

GUJARAT TECHNOLOGICAL UNIVERSITY (GTU)**Competency-focused Outcome-based Green Curriculum-2021 (COGC-2021)**

Semester -II

Course Title: Indian Constitution

(Course Code: 4300016)

Diploma programmes in which this course is offered	Semester in which offered
Auto Mobile, Bio Medical, Power Electronics, Plastic, Computer, IT, Chemical, Civil, Electrical, Electronics and Communication. Environmental, Information Technology, Instrumentation and Control, Marine, Mechanical, Mechatronics, Metallurgy, Mining, Textile Processing Technology, Textile Manufacturing Technology, Architectural Assistantship, CAD/CAM, Ceramic, Fabrication Technology, Printing Technology, Textile Designing	Second

1. RATIONALE

This course will survey the basic structure and operative dimensions of Indian Constitution. It will explore various aspects of the Indian political and legal system from a historical perspective highlighting the various events that led to the making of the Indian Constitution. It will also socio-political equations. The various challenges faced by the constitution and the corresponding coping mechanisms would also be discussed. Broadly, the students would be exposed to the working of various institutions, offices and political debates ensuing from the operation of the Indian constitution in the last five decades.

2. COMPETENCY

The purpose of this course is to help the student to attain the following industry identified competency through various teaching learning experiences:

- **Follow policies, processes, duties, rights and federal structure of Indian constitution as responsible citizens and engineer of the country.**

3. COURSE OUTCOMES (COs)

The practical exercises, the underpinning knowledge and the relevant soft skills associated with the identified competency are to be developed in the student for the achievement of the following COs:

- List salient features and characteristics of the constitution of India.
- Follow fundamental responsibilities, privileges, rights and duties as responsible citizen and engineer of the country.
- Differentiate between state and central administrative setup of the country.
- Explain major constitutional amendment procedures and emergency provisions in the country
- Explain judicial setup and electoral process of the country.

4. TEACHING AND EXAMINATION SCHEME

Teaching Scheme (In Hours)			Total Credits (L+T+P/2)	Examination Scheme				Total Marks
L	T	P		Theory Marks		Practical Marks		
			C	CA	ESE	CA	ESE	
2	-	-	0	-	-	50*	-	50

(*): the marks distribution total internal assessment 50 marks

5. SUGGESTED PRACTICAL EXERCISES -Not applicable

6. MAJOR EQUIPMENT/ INSTRUMENTS REQUIRED-Not applicable

7. AFFECTIVE DOMAIN OUTCOMES

The following **sample** Affective Domain Outcomes (ADOs) are embedded in many of the above mentioned COs and PrOs. More could be added to fulfil the development of this course competency.

- a) Work as a leader/a team member.
- b) Follow constitutional duties and responsibilities
- c) Follow ethical practices.
- d) Practice environmental friendly methods and processes.

The ADOs are best developed through the laboratory/field based exercises. Moreover, the level of achievement of the ADOs according to Krathwohl's 'Affective Domain Taxonomy' should gradually increase as planned below:

- i. 'Valuing Level' in 1st year
- ii. 'Organization Level' in 2nd year.
- iii. 'Characterization Level' in 3rd year.

8. UNDERPINNING THEORY

The major underpinning theory is given below based on the higher level UOs of *Revised Bloom's taxonomy* that are formulated for development of the COs and competency. If required, more such higher level UOs could be included by the course teacher to focus on attainment of COs and competency.

Unit	Unit Outcomes (UOs) (4 to 6 UOs at different levels)	Topics and Sub-topics
Unit – I Constitution and Preamble	1a. Explain the meaning of preamble of the constitution. 1b. List the salient features of constitution. 1c. List the characteristics of constitution.	1.1 Meaning of the constitution of India 1.2 Historical perspective of the Constitution of India 1.3 Salient features and characteristics of the Constitution of India 1.4 Preamble to the Constitution of India

Unit – II Fundamental Rights and Directive Principles	2a. Enlist the fundamental rights. 2b. Identify fundamental duties. 2c. Follow fundamental responsibilities as an engineer. 2d. Differentiate between fundamental rights and directive principles. 2e. Identify fundamental duties and responsibilities applicable to a practicing engineer.	2.1 Fundamental Rights under Part-III (Details of exercise of rights and Limitations) 2.2 Fundamental duties and their significance 2.3 Relevance of Directive Principles of State Policy under part-IV.
Unit– III Federal Structure	3a. Draw the structure of governance in India. 3b. Differentiate between state and central administrative setup of the country.	3.1 Federal structure and distribution of legislative and financial powers between the Union and the States 3.2 Union Executive-President, Prime minister, Parliament and the Supreme Court of India, 3.3 State Executive - Governor, Chief Minister, State Legislator, and high Court 3.4 Local Administration - District Administration, Municipal Corporation, Zila Panchayat
Unit– IV Governance and Amendments	4a. Enlist the constitutional amendments 4b. Infer the purposes of various amendments.	4.1 Amendment of the Constitutional Powers and Procedure 4.2 Major Constitutional Amendment procedure - 42nd, 44th, 74th, 76th, 86th and 91st. 4.3 Emergency provisions
Unit– V Judicial System and Election Commission & National Green Tribunal	5a. Perform judicial review for societal welfare 5b. Abide by the judicial provisions. 5c. Adopt the electoral procedures with respect to citizenship. 5d. Abide by greening laws 5e. Identify the topics/subtopics in a given engineering course where greening laws are affecting significantly.	5.1 The Indian Judicial System 5.2 Judicial Review 5.3 Election Commission 5.4 National Green Tribunal

