purba Roy Choudhury, Managerial Economics, 2e, Tata McGraw Hill Education Pvt. Ltd. 2012.

REFERENCE BOOKS:

1. Paresh Shah, Financial Accounting for Management 2e, Oxford Press, 2015.

2. S. N. Maheshwari, Sunil K Maheshwari, Sharad K Maheshwari, Financial Accounting, 5e, Vikas Publications, 2013.

WEB REFERENCES:

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| S.No. | Web Link |
|-------|---|
| 1 | https://libguides.nypl.org/c.php?g=1071737&p=7803551 |
| 2 | https://www.investopedia.com/articles/economics/11/intro-supply-demand.asp |
| 3 | https://www.investopedia.com/terms/c/competitive-pricing.asp |
| 4 | https://www.investopedia.com/ask/answers/041015/how-does-financial-accounting-differ-managerial-accounting.asp |
| 5 | https://www.winvesta.in/blog/financial-ratio-analysis |



Lecture notes

Unit 1 link:

https://docs.google.com/document/d/1fhXSewQ_jkO_7cS2kFe93oib8vOFxy_w/edit?usp=sharing&oid=113645564463234631838&rtpof=true&sd=true

Unit 2 link:

https://drive.google.com/file/d/1J2iTp119VtULNdmAqIO3xT3gBtC1CGzy/view?usp=drive_link

Unit 3 link:

https://drive.google.com/file/d/1uV234hm-ZpZzr4p12s3PW3KOJZh9QtBf/view?usp=drive_link

Unit 4 link:

https://drive.google.com/file/d/1r4wECT0dYAHCCxWfPCWtZYZ2_6add5_a/view?usp=drive_link

Unit 5 link:

https://drive.google.com/file/d/11yX7b0bupaTR2Wno4EJ_mJqdmHdUw8Bq/view?usp=drive_link



Power point presentation

PPT link:

UNIT 1

<https://docs.google.com/presentation/d/1xRv2WL5xzqwy5K-TJbfjGeat8aWYvsre/edit?usp=sharing&oid=113645564463234631838&rtpof=true&sd=true>

UNIT 2

https://docs.google.com/presentation/d/1E6bfW8T2Et1C63kCezumxZOepYdnvx9C/edit?usp=drive_link&oid=113645564463234631838&rtpof=true&sd=true

UNIT 3

https://docs.google.com/presentation/d/1NBtfnamFk2UDDyujuYd_JNboVGEAculdi/edit?usp=sharing&oid=113645564463234631838&rtpof=true&sd=true

UNIT 4

https://docs.google.com/presentation/d/1jxE0GX3hl6M4gsNIcO2NhV_Z_xMNS4r-/edit?usp=sharing&oid=113645564463234631838&rtpof=true&sd=true

UNIT 5

https://docs.google.com/presentation/d/1tIWIEUvEzE8dZ4yVvg5FTYoUVXC3jspt/edit?usp=drive_link&oid=113645564463234631838&rtpof=true&sd=true

Code No: 134AG**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****B.Tech II Year II Semester Examinations, May - 2019****BUSINESS ECONOMICS AND FINANCIAL ANALYSIS****(Common to CE, EEE, ME, ECE, CSE, EIE, IT, MCT, ETM, MMT, AE MIE, PTM, CEE, MSNT)****Time: 3 Hours****Max. Marks: 75****Note:** This question paper contains two parts A and B.

Part A is compulsory which carries 25 marks. Answer all questions in Part A.

Part B consists of 5 Units. Answer any one full question from each unit.

Each question carries 10 marks and may have a, b, c as sub questions.

PART- A**(25 Marks)**

1. Give brief answers to the following:
 - a) Non- conventional sources of Finance [2]
 - b) Business cycle and its phases [3]
 - c) Characteristics of a good demand forecasting [2]
 - d) Supply function [3]
 - e) Types of Pricing [2]
 - f) Returns to scale [3]
 - g) Accounting Equation [2]
 - h) Trial Balance [3]
 - i) Current Ratio [2]
 - j) Working Capital and its components. [3]

PART-B**(50 Marks)**

- 2.a) Explain different sources of capital needed for a Joint Stock Company.
b) Explain different kinds of Business Entities. [5+5]
- OR**
- 3.a) Discuss the nature and scope of Business Economics.
b) Define the term „Inflation and explain its impact on the economics. [5+5]
4. What is „Elasticity of Demand“? Explain the broad classification of Elasticity of Demand. [10]
- OR**
5. Explain different methods of demand forecasting. [10]
6. Explain Law of Diminishing Returns. How are they helpful in managerial decisions? [10]
- OR**
- 7.a) Explain the features of a perfect competitive market.
b) Explain the concept of pricing based on Product Life Cycle. [5+5]

- 8.a) What is “Accounting”? Explain Double entry system of Book- Keeping. [5+5]
 b) Journalise the following transactions: [5+5]
 Jan 1,2018 Commenced with Cash Rs. 10,00,000
 Jan 3,2018 Purchased Goods worth Rs.2,00,000
 Jan 8,2018 Sold goods to Mr.Raghu Rs.1,00,000
 Jan 30,2018 Salaries Paid Rs. 20,000
 Jan 30,2018 Rent Paid Rs. 10,000

OR

9. Explain any four accounting Concepts. [10]
 10. Explain the procedure for preparing “statement showing changes in working capital” with Imaginary figures. [10]

OR

11. Following is the Profit and Loss Account of the year ended 31st December, 2017

| Dr | | | Cr |
|--------------------------------------|----------|----------------------------|----------|
| To Opening stock | 1,00,000 | By Sells | 5,60,000 |
| To Purchases | 3,50,000 | By closing Stock | 1,00,000 |
| To Wages | 9,000 | | |
| To Gross Profit c/d | 2,01,000 | | |
| | 6,60,000 | | 6,60,000 |
| To Administrative Expenses | 20,000 | By Gross Profit b/d | 2,01,000 |
| To Selling and distribution expenses | 89,000 | By Interest on investments | 10,000 |
| To Non-operating Expenses | 30,000 | By Profit on sale of | 8,000 |
| To Net Profit | 80,000 | Investment | |
| | 2,19,000 | | 2,19,000 |

You are required to calculate

- a) Gross Profit Ratio
 b) Net Profit Ratio
 c) Operating Ratio
 d) Operating Profit Ratio. [10]

