



DIPLOMA WING

**RAJIV GANDHI PROUDYOGIKI VISHWAVIDYALAYA, BHOPAL**

SCHEME OF STUDIES & EXAMINATIONS ( IMPLEMENTED FROM SESSION : JULY 2023)

SCHEME
OCBC JULY 2022/2023

NAME OF BRANCH
ET & TELECOMMUNICATION

BRANCH CODE
E03

SEMESTER
SIXTH (VI)

S.N.	PAPER CODE	SUBJECT CODE	SUBJECT NAME	THEORY COMPONENT							PRACTICAL COMPONENT					TOTAL CREDITS	TOTAL MARKS	
				HRS PER WEEK	CREDITS	TERM WORK			THEORY PAPER		HRS PER WEEK	CREDITS	LAB WORK	PRACTICAL EXAM/VIVA				
						QUIZ/ASSIGNMENT	MID TERM TEST*		TOTAL	MARKS				DURATION	MARKS			DURATION
							I	II										
1	7386	601	ENTREPRENEURSHIP & START-UPS	4	4	10	10	10	30	70	03 Hrs.	0	0	0	0	0	4	100
2	7472	602	COMPU. NET. & DATA COMM.	7	7	10	10	10	30	70	03 Hrs.	6	3	20	30	3 Hrs.	10	150
3	7605	611	ARTIFICIAL INTELLIGENCE OR	3	3	10	10	10	30	70	03 Hrs.	0	0	0	0	0	3	100
	7607	612	PRODUCT DESIGN															
4	7609	621	MECHATRONICS OR	3	3	10	10	10	30	70	03 Hrs.	0	0	0	0	0	3	100
	7611	622	INDUSTRIAL ROBOTS															
5			INDIAN CONSTITUTION	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6			MAJOR PROJECT **	0	0	0	0	0	0	0	0	6	4	100	50	03 Hrs.	4	150
7			SEMINAR ***	3	1	50	0	0	50	0	0	0	0	0	0	0	1	50
8			LIBRARY/VISITS etc.	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
TOTAL				22	18				170	280		14	7	120	80		25	650

- NOTE -**
- (1)\* Two Best, out of Three Mid Term Tests (Progressive Tests) Marks should be entered here.
  - (2)\*\* One Credit is carried forward from the Vth semester major project evaluation.
  - (3)\*\*\* One Hour Time duration for each student.

GRAND TOTAL OF CREDITS
25

GRAND TOTAL OF MARKS
650



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**DIPLOMA IN ET. & TELECOMMUNICATION ENGINEERING (E03)**  
**SEMESTER VI**

COURSE TITLE	:	ENTREPRENEURSHIP AND START-UPS
PAPER CODE	:	7386
SUBJECT CODE	:	601
TREORY CREDITS	:	04
PRACTICAL CREDITS	:	00

**Course Learning**

**Objectives:**

1. Acquiring Entrepreneurial spirit and resourcefulness.
2. Familiarization with various uses of human resource for earning dignified means of living.
3. Understanding the concept and process of entrepreneurship - its contribution and role in the growth and development of individual and the nation.
4. Acquiring entrepreneurial quality, competency, and motivation.
5. Learning the process and skills of creation and management of entrepreneurial venture.

**Course Content:**

**Unit 1** - Introduction to Entrepreneurship and Start – Ups

- Definitions, Traits of an entrepreneur, Intrapreneurship, Motivation
- Types of Business Structures, Similarities/differences between entrepreneurs and managers.

**Unit 2** – Business Ideas and their implementation

- Discovering ideas and visualizing the business
- Activity map
- Business Plan

**Unit 3** – Idea to Start-up

- Market Analysis – Identifying the target market,
- Competition evaluation and Strategy Development,
- Marketing and accounting,
- Risk analysis

**Unit 4** – Management

- Company's Organization Structure,
- Recruitment and management of talent.
- Financial organization and management

**Unit 5** - Financing and Protection of Ideas

- Financing methods available for start-ups in India
- Communication of Ideas to potential investors – Investor Pitch
- Patenting and Licenses

**Unit 6:** Exit strategies for entrepreneurs, bankruptcy, and succession and harvesting strategy

**Learning Outcome:**

Upon completion of the course, the student will be able to demonstrate knowledge of the following topics:

1. Understanding the dynamic role of entrepreneurship and small businesses
2. Organizing and Managing a Small Business
3. Financial Planning and Control
4. Forms of Ownership for Small Business
5. Strategic Marketing Planning
6. New Product or Service Development
7. Business Plan Creation

**SUGGESTED LEARNING RESOURCES:**

S. No.	Title of Book	Author	Publication
1.	The Startup Owner's Manual: The Step-by-Step Guide for Building a Great Company	Steve Blank and Bob Dorf	K & S Ranch ISBN – 978-0984999392
2.	The Lean Startup: How Today's Entrepreneurs Use Continuous Innovation to Create Radically Successful Businesses	Eric Ries	Penguin UK ISBN – 978-0670921607
3.	Demand: Creating What People Love Before They Know They Want It	Adrian J. Slywotzky with Karl Weber	Headline Book Publishing ISBN – 978-0755388974
4.	The Innovator's Dilemma: The Revolutionary Book That Will Change the Way You Do Business	Clayton M. Christensen	Harvard business ISBN: 978-142219602

**SUGGESTED SOFTWARE/LEARNING WEBSITES:**

- a. <https://www.fundable.com/learn/resources/guides/startup>
- b. <https://corporatefinanceinstitute.com/resources/knowledge/finance/corporate-structure/>
- c. <https://www.finder.com/small-business-finance-tips>
- d. <https://www.profitbooks.net/funding-options-to-raise-startup-capital-for-your-business/>  
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**DIPLOMA IN ET. & TELECOMMUNICATION ENGINEERING (E03)**

*SEMESTER VI*

COURSE TITLE	:	COMPUTER NETWORKING AND DATA COMMUNICATION
PAPER CODE	:	7472
SUBJECT CODE	:	602
TREORY CREDITS	:	07
PRACTICAL CREDITS	:	03

**Course Content:**

**Unit 1 -Introduction to data communication.**

Concept of analog and digital signals. Bandwidth. Network architecture. Basics of OSI and TCP/IP reference models.

Types of Computer Networks – Personal Area Network, Local Area Network, Metropolitan Area Network, Wide Area Network, Internetwork.

Computer Network Topologies – Point to Point, Bus topology, Star topology, ring topology, mesh topology, tree topology, Daisy Chain, Hybrid Topology,

Computer Network Model. Transmission media. Wired and wireless connectivity.

**Unit 2 –Digital & Analog Transmission.**

Digital Transmission – Digital to Digital Conversion, Line Coding, Unipolar Encoding, Polar Encoding, Bipolar Encoding, block Coding

Analog Transmission - Analog-to-Digital Conversion, Digital to analog Conversion, Analog to Analog Conversion.

Sampling, Quantization, Encoding, Transmission Modes.

**Unit 3– Wireless Communication.**

Radio, Microwave, Infra-red, Light Transmission.

Wireless Communication Standards, Characterization of the Wireless Channel, Receiver Techniques for Fading Dispersive Channels,

Mobility Management in Wireless Networks, Mobile IP, Mobile Ad hoc Networks, Ad hoc Routing Protocols, Performance Analysis of DSR and CBRP,

Cluster Techniques, Incremental Cluster Maintenance Scheme, Space time Coding for Wireless Communication.

**Unit 4– Data Link Layer Technologies.**

Types of Network Routing, Network Layer Protocols. FDM, TDM and CDMA.

Circuit and packet switching. Frame relay and ATM switching. ISDN. Local area network protocols. Fibre optic networks. Satellite networks.

Data link layer design issues: its functions and protocols. Internet protocol. Routing algorithms. Congestion control algorithms. IP addressing schemes. Internetworking and sub-netting.

Error Detection and Correction - Types of Errors, Detection, Correction Switching and Data link layer, data link control and protocols

### Unit 5- Transmission Media & Transmission Control protocol.

Magnetic Media, Twisted Pair Cable, Coaxial Cable, Power Lines, Fiber Optics.  
Protocol– Features, Header, Addressing, Connection Management, Error Control and Flow Control, Multiplexing, Congestion Control, Timer Management, Crash Recover

#### REFERENCES / SUGGESTED LEARNING RESOURCES:

S. No.	Title of Book	Author	Publication
1.	Computer Networking A top down Approach:	J.F.Kurose	Pearson
2.	Computer Networks and Internet	D.E. Comer	Pearson
3.	Wireless Communications: Principles and Practice, 2nd edition	T. Rappaport	Prentice Hall
4.	Wireless Communication and NetworkingJo	hn W. Mark, Weihua Zhuang	
5.	Modelling and Analysis of Computer Com- munication Networks	Jeremiah F. Hayes	
6.	Data communication & Networking	Stallings	
7	An Integrated Approach to Computer Networks	Bhavneet Sidhu	Khanna Publishing House.

