Criteria 7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations (Activity Details).

Sl.No.	Contents	Page No.
1	Academic Year: 2015-2016	<u>2</u>
2	Academic Year: 2016-2017	<u>3</u>
3	Academic Year: 2017-2018	<u>8</u>
4	Academic Year: 2018-2019	<u>13</u>
5	Academic Year: 2019-2020	<u>16</u>
6	Second year subject common to all branches	<u>21</u>
7	First year subject common to all branches	<u>27</u>



Academic Year: 2015-2016

1. Blood Donation Camp

In association with the Indian Medical Association, Thodupuzha chapter National service scheme unit of the college conducted a blood donation camp on 28/07/2015 with active participation of students and staff.

2. Republic Day Celebration

Republic day Celebration was held on 26-1-2016 in the college. Principal Dr.Josephkunju Paul C hoisted the flag and delivered the Republic Day message.35 participants including students and staff took part in the Republic day program.

3. Independence Day Celebration

Viswajyothi College of engineering and technology celebrated Independence Day on 15th August 2015. Flag hoisting and Independence Day message was delivered by Principal Dr.Josephkunju Paul C.55 students took part in the Independence Day program.

4. Teachers Day Celebration

Teachers Day was celebrated on 7/9/2015. A greeting card and flower bouquet are presented by the students to each faculty of the college.



Academic Year: 2016-2017

1. Blood Stem Cell Donation

A Blood stem cell donation drive was conducted by VJCET in association with **DATRI Blood Stem Cell Donors Registry** on 02/02/2017 in the main auditorium of the college. More than 100 students participated in the event and registered in the DATRI Blood stem cell donation registry.



Figure 1

2. Independence Day Celebration

Viswajyothi College of engineering and technology celebrated Independence Day on 15th August 2016. Flag hosting and Independence Day message was delivered by our Principal



Dr. Josephkunju Paul C. This was followed by a visit to Emmanuel children's home Thodupuzha.60 volunteers took part for the Independence Day program.

3. Republic Day Celebration

Republic day Celebration was held on 26-1-2017 in the college. Principal Dr. Josephkunju Paul C hoisted the flag and delivered the Republic Day message. Total 60 students and staff took part in the Republic day program.



Figure 2





4. My Campus Career and Life Value Added Induction Programme

A value Added session for first year students was delivered by Dr. Geo Baby, HOD, MBA department VJCET on the topic "My campus career and life". All the first year students of 2016 admission actively participated in the session.

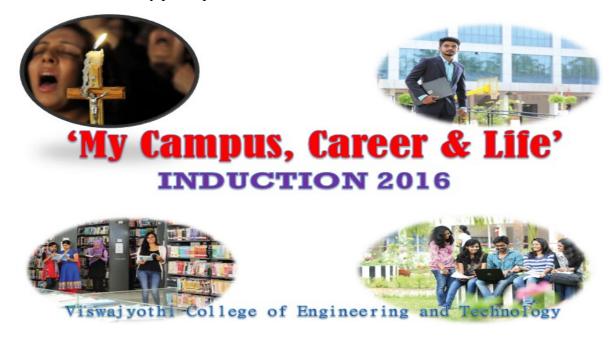


Figure 3

5. Teachers Day Celebration

Teachers Day was celebrated on 5/9/2016. A greeting card and flower bouquet were presented by the students to each faculty of the college.

6. Blood Donation Camp

In association with the Indian Medical AssociationThodupuzha chapter National service scheme unit of the college conducted a blood donation camp on 07/08/2016 withthe active participation of students and staff.





Figure 4

7. World Environment Day

The National Service Scheme unit of VJCET, Vazhakulam celebrated the World Environment Day on June 15 2016, by planting tree saplings in the campus. As part of the programatree sapling was planted in the campus by Dr. Kuncheria P. Issac, Vice Chancellor, APJ Abdul Kalam Kerala Technological University following which tree saplings were distributed among the students.



Figure 5



8. Gandhi Jayanti Celebration

The National Service Scheme unit of VJCET, Vazhakulam successfully managed to conduct a rally as part of Gandhi Jayanti celebration on 2/10/16 at Muvattupuzha town organised by Legal Services Muvattupuzha towards the proclamation of a responsible youth. Volunteers actively participate in the rally.