9. SUGGESTED SPECIFICATION TABLE FOR QUESTIONPAPER DESIGN

Unit	Unit Title	Teaching	Distribution of Theory Marks
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No.		g Hours	R Level	U Level	A Level	Total Marks
I	Constitution and Preamble	04	04	04	0	08
II	Fundamental Rights and Directive Principles	08	03	02	10	15
III	Federal Structure	07	02	03	06	11
IV	Governance and Amendments	05	02	02	04	08
V	Judicial System and Election Commission	04	02	02	04	08
Total		28	13	13	24	50

Legends: R=Remember, U=Understand, A=Apply and above (Revised Bloom's taxonomy)

Note: This specification table provides general guidelines to assist student for their learning and to teachers to teach and question paper designers/setters to formulate test items/questions to assess the attainment of the UOs. The actual distribution of marks at different taxonomy levels (of R, U and A) in the question paper may vary slightly from above table.

10. SUGGESTED STUDENT ACTIVITIES

Other than the classroom and laboratory learning, following are the suggested student-related **co-curricular** activities which can be undertaken to accelerate the attainment of the various outcomes in this course. Students should conduct following activities in group and prepare reports of about 5 pages for each activity. They also collect/record physical evidences for their (student's) portfolio which will be useful for their placement interviews:

- a) Prepare a report on Mock court hearing
- b) Visit to courts
- c) Arrange Mock Parliament.
- d) Visit to Local Bodies
- e) Visit to Courts.
- f) Visit to Legal Service Authority
- g) Design games and simulation
- h) Group discussions on current print articles
- i) Prepare college/posters on current constitutional issues.
- j) Learning through cases
 - **A.K. Gopalan Case (1950):**weblink <https://indiankanoon.org/doc/1857950/>
 - **Shankari Prasad Case (1951):**weblink<https://indiankanoon.org/doc/1706770/>
 - Berubari Union case (1960) :weblink<https://indiankanoon.org/doc/1120103/>
 - Golaknath case (1967) :weblink<https://indiankanoon.org/doc/120358/>
 - Kesavananda Bharati case(1973):weblink<https://indiankanoon.org/doc/257876/>
 - Indira Nehru Gandhi v. Raj Narain case (1975):weblink<https://indiankanoon.org/doc/936707/>
 - Maneka Gandhi case (1978):weblink <https://indiankanoon.org/doc/1766147/>
 - Minerva Mills case (1980): weblink <https://indiankanoon.org/doc/1939993/>
 - Indra Sawhney and Union of India (1992):weblink<https://indiankanoon.org/doc/1969682/>
 - Samatha and State of Andhra Pradesh (1997): weblink <https://indiankanoon.org/doc/1969682/>

- Aruna Shanbaug Case (2011) : [weblinkhttps://indiankanoon.org/doc/235821/](https://indiankanoon.org/doc/235821/)
- Justice K.S.Puttaswamy(Retd) ... vs Union Of India And Ors.: Right To Privacy (2017)[weblinkhttps://indiankanoon.org/doc/1857950/](https://indiankanoon.org/doc/1857950/)
- L Chandra Kumar Case (1997):[weblink https://indiankanoon.org/doc/1152518/](https://indiankanoon.org/doc/1152518/)
- Habeas Corpus Case (1976): [weblink https://indiankanoon.org/doc/1735815/](https://indiankanoon.org/doc/1735815/)
- Romesh Thapar Case (1950): [weblink https://indiankanoon.org/doc/456839/](https://indiankanoon.org/doc/456839/)
- M.C. Mehta And Anr vs Union of India &Ors on 20 December, 1986 Bhopal Gas Tragedy:[weblinkhttps://indiankanoon.org/doc/1486949/](https://indiankanoon.org/doc/1486949/)
- M.C. Mehta vs Union Of India &Ors on 30 December, 1996 Taj Mahal:[weblink https://indiankanoon.org/doc/1964392/](https://indiankanoon.org/doc/1964392/)
- M.C. Mehta vs Union Of India on 15 November, 2019 Delhi Pollution: [weblink ttps://indiankanoon.org/doc/174204561/](https://indiankanoon.org/doc/174204561/)
- Samit Mehta v. Union of India &Ors.;National Green [weblink:https://www.casemine.com/judgement/in/5b17d5604a932678010063da](https://www.casemine.com/judgement/in/5b17d5604a932678010063da)