---ooOoo---

R16

Code No: 134AG

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**B. Tech II Year II Semester Examinations, November/December - 2020****BUSINESS ECONOMICS AND FINANCIAL ANALYSIS**

(Common to CE, EEE, ME, ECE, CSE, EIE, IT, MCT, MMT, ETM, AE, MIE, PTM, CEE, MSNT)

Time: 2 hours**Max. Marks: 75**

Answer any Five Questions
All Questions Carry Equal Marks

- - -

- 1.a) What are the disciplines that have relevance to understanding of business economics?
b) With suitable examples explain how business economist's role is important to an organization. [8+7]
- 2.a) Discuss the factors affecting elasticity of demand.
b) Outline the determinants of supply. [7+8]
3. Compare and contrast the following:
a) Sunk cost versus Historical cost
b) incremental cost versus marginal cost.
c) Longrun versus short run cost. [5+5+5]
- 4.a) What are Personal, Real and Nominal accounts? What are the rules governing the entries to these accounts?
b) Discuss the elements of Financial statements. [9+6]
- 5.a) What are the various liquidity ratios? Explain briefly each of them.
b) The opening balance in debtors account is Rs. 75,000 and the closing balance is 1,05,000. The Sales for the year has been Rs. 25,00,000. Find out the debtors turnover ratio and collection period. [7+8]
6. Define Monopoly. Explain the features of oligopoly. [15]
7. From the following data calculate: a) inventory turn over ratio and b) average period of stock holding.
- | | |
|------------------------|---------------|
| Sales | Rs. 25,00,000 |
| Sales Returns | Rs. 1,25,000 |
| Stock as on 1.1.2019 | Rs. 4,80,000 |
| Stock as on 31.12.2019 | Rs. 3,60,000 |
- [15]
8. Write short notes on:
a) Law of supply
b) Inflation
c) National Income. [5+5+5]

---ooOoo---

R18

Code No: 155AG

JAWAHARLALNEHRUTECHNOLOGICAL UNIVERSITY HYDERABAD

B. Tech III Year I Semester Examinations, August - 2022

BUSINESSECONOMICSANDFINANCIALANALYSIS

(Common to EEE, ECE, EIE, MCT, AE)

Time:3 Hours

Max.Marks:75

**Answer any five questions
All questions carry equal
marks**

1. a) Discuss the nature and scope of Business Economics.
b) What role does the managerial economist play in business? [7+8]
2. a) What is Inflation? Explain its economic effects on different people.
b) Describe briefly the different phases of Business Cycle. [7+8]
3. a) Explain Law of demand and point out its assumptions and exceptions.
b) Define Elasticity of demand. What is its practical significance? [8+7]
4. a) What is Demand forecasting? What are the characteristics of good demand forecasting?
b) Describe the qualitative methods of demand forecasting. [7+8]
5. a) Give a broad classification of the factors of production.
b) What do you understand by Returns to scale? Discuss. [7+8]
6. a) Compare and contrast Perfect competition and Monopoly.
b) Discuss the strategies that may be adopted during different stages of Product Life Cycle. [7+8]

7. The following is related to Khoumik for the year ending 2019. Prepare Trading Account, Profit and Loss Account and Balance Sheet. Closing stock was valued at Rs. 20,800.

[15]

| Particulars | Balance(Dr) | Balance(Cr) |
|-------------------|-------------------|-------------------|
| Capital | | 48,800/- |
| Cash in hand | 700/- | |
| Purchases & Sales | 80,000/- | 1,90,000/- |
| Bank loan | | 20,000/- |
| Returns | 3,000/- | 1,500/- |
| Carriage | 3,400/- | |
| Stock on 1-4-2018 | 13,000/- | |
| Bills receivable | 8,000/- | |
| Bills payable | | 6,000/- |
| Rent and taxes | 7,200/- | |
| Salaries | 24,000/- | |
| Wages | 12,000/- | |
| Office expenses | 1,200/- | |
| Trade expenses | 800/- | |
| Discount | 700/- | 600/- |
| Sundry debtors | 29,600/- | |
| Sundry creditors | | 13,000/- |
| Machinery | 72,000/- | |
| Furniture | 18,000/- | |
| Drawings | 4,800/- | |
| Advertising | 600/- | |
| Bank charges | 100/- | |
| Insurance | 800/- | |
| TOTAL | 2,79,900/- | 2,79,900/- |

8. a) What is financial ratio analysis? Explain how accounting ratios are important in decision making.
 b) A company has 15,000 shares, market price of which Rs. 45 per share and its net profit after taxes for the financial year 2017-18 is Rs. 4,50,000. Find Price-earnings ratio and Earnings per share.

[7+8]

---oo0oo---

Answer any five questions
all questions carry equal marks

1. Define Business Economics? Explain the nature and scope of business economics and brief on business cycle, its features and phases of business cycle. [15]
2. Examine the micro, macroeconomic concepts and brief on the concepts and importance of national income in managerial economics. [15]
3. a) Discuss the different methods of demand forecasting.
b) Explain the law of supply and supply function. [7+8]
4. List out the determinants of demand. Explain law of demand and discuss the Measurement and significance of elasticity of demand. [15]
5. a) Explain the concept of Break even analysis. Discuss its applications.
b) Describe the production function and brief on law of returns to scale. [7+8]
6. a) Define Monopoly. Explain price output determination under monopoly.
b) Brief about the short run and long run cost function. [8+7]
7. a) Define Accounting. Discuss any four accounting concepts.
b) Discuss the procedure for preparation of final accounts. [8+7]
8. The following Trading and Profit and Loss Account of Fantasy Ltd. For the year 31-3-2000 is given below:

| Particulars | Rs. | Particulars | Rs. |
|-----------------------------|----------|-----------------------------|----------|
| To Opening Stock | 76,250 | By Sales | 5,00,000 |
| To Purchases | 3,15,250 | By Closing Stock | 98,500 |
| To Carriage and Freight | 2,000 | | |
| To Wages | 5,000 | | |
| To Gross Profit b/d | 2,00,000 | | |
| | 5,98,500 | | 5,98,500 |
| To Administrative Expenses | 1,01,000 | By Gross Profit b/d | 2,00,000 |
| To Selling & Dist. Expenses | 12,000 | By non-operating incomes: | |
| To non-operating expenses | 2,000 | By Interest on Securities | 1,500 |
| To Financial Expenses | 7,000 | By Dividend on shares | 3,750 |
| Net Profit c/d | 84,000 | By Profit on Sale of Shares | 750 |
| | 2,06,000 | | 2,06,000 |

Calculate:

- a) Gross Profit Ratio
- b) Expenses Ratio
- c) Operating Ratio
- d) Net Profit Ratio
- e) Stock Turnover Ratio.