Academic Year: 2017-2018

1. Donors Force And Free Health Insurance Policy

An organ Donation programme was conducted in the college on 23/9/2017, to inculcate the importance of organ donation. The programme was inaugurated by Sri. V.P Muraleedharan, Chairman, IRC Kerala State.

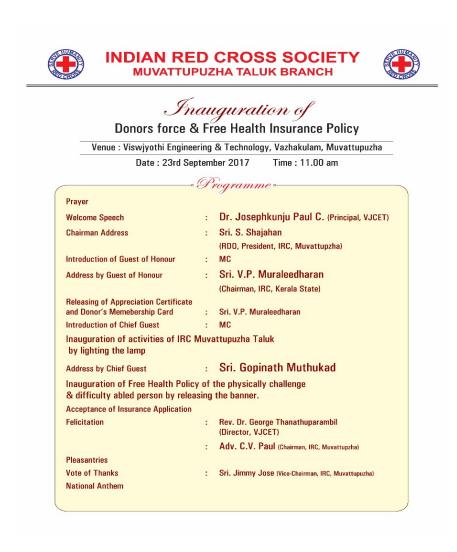


Figure 6



2. Republic Day Celebration

Republic day Celebration was held on 26-1-2018 in the college. Principal Dr. Josephkunju Paul C hoisted the flag and delivered the message. Total number of participants was 15 including students and staff.

3. Independence Day Celebration

Viswajyothi College of engineering and technology celebrated Independence Day on 15th August 2016. Flag hosting and Independence Day message was delivered by Principal Dr. Josephkunju Paul C. 25 students took part in the Independence Day program.



Figure 7

4. Teachers Day Celebration

Teachers Day was celebrated on 5/9/2017. A greeting card and flower bouquet are presented by the students to each faculty of the college.



5. Blood Donation Camp

In association with the Indian Medical Association Thodupuzha chapter National service scheme unit of the college conducted blood donation camp on 18/08/2017.50 units of blood collected from the college with the active participation of students and staff.

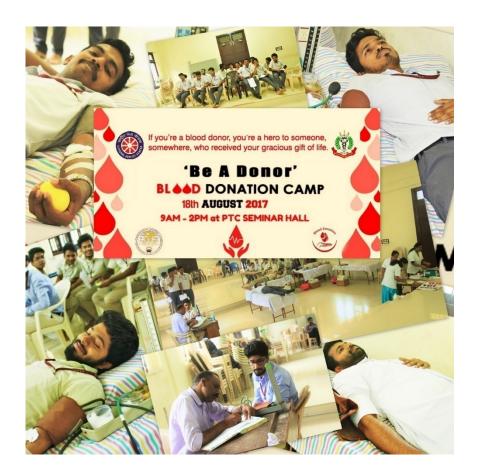


Figure 8

6. World Environment Day

The National Service Scheme unit of VJCET, Vazhakulam celebrated the World Environment Day on June 15th 2017, by planting tree saplings in the campus. It was inaugurated by Principal, DrJosephkunju Paul C.





Figure 9

7. Gandhi Jayanti Celebration

Gandhi Jayanti celebration was conducted on 2/11/17. The volunteers of NSS, staff and students actively participated in the programme.



Figure 10





8. 58 students and two faculty members visited High Court of Kerala on 1/2/2018 as part of learning their subject" Legal Environment of Business".

VISWAJYOTHI COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, Affiliated to Mahatma Gandhi University, Kottayam)



27.01.2018

Date

To.

The Registrar, High Court of Kerala

Sir.

Greetings from Viswajyothi College of Engineering and Technology (VJCET), Vazhakulam!

VJCET is a centre of excellence in higher education in Engineering and Business Studies. It offers MBA, (affiliated to APJ Abdul Kalam Technological University and approved by AICTE) through Viswajyothi School of Management Studies (VSMS). At VSMS, students are exposed to emerging state of the art technologies and best business management practices which will enable them to lead multinational work forces, communicate with stakeholders, and develop creative solutions to emerging business issues and drive innovation through entrepreneurial practices. VSMS provides the students with an ideal platform for the display of their creative and innovative abilities and offer unique opportunities to further enhance personal capabilities.