#### SUGGESTED SOFTWARE/LEARNING WEBSITES:

- a) [www.tutorialspoint.com/data\\_communication\\_computer\\_network/data\\_communication\\_computer\\_network\\_tutorial.pdf](http://www.tutorialspoint.com/data_communication_computer_network/data_communication_computer_network_tutorial.pdf)
- b) [www.turbofuture.com/industrial/Elements-of-Electronic-Communications-System](http://www.turbofuture.com/industrial/Elements-of-Electronic-Communications-System)
- c) [www.st-andrews.ac.uk/~www\\_pa/Scots\\_Guide/iandm/part3/page1.html](http://www.st-andrews.ac.uk/~www_pa/Scots_Guide/iandm/part3/page1.html)
- d) [www.antenna-theory.com/basics/main.php](http://www.antenna-theory.com/basics/main.php)
- e) [www.explainthatstuff.com/antennas.html](http://www.explainthatstuff.com/antennas.html)
- f) [www.circuitdiagram.org/am-radio-receiver-with-mk484.html](http://www.circuitdiagram.org/am-radio-receiver-with-mk484.html)
- g) [www.circuitstoday.com/single-chip-fm-radio-circuit](http://www.circuitstoday.com/single-chip-fm-radio-circuit)

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## COMPUTER NETWORKING AND DATA COMMUNICATION LAB

### Course Content:

### SUGGESTED PRACTICALS/ EXERCISES

The practical in this section are PrOs (i.e. sub-components of the COs) to be developed and assessed in the student for the attainment of the competency.

S. No.	Practical Outcomes (PrOs)	Unit No.	Approx. Hrs. Required
1.	To study the different physical equipment used for networking		02*
2.	Study the different internetworking devices in a computer network		02*
3.	Study the working of basic networking commands		02*

S. No.	Practical Outcomes (PrOs)	Unit No.	Approx. Hrs. Required
4.	To study PC to PC communication using parallel port		02
5.	Study of LAN in Star Topology		02
6.	Study of LAN in Bus Topology		02
7.	Study of LAN in Tree Topology		02
8.	Study and configuration of modem of computer		02
9.	Study of wireless communication		02*
10.	Studying PC Communication using LAN		02
	<b>Total</b>		<b>20</b>

### Reference Books:

S. No.	Title of Book	Author	Publication
1.	Basic Electrical Engineering	Mittle and Mittal	McGraw Education, New Delhi, 2015, ISBN : 978-0-07-0088572-5
2.	Basic Electrical Engineering	Ritu Sahdev	Khanna Publishing House, Delhi 2018, ISBN: 978-93-86173-49-2
3.	Fundamentals of Electrical En- gineering	Saxena, S. B. LalCam	bridge University Press, latest edi- tion ISBN : 9781107464353
4.	Electrical Technology Vol – I	Theraja, B. L.	S. Chand publications, New Delhi, 2015, ISBN: 9788121924405
5.	Basic Electronics	S. Biswas	Khanna Publishing House, Delhi ISBN: 978-81-87522-164

6.	Electrical Technology Vol – II	Theraja, B. L.	S. Chand publications, New Delhi, 2015, ISBN: 9788121924375
7.	Basic Electrical and Electronics Engineering	Jegathesan, V.	Wiley India, New Delhi, 2015 ISBN : 97881236529513
8.	Text book of Applied Electronics	Sedha, R.S.	S.Chand ,New Delhi, 2008 ISBN-13: 978-8121927833
9.	Electronics Principles	Malvino, Albert Paul, David	McGraw Hill Education, New Delhi,2015, ISBN-13:0070634244-978
10.	Principles of Electronics	Mehta, V.K. Mehta, Rohit	S. Chand and Company, New Delhi, 2014, ISBN-13-9788121924504
11.	Fundamental of Electronic De- vices and Circuits	Bell Devid	Oxford University Press, New Delhi 2015 ISBN : 9780195425239