[15]

| | | |
|-----------------|-------------------|-------------------|
| Wages | 12,000/- | |
| Officeexpenses | 1,200/- | |
| Tradeexpenses | 800/- | |
| Discount | 700/- | 600/- |
| Sundrydebtors | 29,600/- | |
| Sundrycreditors | | 13,000/- |
| Machinery | 72,000/- | |
| Furniture | 18,000/- | |
| Drawings | 4,800/- | |
| Advertising | 600/- | |
| Bankcharges | 100/- | |
| Insurance | 800/- | |
| TOTAL | 2,79,900/- | 2,79,900/- |

6. a) What is financial ratio analysis? Explain how accounting ratios are important in decision making.
- b) A company has 15,000 shares, market price of which Rs. 45 per share and its net profit after taxes for the financial year 2017-18 is Rs. 4,50,000. Find Price-earning ratio and Earnings per share. [7+8]

---oo0oo---

Sri Indu Institute of Engineering & Technology
Sheriguda (v), ibrahimpatnam (M), R.R.Dist-501510
I - Mid Examination, Nov – 2022

Year & Branch: III – ECE (A, B)
(AN)

Date: 12/11/2022

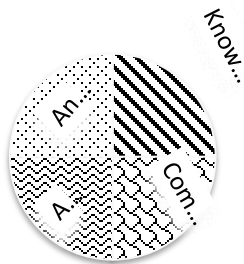
Subject: Business economics and financial analysis
60 mins

Max, marks: 10 Time:

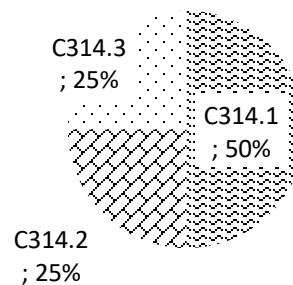
Answer any TWO Questions .All Question carry Equal Marks

1. Describe business economics? Write the nature and scope of business economics?
C314.1 (Comprehension)
2. List the sources of capital required for a joint stock company? C314.1 (knowledge)
3. Compare the types of elasticity of demand? C314.2 (analysis)
4. Illustrate the law of variable proportion.C314.3 (application)

**Question Paper Mapping
with BT**



**Question Paper Mapping
with CO's**



SRIINDUINSTITUTE OF ENGINEERING AND TECHNOLOGY

Sheriguda (v), ibrahimpatnam (m), RR.DIST-501510

II-MID Examination, JAN:2023

Year Branch—III-ECE (A)

Date: 20/01/2023 (AN)

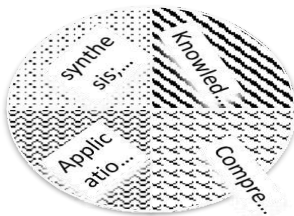
Subject: Business economics and financial analysis

max, marks: 10 Time: 60mins

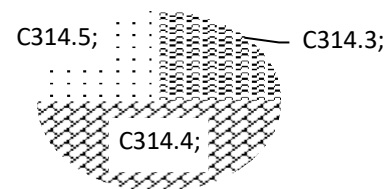
Answer any TWO Questions All Questions carry Equal Marks

1. Explain the classification of costs? C314.3 (Comprehension)
2. State the importance of ratio analysis as a technique for analyzing of financial statements?
C314.5 (knowledge)
3. Illustrate the classification of accounts? C314.4 (Application)
4. Collect the information about concepts and conventions of accounting? C314.4 (synthesis)

Question Paper Mapping with BT



Question Paper Mapping



Sri Indu Institute of Engineering & Technology
II B.Tech ECE I Sem., I mid – Term Examinations, NOV : 12-11- 2022
BUSINESS ECONOMICS AND FINANCIAL ANALYSIS

Objective Exam

Name: _____ Hall Ticket No.

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

I CHOOSE THE CORRECT ALTERNATIVE:

1. Long-term assets without any physical existence possessing a value are called ()
A) Intangible assets
B) Fixed assets
C) Current assets
D) Investments

2. The assets that can be easily converted into cash within a short period i.e., one year or less are known as ()
A) Intangible assets
B) Fixed assets
C) Current assets
D) Investments

3. Gross profit is ()
A) Cost of goods sold + Opening stock
B) Sales - cost of goods sold
C) Sales - purchase
D) Net profit - expenses

4. Net profit is calculated in which of the following account ()
A) Profit and loss accounts
B) Balance sheet
C) Trial balance
D) Trading account

5. The charges of placing commodities into a saleable condition should be changed to ()
A) Trading account
B) Profit and loss account
C) Balance sheet
D) None of the above

6. Working capital is the _____ ()
A) Capital borrowed from the banks
B) Difference between current assets and liabilities
C) Difference between fixed assets and current assets
D) Cash and bank balance

7. Which of the following transactions will improve the current ratio ? ()
A) Purchase of goods for cash
B) Payment to trade payables
C) Credit purchase of goods
D) Cash collected from trade receivables

8. Which of the following ratio measures short term solvency? ()
- A) Liquidity ratios
 - B) Solvency ratios
 - C) Activity ratio
 - D) Profitability ratio
9. Liquidity ratios include ()
- A) Current ratio
 - B) quick ratio
 - C) Absolute liquid ratio
 - D) All of the above
10. Which of the following is not an indicator that a firm is over trading ()
- A) A sharp increase in sales
 - B) Decrease in merging due to the use of the discounts
 - C) Increasing the size of over draft
 - D) A decreasing debtor period

II: FILL IN THE BLANKS:

1. Supplier's personal account is seen in the _____.
2. Sales invoices are entered in _____.
3. If a trial balance totals do not agree, the difference must be entered in _____.
4. The debts which are to be repaid within a short period (a year or less) are referred to as _____.
5. Copyright, patents and trademarks are examples of _____.
6. Liquid ratio is equal to liquid assets divided by _____.
7. The _____ is a measure of liquidity that excludes generally the least liquid asset.
8. Two basic measures of liquidity are _____.
9. The _____ of a business count is measured by its ability to satisfy its short term obligations as they become due.
10. Gross profit is to be distributed between the two periods on the basis of _____.