As part of their subject 'Legal Environment of Business' we would like to formally seek permission to visit High Court of Kerala, preferably on first or second of February 2018. We are a group of 58 students accompanied by two faculty members. We would be much obliged if you could permit us for the same.

Do advise us on an appropriate time of arrival or any other formalities required so that we can smoothly execute this study mission.

Thanking you in advance

Dr. Geo Baby

Head, Viswajyothi School of Management Studies



Figure 11



Academic Year: 2018-2019

1. Blood Donation Camp

In association with the Indian Medical Association Thodupuzha chapter National service scheme unit of the college conducted blood donation camp on 10/10/2018. 80 units of blood collected from the college with the active participation of students and staff.



Figure 12

2. Gandhi Jayanti Celebration

Gandhi Jayanti celebration was conducted on 2/11/18. The volunteers of NSS, staff and students actively participated in the programme.



Figure 13



3. Independence Day Celebration

Viswajyothi College of engineering and technology celebrated Independence Day on 15th August 2018. Flag hosting and Independence Day message was delivered by Principal Dr. Josephkunju Paul. 25 students took part for the Independence Day program.



Figure 14

4. World Environment Day

The National Service Scheme unit of VJCET, Vazhakulam celebrated the World Environment Day on June 15th 2018, by planting tree saplings in the campus. The saplings were planted in the campus by Principal, DrJosephkunju Paul C.

5. Republic Day Celebration

Republic day Celebration was held on 26-1-2019 in the college. Principal Dr.Josephkunju Paul C hoisted the flag and delivered the message. A strength of 15 including students and staff took part for the Republic day program.





6. A Written Quiz Competition

To assess and enhance awareness about legal rights of women, a written quiz competition was conducted on 26th November 2018 for all students including boys, by the Women cell of the college. This quiz was conducted as per the direction from the National Commission for Women. Winners are awarded with cash prizes from the Central Goernment.

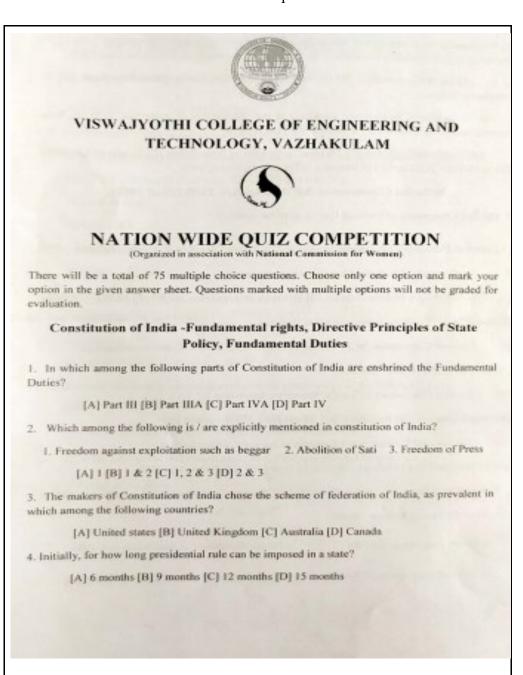


Figure 15



Academic Year: 2019-2020

1. Blood Donation Camp

In association with the Indian Medical Association Thodupuzha chapter National service scheme unit of the college conducted blood donation camp on 26/9/2018. 80 units of blood collected from the college with the active participation of students and staff.



Figure 16



2. Independence Day Celebration

Viswajyothi College of engineering and technology celebrated Independence Day on 15th August 2019. Flag hosting and Independence Day message was delivered by our Principal Dr.Josephkunju Paul. 50 students took part in the Independence Day program.

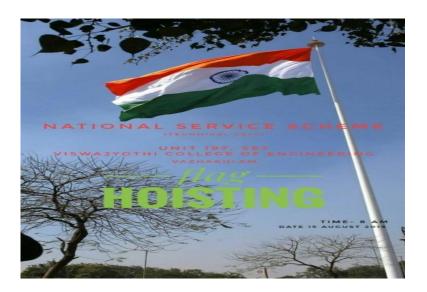


Figure 17

3. Republic Day Celebration

Republic day Celebration was held on 26-1-2020 in the college. Principal Dr.Josephkunju Paul C hoisted the flag and delivered the message. Strength of 55 including students and staff took part in the Republic day program

4. Teachers Day Celebration

Teachers Day was celebrated on 5/9/2019. A greeting card and flower bouquet are presented by the students to each faculty of the college.