#### **SUGGESTED SOFTWARE/LEARNING WEBSITES:**

- a. [en.wikipedia.org/wiki/Transformer](http://en.wikipedia.org/wiki/Transformer)
- b. [www.animations.physics.unsw.edu.au/~jw/AC.html](http://www.animations.physics.unsw.edu.au/~jw/AC.html)
- c. [www.alpharubicon.com/altenergy/understandingAC.htm](http://www.alpharubicon.com/altenergy/understandingAC.htm)
- d. [www.electronics-tutorials](http://www.electronics-tutorials)
- e. [learn.sparkfun.com/tutorials/transistors](http://learn.sparkfun.com/tutorials/transistors)
- f. [www.pitt.edu/~qiw4/Academic/ME2082/Transistor%20Basics.pdf](http://www.pitt.edu/~qiw4/Academic/ME2082/Transistor%20Basics.pdf)
- g. [www.technologystudent.com/elec1/transis1.htm](http://www.technologystudent.com/elec1/transis1.htm)
- h. [www.learningaboutelectronics.com](http://www.learningaboutelectronics.com)
- i. [www.electrical4u.com](http://www.electrical4u.com)

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*SEMESTER VI*

COURSE TITLE	:	ARTIFICIAL INTELLIGENCE
PAPER CODE	:	7605
SUBJECT CODE	:	611
TREORY CREDITS	:	03
PRACTICAL CREDITS	:	00

**Course Content:**

**Unit 1** – Introduction to Artificial Intelligence

- Artificial Intelligence (AI) definition
- Goals of AI
- History of AI
- Applications of AI

**Unit 2** – Agents and Environments

- Agent Terminology, Types of Agents – Simple Reflex Agents, Model Based Reflex Agents, Goal Based Agents
- Nature of Environments, Properties of Environments

**Unit 3** – Search

Algorithms

Terminology

- Brute Force Search Strategies – Breadth First Search, Depth First Search.
- Heuristic Search Strategies, Local Search Algorithms.

**Unit 4** – Fuzzy Logic Systems

Introduction to Fuzzy Logic and Fuzzy systems,

- Membership functions,
- Fuzzification/Defuzzification

**Unit 5** – Neural Networks

Basic structure of Neural Networks

- Perceptron
- Back-propagation

**Suggested Learning Resources:**

S. No.	Title of Book	Author	Publication
1	Artificial Intelligence By Example: Develop machine intelligence from scratch using real artificial intelligence use cases	Denis Rothman	Packt Publishing ISBN – 978-1788990547

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*SEMESTER VI*

COURSE TITLE	:	PRODUCT DESIGN
PAPER CODE	:	7607
SUBJECT CODE	:	612
THEORY CREDITS	:	03
PRACTICAL CREDITS	:	00

**Course Learning Objectives:**

- To acquire the basic concepts of product design and development process
- To understand the engineering and scientific process in executing a design from concept to finished product
- To study the key reasons for design or redesign.

**Course Content:**

**UNIT-I:** Definition of a product; Types of product; Levels of product; Product-market mix; New product development (NPD) process; Idea generation methods; Creativity; Creative attitude; Creative design process; Morphological analysis; Analysis of interconnected decision areas; Brain storming.

**Unit-II:** Product life cycle; The challenges of Product development; Product analysis; Product characteristics; Economic considerations; Production and Marketing aspects; Characteristics of successful Product development; Phases of a generic product development process; Customer need identification; Product development practices and industry-product strategies.

**Unit-III:** Product design; Design by evolution; Design by innovation; Design by imitation; Factors affecting product design; Standards of performance and environmental factors; Decision making and iteration; Morphology of design (different phases); Role of aesthetics in design.

**Unit-IV:** Introduction to optimization in design; Economic factors in design; Design for safety and reliability; Role of computers in design; Modeling and Simulation; The role of models in engineering design; Mathematical modeling; Similitude and scale models; Concurrent design; Six sigma and design for six sigma; Introduction to optimization in design; Economic factors and financial feasibility in design; Design for manufacturing; Rapid Prototyping (RP); Application of RP in product design; Product Development versus Design.

