

GURU NANAK DEV ENGINEERING COLLEGE, LUDHIANA
(Academic Section)

No. AS/81/2136

Dated: 06/08/2025

All HoDs (Except B.Voc. (ID))

Please Find enclosed the syllabus of Courses 'Business Essentials for Engineers' and 'Indian Constitution' applicable for B.Tech. (Scheme-2024).

This is for your information.

May 06/08/25
Assistant Registrar (Academics)
[Signature]

Copy to :

1. Dean Academics for information
2. Office copy

Enclosed : Syllabi of above mentioned courses

Scan / File in BOS / g. ss to keep record in soft copy.
[Signature]

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Course Code: HSMC103

Course Title: Business Essentials for Engineers

Program: B.Tech.	L: 2 T: 0 P: 0	Credits: 2
Semester: 3/4Sem	Theory/Practical: Theory	Teaching Hours: 30 hrs
Total Max. Marks: 100	Continuous Assessment (CA) Marks: 40	End Semester Examination (ESE) Marks: 60
Minimum Percentage of Numerical / Design / Programming Problems in ESE: NIL		
Duration of End Semester Examination (ESE): 3 hours		
Course Type: Core Course		

Prerequisites: NIL

Additional Material required in ESE: NIL

On completion of the course, the student will have the ability to:

CO#	Course Outcomes
1	Introduce engineering students to the fundamentals of business and management.
2	Provide an understanding of core functional areas like finance, HRM, and marketing.
3	Equip students with practical business knowledge that complements technical skills.
4	Enable students to understand the interdisciplinary nature of business in the Indian context.
5	Prepare students for managerial roles or entrepreneurial ventures.

Contents

PART-A

UNIT-I

7(L) Hrs

Business Landscape: Understanding the Indian Business System, Business Environment and Its Dynamic Nature, (Macro and Micro), Forms of business organizations in India, Introduction to management Functions and level, Business Ethics and Responsibility, need and scope. Business in Global Context.

UNIT-II

8(L) Hrs

Building and Leading Teams: Managing the Business Enterprise and its resources, Managing Human Resources, Recruiting and training the workforce, Motivating, Satisfying and Leading Employees, Human Resource Management: Meaning, importance and functions, Performance appraisal and compensation. Career development of the employees.

PART-B

UNIT-III

7(L) Hrs

Financial Foundations: Understanding Basic accounting principles and financial statements, Time value of money and its applications, Costing and budgeting: Basic concepts, Sources of finance for startups and Small and Medium Enterprises, Money and banking, Financial Decisions, Sources of finance and associated risks, basic concepts of Investments.

UNIT-IV

8(L) Hrs

Marketing Strategies: Marketing Fundamentals, Developing Products (Nature and types of products), Branding and its importance, Marketing mix, nature and its scope. Pricing methods, Promotion and Product distribution. Emerging concepts in marketing, Marketing research and analytics.

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Text Books

1. Dr. C.B. Gupta, "Business Organisation and Management", 20th Edition, Sultan Chand & Sons, 2022.
2. I.M. Pandey, "Financial Management", 12th Edition, Vikas Publishing, 2021
3. Philip Kotler & Kevin Lane Keller, "Marketing Management", 15th Global Edition, Pearson Education, 2022.

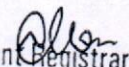
Reference Books

1. Ebert and Griffin, "Business Essentials", 12th edition, Pearson, 2018.

Online Learning Materials

https://archive.org/details/isbn_9780132664097/page/n9/mode/2up

Accessed on 2nd May, 2025


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Course Code: MC101

Course Title: Indian Constitution

Programme: B.Tech.	L: 2 T: 0 P: 0	Credits: 0
Semester: 3/4	Theory/Practical: Theory	Teaching Hours: 30 hrs
Total Max. Marks: 50	Continuous Assessment (CA) Marks: 50	End Semester Examination (ESE) Marks: NA
Minimum Percentage of Numerical / Design / Programming Problems in ESE: Nil		
Duration of End Semester Examination (ESE): NA		
Course Type: Core Course		