ANSWER KEY

Descriptive paper key link:

Key Paper

<https://docs.google.com/document/d/1zup6hVmF-sZbDIxFNfmirSrhGD8HJp5i/edit?usp=sharing&oid=113645564463234631838&rtpof=true&sd=true>

I. Choose the correct alternative:

- 1) B
- 2) C
- 3) A
- 4) D
- 5) D
- 6) B
- 7) D
- 8) C
- 9) B
- 10) A

Fill in the blanks:

- 11) Limited liability company
- 12) macro economics
- 13) business
- 14) demand pull
- 15) complementary
- 16) point elasticity of demand
- 17) $e(p) = \frac{dQ/Q}{dP/P}$
- 18) technological
- 19) Supply function
- 20) four

Sri Indu Institute of Engineering & Technology

Sheriguda (V), Ibrahimpatnam (M), R.R.Dist-501 510

B-Tech II - Mid Examinations, JAN-2023

Year & Branch: III -ECE-A, B&C

Date: 12 /01/23 (FN)

Subject: BEFA

ANSWER KEY

Descriptive paper key link:

https://docs.google.com/document/d/1eRXXRVEsc0GYiafQN6vd5bnuB-IMNiW-L/edit?usp=drive_link&oid=116051710862202242536&rtpof=true&sd=true

Objective/Quiz Key Paper

Key Paper BEFA:

1. C
2. B
3. D
4. D
5. C
6. C
7. D
8. D
9. A
10. B

Fill in the blanks:-

1. Discriminatory pricing & Differential pricing
2. Price=MC=AC
3. Record all business transactions of monetary nature
4. Assets = Liabilities + Capital
5. Total Assets
6. Business transaction
7. Liquid ratio, inventory
8. Liquidity
9. Cost of goods purchased and cost of average inventory
10. Equity share capital + Preference share capital + Revenues and Surplus



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(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)

Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510

Website: <https://siiet.ac.in/>

ASSIGNMENT- 1 SUBJECT: BUSINESS ECONOMICS AND FINANCIAL ANALYSIS

1] Explain business economics .write the nature & scope of business economics. C314.1

(Knowledge)

2] What is Joint Stock Company? Discuss the source of capital required by a joint stock company. C314.1 (Analysis)

3] What is a business cycle? Discuss the phases of business cycle? C314.1 (Evaluate)

4] Write the determinants of demand? C314.2 (synthesis)

5] Explain the types elasticity of demand? C314.2 (Analysis)



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ASSIGNMENT- 2

SUBJECT: BEFA

1. Explain Production function and difference types of production function?
C314.3(Analysis)
2. Describe the advantages of double entry system of book keeping? C314.4(Knowledge)
3. Illustrate the accounting concepts and conventions? C314.4(Application)
4. Differentiate cash flow and fund flow C314.5(Comprehension)
5. Explain liquidity and profitability ratios? C314.5(Evaluation)



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TUTORIAL TOPICS

SUBJECT: BUSINESS ECONOMICS & FINANCIAL ANALYSIS

| S.NO | Unit | TOPIC | Number of Sessions Planned | Teaching method/Aids |
|------|------|--|----------------------------|----------------------|
| 1. | 1 | What are the different types of business entites?explain | 1 | BB |
| 2. | | What is national income ?explain the concepts of national income | 1 | BB |
| 3. | 2 | Explain the law of demand with assumptions? | 1 | BB |
| 4. | | Explain different methods of demand forecasting? | 1 | BB |

| | | | | |
|-----|---|--|---|----|
| 5. | 3 | Explain the features of perfect competitive market?. | 1 | BB |
| 6. | | What are the objectives of pricing? | 1 | BB |
| 7. | 4 | .what are accounting concepts ?discuss any 3 accounting concepts in detail | 1 | BB |
| 8. | | Explain how a ledger account can be maintained | 1 | BB |
| 9. | 5 | Explain the classification of ratio analysis? | 1 | BB |
| 10. | | Describe the various types of profitability ratios? | 1 | BB |



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Website: <https://siiet.ac.in/>

| | |
|-----------------|---|
| Course Title | business economics and financial analysis |
| Course Code | SM504MS |
| Programme | B.Tech |
| Year & Semester | III year I-semester, A sec |
| Regulation | R18 |
| Course Faculty | T.K.VENKATA NAGAMANI Assistant Professor, ECE |

Slow learners:

| S No | Roll no | No of backlogs | Internal-I Status | Internal-II Status |
|------|------------|----------------|-------------------|--------------------|
| 1 | 20X31A0401 | 4 | 20 | 20 |
| 2 | 20X31A0403 | 5 | 15 | 14 |
| 3 | 20X31A0406 | 4 | 17 | 21 |
| 4 | 20X31A0407 | 3 | 20 | 19 |
| 5 | 20X31A0408 | 3 | 16 | 19 |
| 6 | 20X31A0410 | 5 | 19 | 18 |
| 7 | 20X31A0411 | 4 | 18 | 21 |
| 8 | 20X31A0412 | 5 | 14 | 15 |
| 9 | 20X31A0413 | 4 | 14 | 21 |
| 10 | 20X31A0418 | 8 | 14 | 14 |
| 11 | 20X31A0419 | 4 | 17 | 20 |
| 12 | 20X31A0423 | 3 | 23 | 21 |
| 13 | 20X31A0427 | 3 | 21 | 18 |
| 14 | 20X31A0428 | 4 | 23 | 22 |
| 15 | 20X31A0430 | 4 | 24 | 23 |
| 16 | 20X31A0431 | 5 | 24 | 17 |
| 17 | 20X31A0433 | 3 | 20 | 17 |

| | | | | |
|----|------------|---|----|----|
| 18 | 20X31A0435 | 3 | 16 | 18 |
| 19 | 20X31A0436 | 5 | 19 | 19 |
| 20 | 20X31A0440 | 4 | 20 | 22 |
| 22 | 20X31A0445 | 4 | 23 | 21 |
| 23 | 20X31A0447 | 3 | 22 | 22 |
| 24 | 20X31A0450 | 4 | 22 | 22 |
| 25 | 20X31A0453 | 4 | 18 | 21 |
| 26 | 20X31A0454 | 5 | 14 | 20 |
| 27 | 20X31A0455 | 4 | 18 | 21 |
| 28 | 20X31A0456 | 5 | 14 | 21 |
| 30 | 20X31A0458 | 3 | 21 | 20 |
| 31 | 20X31A0462 | 3 | 21 | 22 |