**Unit-V:** Design of simple products dealing with various aspects of product development; Design starting from need till the manufacture of the product

**Reference Books:**

1. Product Design and Development, Karl T. Ulrich and Steven D. Eppinger, Tata McGraw–Hill edition.
2. Engineering Design –George E. Dieter.
3. An Introduction to Engineering Design methods Vijay Gupta.
4. Merie Crawford : New Product management, McGraw-Hill Irwin.
5. Chitale A K and Gupta R C, “Product Design and Manufacturing”, Prentice Hall of India, 2005.
6. Kevin Otto and Kristin Wood, Product Design, Techniques in Reverse Engineering and New Product Development, Pearson education.

**Course outcomes:**

At the end of the course, the student will be able to:

CO1	Understand the basic concepts of product design and development process.
CO2	Illustrate the methods to define the customer needs.
CO3	Describe an engineering design and development process.
CO4	Understand the intuitive and advanced methods used to develop and evaluate a concept.
CO5	Apply modelling and embodiment principles in product design and development process.

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*SEMESTER VI*

COURSE TITLE	:	MECHATRONICS
PAPER CODE	:	7609
SUBJECT CODE	:	621
THEORY CREDITS	:	03
PRACTICAL CREDITS	:	00

**Course Content:**

**Unit 1**– Introduction to Mechatronics

- Introduction to System Concepts, Analysis and Design
- Mechatronics basic definitions; systems and components;
- Systems with mixed disciplines
- Electronics Fundamentals Review

**Unit 2**– Elements in Mechatronics

- Data conversion devices, sensors, micro-sensors, transducers, signal processing devices, timers
- Microprocessors, Microcontrollers
- PID Controllers and PLCs

**Unit 3**– Drives

- Stepper Motors, Servo Drives
- Linear Motion bearings, cams
- Systems controlled by camshafts, electronic cams
- Tool magazines and indexing mechanisms.

**Unit 4**– Hydraulic Systems

- Flow, Pressure and Direction Control Valves
- Actuators, Supporting Elements, Hydraulic Power Packs, Pumps
- Design of Hydraulic circuits

**Unit 5**– Pneumatic System

- Production, Distribution and conditioning of compressed air
- System Components and Graphic representations
- Design of Systems

**SUGGESTED LEARNING RESOURCES:**

S.No.	Title of Book	Author	Publication
1.	Analysis and design of Dynamic Systems	Cochin, Era and Cadwallender	AddisonWesley, 1997
2.	Mechatronics Engineering	Tomkinson, D. And Horne, J. Longman	McGraw Hill, 1996

3.	Mechatronics	Bolton, W	Pearson
4.	Fundamental of mechatronic	M. Jouaneh	Cengage Learning ISBN – 978-1111569020
5.	Mechatronics – An Integrated Approach	Clarence W. de Silva	CRC Press ISBN – 978-0849312748

### **SUGGESTED SOFTWARE/LEARNING WEBSITES:**

7. [https://youtu.be/Ro\\_tFv1iH6g](https://youtu.be/Ro_tFv1iH6g)
8. <https://www.motioncontroltips.com/faq-what-are-stepper-drives-and-how-do-they-work/>
9. <https://science.howstuffworks.com/robot.htm>
10. <https://howtomechatronics.com/>

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*SEMESTER VI*

COURSE TITLE	:	INDUSTRIAL ROBOTS
PAPER CODE	:	7611
SUBJECT CODE	:	622
TREORY CREDITS	:	03
PRACTICAL CREDITS	:	00

**Course Objectives:**

The goal of the course is to familiarize the students with the concepts and techniques in robotic engineering, manipulator kinematics, dynamics and control, chose, and incorporate robotic technology in engineering systems.

Make the students acquainted with the theoretical aspects of Robotics  
Enable the students to acquire practical experience in the field of Robotics through design projects and case studies.

Make the students to understand the importance of robots in various fields of engineering.  
Expose the students to various robots and their operational details.

**Course Contents:**

**UNIT – I**

Introduction: Automation and Robotics – An over view of Robotics – present and future applications. Components of the Industrial Robotics: common types of arms. Components, Architecture, number of degrees of freedom – Requirements and challenges of end effectors, Design of end effectors, Precision of Movement: Resolution, Accuracy and Repeatability, Speed of Response and Load Carrying Capacity.

**UNIT – II**

Motion Analysis: Basic Rotation Matrices, Equivalent Axis and Angle, Euler Angles, Composite Rotation Matrices. Homogeneous transformations as applicable to rotation and translation – problems. Manipulator Kinematics-H notation-H method of Assignment of frames-H Transformation Matrix, joint coordinates and world coordinates, Forward and inverse kinematics – problems on Industrial Robotic Manipulators.