Prerequisites: NIL

Additional Material required in ESE: NIL

On completion of the course, the student will have the ability to:

CO#	Course Outcomes
1	Acquaint with legacies of constitutional development in India and help those to understand the most diversified legal document of India and Philosophy behind it.
2	Explain the Preamble & Directive principles of State Policy.
3	Recognize Fundamental Rights and duties.
4	Describe the structure of the Union Government and outline the role of President, Vice President, Prime Minister and Council of Ministers.
5	Describe the structure of State Government and analyze the role of Governor and Chief Minister, Election Commissioner.
6	Comprehend emergency provision as well as the latest amendments of the Constitution.

Contents

Unit 1: Introduction

4(L) hrs

Evolution and historical background of the Indian Constitution, Salient features of the Indian Constitution, The Preamble: Philosophy and significance

Unit 2: Rights & Duties

6(L) hrs

Fundamental Rights: Overview of six fundamental rights (Article 12 to 35), Right to Education (Article 21A), Right to Constitutional Remedies (Article 32), Directive Principles of State Policy: Meaning, classification, and significance, Fundamental Duties: Eleven duties enshrined in Article 51A

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Unit 3: Executive and Legislative Structures

5(L) hrs

Union Executive: President, Vice-President, Prime Minister, and Council of Ministers – Powers and functions, **State Executive:** Governor, Chief Minister, and Council of Ministers – Powers and functions, Administrative relations between the Union and the States

Unit 4: Parliament and State Legislatures

5(L) hrs

Union Legislature: Lok Sabha and Rajya Sabha – Composition, Eligibility, duration, and functions, **State Legislature:** Vidhan Sabha and Vidhan Parishad – Composition, Eligibility, duration, and functions, Legislative relations between Union and States

Unit 5: Judiciary System in India

5(L) hrs

Supreme Court of India: Composition, jurisdiction, and powers, **High Courts:** Composition, jurisdiction, and powers

Unit 6: Emergency and Amendment Provisions

5(L) hrs

Types of Emergencies: National, State (President's Rule), and Financial Emergency – Conditions, process, and impact, Amendment of the Constitution: Procedure under Article 368 and significance

Text Books

1. Durga Das Basu, "Introduction to The Constitution of India", 26th Edition, Lexis Nexis, 2022.
2. M. Laxmikanth, "Indian Polity", Standard Edition, McGraw Hill, 2023.
3. Subhash C Kashyap, "Our Constitution: An Introduction to India's Constitution and Constitutional Law", 27th Edition, Lexis Nexis 2024
4. J.N. Pandey, "Constitutional Law of India", 6th Edition, Central Law Agency, 2024.

Reference Books

1. D.C. Gupta, "Indian Government and Politics", 8th Edition, Vikas Publishing, 2018.
2. H.M. Seervai, "Constitutional Law of India", 4th Edition, Law & Justice Publishing, 2021.
3. V.N. Shukla, Constitution of India, 10th Edition, Eastern Book Company, 2006.
4. Bare Act – *The Constitution of India*

Online Learning Materials

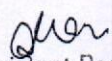
1. https://mrcet.com/downloads/digital_notes/EEE/24082023/INDIAN%20CONSTITUTION%20DIGITAL%20NOTES.pdf Accessed on June 11, 2025
2. https://www.kpscvaani.com/media/study_materials/Indian%20Constitution/Indian%20Constitution/Indian_Constitution_r8nYyhV.pdf Accessed on June 11, 2025

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Supplementary SWAYAM Course

Sr. No.	Course Name	Instructor	Host Institute	URL
1	Constitutional Studies	Prof. Sudhir Krishnaswamy	National Law School of India University	https://onlinecourses.nptel.ac.in/noc20_lw03/preview
2	Constitution Law and Public Administration in India	Prof. Sairam Bhat	IIT Madras	https://nptel.ac.in/courses/129106411
3	Directive Principles of State Policy and Fundamental Duties: Constitutional Imperative	Prof. Uday Shankar	IIT Kharagpur	https://nptel.ac.in/courses/129105608


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