5. Ozone Day Celebration

Ozone day celebrated on 16/9/2019. A poster making programme was conducted and students actively participated in the same.



Figure 18

6. Gandhi Jayanti Celebration

Gandhi Jayanti celebration was conducted on 2/11/19. The volunteers of NSS, staff and students actively participated in the programme.



7. Independence Day Celebration

Viswajyothi College of engineering and technology celebrated Independence Day on 15th August 2020. Flag hosting and Independence Day message was delivered by our Principal Dr.K.K. Rajan.



Figure 19





8. Constitution Day Celebration

Constitution Day celebrated on 26/11/2020. Adv.ShyamPadman took a webinar on Indian Constitution-Uniqueness & Features in Zoom platform.



Figure 20



Second year subject common to all branches

HUMANITIES

CODE	COURSE NAME	CATEGORY	Г	T	Р	CREDIT
MCN202	CONSTITUTION OF INDIA		2	0	0	NIL

Preamble:

The study of their own country constitution and studying the importance environment as well as understanding their own human rights help the students to concentrate on their day to day discipline. It also gives the knowledge and strength to face the society and people.

Prerequisite: Nil

Course Outcomes: After the completion of the course the student will be able to

CO 1	Explain the background of the present constitution of India and features.
CO 2	Utilize the fundamental rights and duties.
CO 3	Understand the working of the union executive, parliament and judiciary.
CO 4	Understand the working of the state executive, legislature and judiciary.
CO 5	Utilize the special provisions and statutory institutions.
CO 6	Show national and patriotic spirit as responsible citizens of the country

Mapping of course outcomes with program outcomes

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9		PO	PO
						_				10	11	12
CO 1						2	2	2		2		
CO 2						3	3	3		3		
CO 3						3	2	3		3		
CO 4			1			3	2	3	110	3		
CO 5						3	2	3		3		
CO 6						3	3	3		2		

Assessment Pattern

Bloom's Category	Continuou Tests	End Semester Examination	
	1	2	
Remember	20	20	40
Understand	20	20	40
Apply	10	10	20
Analyse			



HUMANITIES

Evaluate		
Create		

Mark distribution

Total Marks	CIE	ESE II A	ESE Duration
150	50	100	3 hours

Continuous Internal Evaluation Pattern:

Attendance : 10 marks
Continuous Assessment Test (2 numbers) : 25 marks
Assignment/Quiz/Course project : 15 marks

End Semester Examination Pattern: There will be two parts; Part A and Part B. Part A contain 10 questions with 2 questions from each module, having 3 marks for each question. Students should answer all questions. Part B contains 2 questions from each module of which student should answer any one. Each question can have maximum 2 sub-divisions and carry 14 marks.

Course Level Assessment Questions

Course Outcome 1 (CO1):

- 1 Discuss the historical background of the Indian constitution.
- 2 Explain the salient features of the Indian constitution.
- 3 Discuss the importance of preamble in the implementation of constitution.

Course Outcome 2 (CO2)

- 1 What are fundamental rights ? Examine each of them.
- 2 Examine the scope of freedom of speech and expression underlying the constitution.
- 3 The thumb impression of an accused is taken by the police against his will. He contends that this is a violation of his rights under Art 20(3) of the constitution. Decide.

Course Outcome 3(CO3):

1 Explain the powers of the President to suspend the fundamental rights during emergency.



HUMANITIES

- 2 Explain the salient features of appeal by special leave.
- 3. List the constitutional powers of President.

Course Outcome 4 (CO4):

- 1 Discuss the constitutional powers of Governor.
- 2 Examine the writ jurisdiction of High court.
- 3 Discuss the qualification and disqualification of membership of state legislature.

Course Outcome 5 (CO5):

- 1 Discuss the duties and powers of comptroller of auditor general.
- 2 Discuss the proclamation of emergency.
- 3 A state levies tax on motor vehicles used in the state, for the purpose of maintaining roads in the state. X challenges the levy of the tax on the ground that it violates the freedom of interstate commerce guaranteed under Art 301. Decide.