**UNIT – III**

Differential transformation of manipulators, Jacobians – problems. Dynamics: Lagrange – Euler and Newton – Euler formations – Problems.

Trajectory planning and avoidance of obstacles, path planning, Slew motion, joint interpolated motion straight line motion.

## **UNIT – IV**

Robot actuators and Feedback components: Actuators: Pneumatic, Hydraulic actuators, electric & stepper motors, comparison of Actuators, Feedback components: position sensors – potentiometers, resolvers, encoders – Velocity sensors, Tactile and Range sensors, Force and Torque sensors – End Effectors and Tools

## **UNIT-V**

Robot Application in Manufacturing: Material Transfer – Material handling, loading and unloading- Processing – spot and continuous arc welding & spray painting – Assembly and Inspection. Robotic Programming Methods – Languages: Lead Through Programming, Textual Robotic Languages such as APT, MCL.

### **Text Books/ Reference Books:**

1. Robot Dynamics and Controls / Spony and Vidyasagar / John Wiley
2. Robot Analysis and control / Asada, Slotine / Wiley Inter-Science
3. Robotics – Fu et al / TMH Publications.
4. Industrial Robotics / Groover M P /Mc Graw Hill
5. Introduction to Industrial Robotics / Ramachandran Nagarajan / Pearson

### **Course Outcomes**

At the end of the course, the student will be able to:

2. Understand the basic components of robots.
3. Differentiate types of robots and robot grippers.
4. Model forward and inverse kinematics of robot manipulators.
5. Analyze forces in links and joints of a robot.
6. Programme a robot to perform tasks in industrial applications.
7. Design intelligent robots using sensors.

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*SEMESTER VI*

COURSE TITLE	:	INDIAN CONSTITUTION
PAPER CODE	:	--
SUBJECT CODE	:	--
TREORY CREDITS	:	00
PRACTICAL CREDITS	:	00

**Course Content**

**Unit 1** – The Constitution - Introduction

- The History of the Making of the Indian Constitution
- Preamble and the Basic Structure, and its interpretation
- Fundamental Rights and Duties and their interpretation
- State Policy Principles

**Unit 2** – Union Government

- Structure of the Indian Union
- President – Role and Power
- Prime Minister and Council of Ministers
- Lok Sabha and Rajya Sabha

**Unit 3** – State Government

- Governor – Role and Power
- Chief Minister and Council of Ministers
- State Secretariat

**Unit 4** – Local Administration

- District Administration
- Municipal Corporation
- Zila Panchayat

**Unit 5** – Election Commission

- Role and Functioning
- Chief Election Commissioner
- State Election Commission

**Suggested Learning Resources:**

<b>S. No.</b>	<b>Title of Book</b>	<b>Author</b>	<b>Publication</b>
1.	Ethics and Politics of the Indian Constitution	Rajeev Bhargava	Oxford University Press, New Delhi, 2008
2.	The Constitution of India	B.L. Fadia	Sahitya Bhawan; New edition (2017)
3.	Introduction to the Constitution of India	DD Basu	Lexis Nexis; Twenty-Third 2018 edition

**Suggested Software/Learning Websites:**

- a. <https://www.constitution.org/cons/india/const.html>
- b. <http://www.legislative.gov.in/constitution-of-india>
- c. <https://www.sci.gov.in/constitution>
- d. <https://www.toppr.com/guides/civics/the-indian-constitution/the-constitution-of-india/>

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SEMESTER - VI

COURSE TITLE	:	MAJOR PROJECT
PAPER CODE	:	--
COURSE CODE	:	--
TREORY CREDITS	:	00
PRACTICAL CREDITS	:	04 (03+01 Credit of the V Sem.)

**MAJOR PROJECT**

It should be based on real/live problems of the Industry/Govt./NGO/MSME/Rural Sector or an innovative idea having the potential of a Startup.

Evaluation is based on work done, quality of report, performance in vivavoce, presentation etc

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*SEMESTER VI*

COURSE TITLE	:	SEMINAR
PAPER CODE	:	--
COURSE CODE	:	--
TREORY CREDITS	:	01
PRACTICAL CREDITS	:	00

SEMINAR

Evaluation is based on work done, quality of report, performance in Viva-voce, presentation etc .

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