Advanced learners:

| S.NO | ROLL.NO. | |
|------|------------|--|
| 1 | 20X31A0404 | <p style="text-align: center;">REFERENCE BOOKS:</p> <p>1. Paresh Shah, Financial Accounting for Management 2e, Oxford Press, 2015.</p> <p>2. S. N. Maheshwari, Sunil K Maheshwari, Sharad K Maheshwari, Financial Accounting, 5e, Vikas Publications, 2013.</p> |
| 2 | 20X31A0409 | |
| 3 | 20X31A0415 | |
| 4 | 20X31A0416 | |
| 5 | 20X31A0420 | |
| 6 | 20X31A0421 | |
| 7 | 20X31A0422 | |
| 8 | 20X31A0425 | |
| 9 | 20X31A0432 | |
| 10 | 20X31A0434 | |
| 11 | 20X31A0437 | |
| 12 | 20X31A0438 | |
| 13 | 20X31A0439 | |
| 14 | 20X31A0442 | |

| | | |
|----|------------|--|
| 15 | 20X31A0444 | |
| 16 | 20X31A0449 | |
| 17 | 20X31A0452 | |
| 18 | 20X31A0459 | |
| 19 | 20X31A0460 | |



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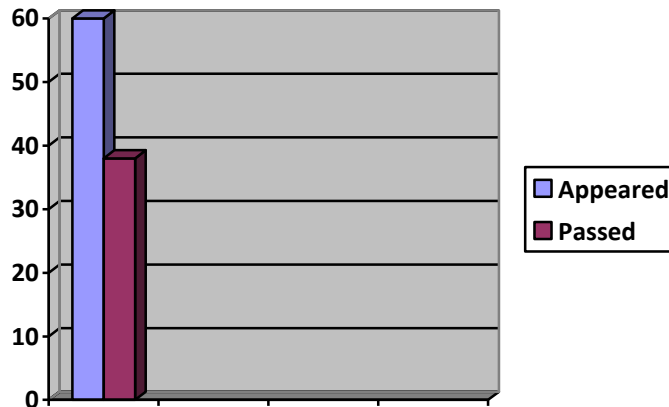
Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510

Website: <https://siiet.ac.in/>

BATCH ECE-III BTECH I SEM ECE-A RESULT ANALYSIS

| ACADAMIC YEAR | COURSE NAME | NUMBER OF STUDENTS | | QUESTION PAPER SETTING | | PASS% |
|---------------|---|--------------------|--------|------------------------|----------|-------|
| | | APPEARED | PASSED | INTERNAL | EXTERNAL | |
| 2022-23 | Business economics and financial analysis | 60 | 38 | COURSE FACULTY | JNTUH | 63 |

BUSINESS ECONOMICS AND FINANCIAL ANALYSIS (C314) RESULT ANALYSIS





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Website: <https://siiet.ac.in/>


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING REMEDIAL CLASSES TIME TABLE

A.Y 2022-23

SEMESTER-I

| BRANCH/ SEC | MON 4.00 PM- 5.00 PM | TUE 4.00 PM-5.00 PM | WED 4.00 PM- 5.00 PM | THUR 4.00 PM- 5.00 PM | FRI 4.00 PM- 5.00 PM |
|----------------|----------------------------|---------------------------|----------------------------|-----------------------------|----------------------------|
| II ECE-A | EDC | NATL | DSD | PTSP | SS |
| II ECE-B | NATL | DSD | PTSP | SS | EDC |
| III ECE-A | MPMC | DCCN | CS | BEFA | EMI |
| III ECE-B | DCCN | CS | BEFA | EMI | MPMC |
| III ECE-C | CS | BEFA | EMI | MPMC | DCCN |
| IV ECE-A | MW&OC | DIP | PPL | NS&C | JAVA |
| IV ECE-B | DIP | PPL | NS&C | JAVA | MW&OC |
| IV ECE-C | PPL | NS&C | JAVA | MW&OC | DIP |


HOD
Head of the Department
Electronics and Communication Engg. Dept.
SRI INDU INSTITUTE OF ENGG & TECH,
Sheriguda(V), Ibrahimpatnam(M), R.R.Dist-501 510.


PRINCIPAL
Sri Indu Institute of Engineering & Tech.
Sheriguda(Vill), Ibrahimpatnam,
R R Dist Telangana -501 510



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

Course Outcome Attainment (Internal Examination-1)

| | | | |
|-------------------|-------------|----------------|-------------|
| Name of the | T.K.V | Academic Year: | 2022-23 |
| faculty :Branch & | NAGAMANIECE | Examination: | I |
| Section: Course | - A | Internal | |
| Name: | BEFA | Year: III | Semester: I |