11. SUGGESTED SPECIAL INSTRUCTIONAL STRATEGIES (if any)

These are sample strategies, which the teacher can use to accelerate the attainment of the various outcomes in this course:

- Massive open online courses (**MOOCs**) may be used to teach various topics/sub topics.
- Guide student(s) in undertaking micro-projects.
- 'L' in section No. 4** means different types of teaching methods that are to be employed by teachers to develop the outcomes.
- About **20% of the topics/sub-topics** which are relatively simpler or descriptive in nature is to be given to the students for **self-learning**, but to be assessed using different assessment methods.
- With respect to **section No.10**, teachers need to ensure to create opportunities and provisions for **co-curricular activities**.
- Guide students on how to address issues on environment and sustainability.

12. SUGGESTED MICRO-PROJECTS

- Not Applicable

13. SUGGESTED LEARNING RESOURCES

S. No.	Title of Book	Author	Publication with place, year and ISBN
1	The Constitution of India	P.M. Bakshi	Universal Law Publishing, New Delhi 15 th edition, 2018, ISBN: 9386515105
2	Introduction to Indian Constitution	D.D. Basu	Lexis Nexis Publisher, New Delhi, 2015, ISBN:935143446X
3	Introduction to Constitution of India	B. K. Sharma	PHI, New Delhi, 6 th edition, 2011, ISBN:8120344197
4	The Constitution of India	B.L. Fadia	Sahitya Bhawan, Agra, 2017, ISBN:8193413768

S. No.	Title of Book	Author	Publication with place, year and ISBN
5	Ethics and Politics of the Indian Constitution	Rajeev Bhargava	Oxford University Press, New Delhi, 2008, ISBN:0198063555
6	The Constitutional Law of India	Durga Das Basu	LexisNexis Butterworths Wadhwa, Nagpur 978-81-8038-426-4
7	Indian Constitution	Avtar Singh	Central Law Publication, Prayagraj. Uttar Pradesh 2019. 978-9386456861
8	The Constitution of India	NaushirwanJhabwala	C. Jamnadas&Company. Ahmedabad. 2016.978-9789364572

14. SOFTWARE/LEARNING WEBSITES

- <http://www.legislative.gov.in/constitution-of-india>
- https://en.wikipedia.org/wiki/Constitution_of_India
- <https://www.india.gov.in/my-government/constitution-india>
- <https://eci.gov.in/about/about-eci/the-setup-r1/>
- <https://www.toppr.com/guides/civics/the-indian-constitution/the-constitution-of-india>
- <https://main.sci.gov.in/constitution>
- <https://nios.ac.in/media/documents/srsec317newE/317EL8.pdf>
- <https://legallaffairs.gov.in/sites/default/files/chapter%203.pdf>
- https://www.concourt.am/armenian/legal_resources/world_constitutions/constit/india/india--e.htm
- <https://constitutionnet.org/vl/item/basic-structure-indian-constitution>

15. PO-COMPETENCY-CO MAPPING

1	Indian Constitution (Course Code: 4300016)						
	POs and PSOs						
Competency and Course Outcomes	PO 1 Basic and Discipline specific knowledge	PO 2 Problem Analysis	PO 3 Design/development of solutions	PO 4 Engineering Tools, Experimentation and Testing	PO 5 Engineering practices for society, sustainability and environment	PO 6 Project Management	PO 7 Life-long learning
Competency <i>Follow policies, processes, duties, rights and federal structure of Indian constitution as responsible citizens</i>							

and engineer of the country.							
Course Outcomes							
CO a) List salient features and characteristics of the constitution of India.	-	1	1	-	2	1	2
CO b) Follow fundamental responsibilities, privileges, rights and duties as responsible citizen and engineer of the country.	-	1	1	-	2	1	2
CO c) Differentiate between state and central administrative setup of the country.	-	1	1	-	2	1	2
CO d) Explain major constitutional amendment procedures and emergency provisions in the country.	-	1	1	-	2	1	2
CO e) Explain judicial setup and electoral process of the country.	-	1	1	-	2	1	2

Legend: '3' for high, '2' for medium, '1' for low and '-' for no correlation of each CO with PO.

16. COURSE CURRICULUM DEVELOPMENT COMMITTEE

GTU Resource Persons

S. No.	Name and Designation	Institute	Contact No.	Email
1	Dr Peena Thanky Lecturer [English] BOS Member	RCTechnical Institute, Ahmedabad	94094 11256	drpeena@gmail.com

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NITTTR Resource Persons

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