| S.N | HT No. | Q1a | Q1b | Q2a | Q2b | Q3a | Q3b | Q4a | Q4b | Obj1 | A1 |
|--------------------------|------------|----------|-----|----------|-----|----------|-----|----------|-----|-----------|----------|
| Max. Marks ==> | | 5 | | 5 | | 5 | | 5 | | 10 | 5 |
| 1 | 20X31A0401 | 5 | | | | | | 3 | | 10 | 5 |
| 2 | 20X31A0402 | 5 | | | | | | | | 10 | 5 |
| 3 | 20X31A0403 | 5 | | | | | | | | 4 | 5 |
| 4 | 20X31A0404 | 5 | | | | | | | | 10 | 5 |
| 5 | 20X31A0405 | 5 | | | | | | 3 | | 10 | 5 |
| 6 | 20X31A0406 | 5 | | | | | | 4 | | 10 | 5 |
| 7 | 20X31A0407 | 3 | | 5 | | | | | | 10 | 5 |
| 8 | 20X31A0408 | 5 | | 3 | | | | | | 10 | 5 |
| 9 | 20X31A0409 | 5 | | 5 | | | | | | 10 | 5 |
| 10 | 20X31A0410 | 5 | | | | | | | | 10 | 5 |
| 11 | 20X31A0411 | 5 | | | | | | 2 | | 10 | 5 |
| 12 | 20X31A0412 | 3 | | 3 | | | | | | 10 | 5 |
| 13 | 20X31A0413 | | | 5 | | | | 5 | | 10 | 5 |
| 14 | 20X31A0414 | 5 | | | | | | 4 | | 10 | 5 |
| 15 | 20X31A0415 | 5 | | | | | | 5 | | 9 | 5 |
| 16 | 20X31A0416 | 5 | | | | | | | | 10 | 5 |
| 17 | 20X31A0417 | 4 | | | | | | 5 | | 10 | 5 |
| 18 | 20X31A0418 | | | | | | | 5 | | 5 | 5 |
| 19 | 20X31A0419 | 5 | | | | | | 3 | | 10 | 5 |
| 20 | 20X31A0420 | 3 | | | | | | 3 | | 10 | 5 |
| 21 | 20X31A0421 | 3 | | | | | | 4 | | 10 | 5 |
| 22 | 20X31A0422 | | | 4 | | | | 5 | | 10 | 5 |
| 23 | 20X31A0423 | | | 4 | | | | 4 | | 10 | 5 |
| 24 | 20X31A0424 | 5 | | | | | | 4 | | 10 | 5 |
| 25 | 20X31A0425 | 5 | | | | | | 4 | | 10 | 5 |
| 26 | 20X31A0426 | 4 | | 4 | | | | | | 10 | 5 |
| 27 | 20X31A0427 | | | 3 | | | | 2 | | 10 | 5 |
| 28 | 20X31A0428 | 4 | | 4 | | | | | | 10 | 5 |
| 29 | 20X31A0429 | 5 | | | | | | 4 | | 10 | 5 |
| 30 | 20X31A0430 | 5 | | | | | | 4 | | 10 | 5 |
| 31 | 20X31A0431 | 5 | | | | | | 4 | | 10 | 5 |
| 32 | 20X31A0432 | 5 | | | | | | 4 | | 10 | 5 |
| 33 | 20X31A0433 | 3 | | | | | | 4 | | 10 | 5 |
| 34 | 20X31A0434 | 5 | | | | | | 4 | | 10 | 5 |
| 35 | 20X31A0435 | 3 | | 3 | | | | | | 10 | 5 |
| 36 | 20X31A0436 | 4 | | 5 | | | | | | 10 | 5 |
| 37 | 20X31A0437 | | | 5 | | 4 | | | | 10 | 5 |
| 38 | 20X31A0438 | | | 4 | | | | 5 | | 10 | 5 |
| 39 | 20X31A0439 | 5 | | | | 3 | | | | 10 | 5 |

| CO | Subj | obj | Asgn | Overall | Level |
|------|------|-----|------|---------|-------|
| CO-1 | 98% | 95% | 100% | 98% | 3.00 |
| CO-2 | 67% | 95% | 100% | 87% | 3.00 |
| CO-3 | | 95% | 100% | 98% | 3.00 |

| Attainment Level | |
|------------------|-----|
| 1 | 40% |
| 2 | 50% |
| 3 | 60% |

Attainment (Internal 1 Examination) =

3.00

Faculty Signature



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

Course Outcome Attainment (Internal Examination-2)

Name of the faculty : **T.K.V NAGAMANIECE**
 Branch & Section: Course - A
 Name: **BEFA**

Academic Year: 2022-23
 Examination: II Internal
 Year: III Semester: I

| S.No | HT No. | Q1a | Q1b | Q2a | Q2b | Q3a | Q3b | Q4a | Q4b | Obj2 | A2 |
|----------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|------|----|
| Max. Marks ==> | | 3 | 2 | 5 | | 5 | | 5 | | 10 | 5 |
| 1 | 20X31A0401 | | | | | 4 | | 4 | | 7 | 5 |
| 2 | 20X31A0402 | | | | | 5 | | 5 | | 9 | 5 |
| 3 | 20X31A0403 | | | | | | | | | 9 | 5 |
| 4 | 20X31A0404 | | | | | 4 | | | | 8 | 5 |
| 5 | 20X31A0405 | | | 4 | | | | 4 | | 8 | 5 |
| 6 | 20X31A0406 | 2 | | | | 4 | | | | 8 | 5 |
| 7 | 20X31A0407 | 2 | | | | 4 | | | | 8 | 5 |
| 8 | 20X31A0408 | 2 | | | | | | 4 | | 8 | 5 |
| 9 | 20X31A0409 | | | | | 5 | | 5 | | 8 | 5 |
| 10 | 20X31A0410 | 2 | | | | | | 4 | | 7 | 5 |
| 11 | 20X31A0411 | | | | | 5 | | 3 | | 8 | 5 |
| 12 | 20X31A0412 | | | | | 2 | | 2 | | 6 | 5 |
| 13 | 20X31A0413 | 3 | | | | 5 | | | | 8 | 5 |
| 14 | 20X31A0414 | 3 | | | | 4 | | | | 8 | 5 |
| 15 | 20X31A0415 | | | | | 4 | | 5 | | 9 | 5 |
| 16 | 20X31A0416 | 3 | | | | | | 5 | | 9 | 5 |
| 17 | 20X31A0417 | | | | | 5 | | 4 | | 8 | 5 |
| 18 | 20X31A0418 | | | | | | | | | 9 | 5 |
| 19 | 20X31A0419 | 3 | | | | | | 4 | | 7 | 5 |
| 20 | 20X31A0420 | 3 | | | | 5 | | | | 8 | 5 |
| 21 | 20X31A0421 | | | | | 1 | | 5 | | 9 | 5 |
| 22 | 20X31A0422 | | | | | 5 | | 4 | | 9 | 5 |
| 23 | 20X31A0423 | | | | | 3 | | 4 | | 9 | 5 |
| 24 | 20X31A0424 | | | | | 3 | | 5 | | 9 | 5 |
| 25 | 20X31A0425 | | | | | 3 | | 4 | | 9 | 5 |
| 26 | 20X31A0426 | | | | | | | | | 9 | 5 |
| 27 | 20X31A0427 | | | | | | | 4 | | 9 | 5 |
| 28 | 20X31A0428 | | | 4 | | | | 4 | | 9 | 5 |
| 29 | 20X31A0429 | | | 3 | | | | 4 | | 9 | 5 |
| 30 | 20X31A0430 | | | | | 5 | | 4 | | 9 | 5 |
| 31 | 20X31A0431 | | | | | 1 | | 3 | | 8 | 5 |
| 32 | 20X31A0432 | | | | | 5 | | 5 | | 9 | 5 |
| 33 | 20X31A0433 | | | 5 | | | | | | 7 | 5 |
| 34 | 20X31A0434 | | | | | 5 | | 5 | | 9 | 5 |
| 35 | 20X31A0435 | 3 | | | | 4 | | | | 6 | 5 |
| 36 | 20X31A0436 | 3 | | | | 5 | | | | 6 | 5 |
| 37 | 20X31A0437 | 3 | 2 | | | | | 5 | | 9 | 5 |
| 38 | 20X31A0438 | | | | | 5 | | 5 | | 9 | 5 |
| 39 | 20X31A0439 | | | | | 5 | | 5 | | 9 | 5 |
| 40 | 20X31A0440 | | | 4 | | | | 4 | | 9 | 5 |
| 41 | 20X31A0441 | | | | | 3 | | 4 | | 9 | 5 |
| 42 | 20X31A0442 | | | | | 5 | | 4 | | 9 | 5 |
| 43 | 20X31A0444 | | | | | 5 | | 5 | | 9 | 5 |
| 44 | 20X31A0445 | 3 | | | | 4 | | | | 9 | 5 |

| | | | | | | | | | | | |
|--|------------|------|------|------|------|------|------|------|------|------|------|
| 45 | 20X31A0446 | 3 | | | | 4 | | | | 9 | 5 |
| 46 | 20X31A0447 | 3 | | | | 4 | | | | 8 | 5 |
| 47 | 20X31A0448 | 3 | 1 | | | 4 | | | | 9 | 5 |
| 48 | 20X31A0449 | | | | | 5 | | 5 | | 9 | 5 |
| 49 | 20X31A0450 | | | | | 4 | | 4 | | 9 | 5 |
| 50 | 20X31A0451 | | | | | 5 | | 4 | | 9 | 5 |
| 51 | 20X31A0452 | | | | | 5 | | 5 | | 9 | 5 |
| 52 | 20X31A0453 | | | | | 4 | | 4 | | 8 | 5 |
| 53 | 20X31A0454 | | | | | 4 | | 4 | | 7 | 5 |
| 54 | 20X31A0455 | | | | | 4 | | 4 | | 8 | 5 |
| 55 | 20X31A0456 | | | | | 4 | | 4 | | 8 | 5 |
| 56 | 20X31A0458 | | | | | 3 | | 4 | | 8 | 5 |
| 57 | 20X31A0459 | | | | | 5 | | 5 | | 9 | 5 |
| 58 | 20X31A0460 | | | | | 4 | | 4 | | 9 | 5 |
| 59 | 20X31A0461 | | | | | 4 | | 5 | | 9 | 5 |
| 60 | 20X31A0462 | | | | | 4 | | 4 | | 9 | 5 |
| Target set by the faculty / HoD | | 1.80 | 1.20 | 3.00 | 0.00 | 3.00 | 0.00 | 3.00 | 0.00 | 6.00 | 3.00 |
| Number of students performed above the target | | 16 | 1 | 5 | 0 | 43 | 0 | 43 | 0 | 60 | 60 |
| Number of students attempted | | 16 | 2 | 5 | 0 | 46 | 0 | 44 | 0 | 60 | 60 |
| Percentage of students scored more than target | | 100% | 50% | 100% | | 93% | | 98% | | 100% | 100% |

CO Mapping with Exam Questions:

| | | | | | | | | | | | |
|--------|---|---|---|--|--|---|--|---|---|---|---|
| CO - 1 | | | | | | | | | | | |
| CO - 2 | | | | | | | | | | | |
| CO - 3 | | Y | | | | | | | Y | Y | |
| CO - 4 | Y | | | | | | | | Y | Y | |
| CO - 5 | | | Y | | | | | | Y | Y | |
| CO - 6 | | | | | | Y | | Y | | Y | Y |

CO Attainment based on Exam Questions:

| | | | | | | | | | | | |
|--------|------|-----|------|--|--|-----|--|-----|--|------|------|
| CO - 1 | | | | | | | | | | | |
| CO - 2 | | | | | | | | | | | |
| CO - 3 | | 50% | | | | | | | | 100% | 100% |
| CO - 4 | 100% | | | | | | | | | 100% | 100% |
| CO - 5 | | | 100% | | | | | | | 100% | 100% |
| CO - 6 | | | | | | 93% | | 98% | | 100% | 100% |

| CO | Subj | obj | Asgn | Overall | Level |
|------|------|------|------|---------|-------|
| CO-1 | | | | | |
| CO-2 | | | | | |
| CO-3 | 50% | 100% | 100% | 83% | 3.00 |
| CO-4 | 100% | 100% | 100% | 100% | 3.00 |
| CO-5 | 100% | 100% | 100% | 100% | 3.00 |
| CO-6 | 96% | 100% | 100% | 99% | 3.00 |

| Attainment Level | |
|------------------|-----|
| 1 | 40% |
| 2 | 50% |
| 3 | 60% |

Attainment (Internal Examination-2) =

3.00

Faculty Signature

SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

Course Outcome Attainment (University Examinations)



Name of the faculty T.K.V NAGAMANI

Academic Year:

2022-

:

23

Branch & Section: ECE - A

Year / Semester:

III / I

Course Name: BEFA

| S.No | Roll Number | Marks Secured |
|------|-------------|---------------|
| 1 | 20X31A0401 | 18 |
| 2 | 20X31A0402 | 26 |
| 3 | 20X31A0403 | 0 |
| 4 | 20X31A0404 | 32 |
| 5 | 20X31A0405 | 30 |
| 6 | 20X31A0406 | 13 |
| 7 | 20X31A0407 | 32 |
| 8 | 20X31A0408 | 26 |
| 9 | 20X31A0409 | 30 |
| 10 | 20X31A0410 | 3 |
| 11 | 20X31A0411 | 11 |
| 12 | 20X31A0412 | 1 |
| 13 | 20X31A0413 | 11 |
| 14 | 20X31A0414 | 35 |
| 15 | 20X31A0415 | 39 |
| 16 | 20X31A0416 | 26 |
| 17 | 20X31A0417 | 34 |
| 18 | 20X31A0418 | 0 |
| 19 | 20X31A0419 | 28 |
| 20 | 20X31A0420 | 26 |
| 21 | 20X31A0421 | 34 |
| 22 | 20X31A0422 | 31 |
| 23 | 20X31A0423 | 15 |
| 24 | 20X31A0424 | 30 |
| 25 | 20X31A0425 | 31 |
| 26 | 20X31A0426 | 26 |
| 27 | 20X31A0427 | 26 |
| 28 | 20X31A0428 | 26 |
| 29 | 20X31A0429 | 31 |
| 30 | 20X31A0430 | 26 |
| 31 | 20X31A0431 | 19 |
| 32 | 20X31A0432 | 32 |
| 33 | 20X31A0433 | 11 |
| 34 | 20X31A0434 | 26 |
| 35 | 20X31A0435 | 7 |

| S.No | Roll Number | Marks Secured |
|------|-------------|---------------|
| 36 | 20X31A0436 | 6 |
| 37 | 20X31A0437 | 26 |
| 38 | 20X31A0438 | 44 |
| 39 | 20X31A0439 | 45 |
| 40 | 20X31A0440 | 16 |
| 41 | 20X31A0441 | 17 |
| 42 | 20X31A0442 | 39 |
| 43 | 20X31A0444 | 43 |
| 44 | 20X31A0445 | 26 |
| 45 | 20X31A0446 | 30 |
| 46 | 20X31A0447 | 26 |
| 47 | 20X31A0448 | 26 |
| 48 | 20X31A0449 | 43 |
| 49 | 20X31A0450 | 8 |
| 50 | 20X31A0451 | 35 |
| 51 | 20X31A0452 | 46 |
| 52 | 20X31A0453 | 10 |
| 53 | 20X31A0454 | 4 |
| 54 | 20X31A0455 | 0 |
| 55 | 20X31A0456 | 0 |
| 56 | 20X31A0458 | 18 |
| 57 | 20X31A0459 | 40 |
| 58 | 20X31A0460 | 30 |
| 59 | 20X31A0461 | 19 |
| 60 | 20X31A0462 | 26 |

| | | | |
|---|----|-------------------------|-------------------|
| Max Marks | 75 | | |
| Class Average mark | 24 | Attainment Level | % students |
| Number of students performed above the target | 38 | 1 | 40% |
| Number of successful students | 60 | 2 | 50% |

| | |
|--|----------|
| Percentage of students scored more than target | 63% |
| Attainment level | 3 |

| | |
|---|-----|
| 3 | 60% |
|---|-----|



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electronics and Communication Engineering

Course Outcome Attainment

Name of the faculty: T.K.V
Branch & Section: NAGAMANIECE - A
Name: BEFA

Academic Year: 2022-23
Examination: I
Internal Year: III
Semester: I

| Course Outcomes | 1st Internal Exam | 2nd Internal Exam | Internal Exam | University Exam | Attainment Level |
|--|-------------------|-------------------|---------------|-----------------|------------------|
| CO1 | 3.00 | | 3.00 | 3.00 | 3.00 |
| CO2 | 3.00 | | 3.00 | 3.00 | 3.00 |
| CO3 | 3.00 | 3.00 | 3.00 | 3.00 | 3.00 |
| CO4 | | 3.00 | 3.00 | 3.00 | 3.00 |
| Overall course attainment level CO5 | | 3.00 | 3.00 | 3.00 | 3.00 |
| CO6 | | 3.00 | 3.00 | 3.00 | 3.00 |
| Internal & University Attainment: | | | 3.00 | 3.00 | 3.00 |
| Weightage | | | 25% | 75% | |
| CO Attainment for the course (Internal, University) | | | 0.75 | 2.25 | |
| CO Attainment for the course (Direct Method) | | | 3.00 | | |

Faculty Signature



SRI INDU INSTITUTE OF ENGINEERING & TECHNOLOGY

Department of Electronics and Communication Engineering

Program Outcome Attainment (from Course)

Faculty: T.K.V NAGAMANI Academic Year: 2022-23
 Branch & Section: ECE - A Year: III
 Course Name: BEFA Semester: I

CO-PO mapping

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
|---------------|------------|------------|----------|----------|-----|----------|----------|----------|-----|----------|----------|------|------|------|
| CO1 | 3 | - | - | - | - | 2 | - | - | - | - | - | - | - | - |
| CO2 | - | 3 | 1 | - | - | - | - | - | - | 2 | - | - | - | - |
| CO3 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| CO4 | 3 | - | - | 2 | - | - | - | 2 | - | - | 2 | - | - | - |
| CO5 | 2 | 3 | - | - | - | - | - | - | - | - | - | - | - | - |
| CO6 | 3 | 2 | - | - | - | - | 2 | - | - | - | - | - | - | - |
| Course | 2.6 | 2.7 | 1 | 2 | | 2 | 2 | 2 | | 2 | 2 | | | |

| CO | Course Outcome Attainment |
|--|---------------------------|
| CO1 | 3.00 |
| CO2 | 3.00 |
| CO3 | 3.00 |
| CO4 | 3.00 |
| CO5 | 3.00 |
| CO6 | 3.00 |
| Overall course attainment level | 3.00 |

PO-ATTAINMENT

| | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PO12 | PSO1 | PSO2 |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| CO Attainment | 2.6 | 2.7 | 1 | 2 | | 2 | 2 | 2 | | 2 | 2 | | | |

CO contribution to PO - 33%, 67%, 100% (Level 1/2/3)

Faculty Signature



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

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(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)

Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana – 501 510

Website: <https://siiet.ac.in/>

ASSIGNMENTS AND REGISTERS

Assignment 1 script link:

https://drive.google.com/file/d/12CE1gKqWZYXlbY-ZfN6cifTKBY76DvzG/view?usp=drive_link

Assignment 2 script link:

https://drive.google.com/file/d/1ws5L2G2meDMS3c-LTIXdO8gXnCoMg43w/view?usp=drive_link

Attendance register link:

https://drive.google.com/file/d/1H64Jb_oewXh0SsOfv9KQJJZJGIXRjj9j/view?usp=drive_link