Course Outcome 6 (CO6):

- 1 Explain the advantages of citizenship.
- 2 List the important principles contained in the directive principles of state policy.
- 3 Discuss the various aspects contained in the preamble of the constitution

Model Question paper

PART A

(Answer all questions. Each question carries 3 marks)

- 1 Define and explain the term constitution.
- 2 Explain the need and importance of Preamble.
- 3 What is directive principle of state policy?
- 4 Define the State.
- 5 List the functions of Attorney general of India.



HUMANITIES

- 6 Explain the review power of Supreme court.
- 7 List the qualifications of Governor.
- 8 Explain the term and removal of Judges in High court.
- 9 Explain the powers of public service commission.
- 10 List three types of emergency under Indian constitution.

(10X3=30marks)

PART B

(Answer on question from each module. Each question carries 14 marks)

Module 1

- 11 Discuss the various methods of acquiring Indian citizenship.
- 12 Examine the salient features of the Indian constitution.

Module 2

- 13 A high court passes a judgement against X. X desires to file a writ petition in the supreme court under Art32, on the ground that the judgement violates his fundamental rights.
 Advise him whether he can do so.
- 14 What is meant by directive principles of State policy? List the directives.

Module3

- 15 Describe the procedure of election and removal of the President of India.
- 16 Supreme court may in its discretion grant special leave to appeal. Examine the situation.

Module 4

- 17 Discuss the powers of Governor.
- 18 X filed a writ petition under Art 226 which was dismissed. Subsequently, he filed a writ petition under Art 32 of the constitution, seeking the same remedy. The Government argued that the writ petition should be dismissed, on the ground of res judicata. Decide.

Module 5



HUMANITIES

- 19 Examine the scope of the financial relations between the union and the states.
- 20 Discuss the effects of proclamation of emergency.

(14X5=70marks)

Syllabus

- Module 1 Definition, historical back ground, features, preamble, territory, citizenship.
- Module 2 State, fundamental rights, directive principles, duties.
- Module 3 The machinery of the union government.
- Module 4 Government machinery in the states
- Module 5 The federal system, Statutory Institutions, miscellaneous provisions.

Text Books

- 1 D D Basu, Introduction to the constitution of India, Lexis Nexis, New Delhi, 24e, 2019
- 2 PM Bhakshi, The constitution of India, Universal Law, 14e, 2017

Reference Books

- 1 Ministry of law and justice, The constitution of India, Govt of India, New Delhi, 2019.
- 2 JN Pandey, The constitutional law of India, Central Law agency, Allahabad, 51e, 2019
- 3 MV Pylee, India's Constitution, S Chand and company, New Delhi, 16e, 2016

Course Contents and Lecture Schedule

Topic 2014	No. of Lectures
Module 1	
Definition of constitution, historical back ground, salient features of the constitution.	1
Preamble of the constitution, union and its territory.	1
Meaning of citizenship, types, termination of citizenship.	2
Module 2	
Definition of state, fundamental rights, general nature, classification, right to equality ,right to freedom , right against exploitation	2
	Module 1 Definition of constitution, historical back ground, salient features of the constitution. Preamble of the constitution, union and its territory. Meaning of citizenship, types, termination of citizenship. Module 2 Definition of state, fundamental rights, general nature,



HUMANITIES

2.2	Right to freedom of religion, cultural and educational rights, right	2
	to constitutional remedies. Protection in respect of conviction for	
	offences.	
2.3	Directive principles of state policy, classification of directives,	2
	fundamental duties.	
3	Module 3	
3.1	The Union executive, the President, the vice President, the	2
	council of ministers, the Prime minister, Attorney-General,	VI.
	functions.	Y
3.2	The parliament, composition, Rajya sabha, Lok sabha,	2
	qualification and disqualification of membership, functions of	Acres 1
	parliament.	
3.3	Union judiciary, the supreme court, jurisdiction, appeal by special	1
	leave.	
4	Module 4	
4.1	The State executive, the Governor, the council of ministers, the	2
	Chief minister, advocate general, union Territories.	
4.2	The State Legislature, composition, qualification and	2
	disqualification of membership, functions.	
4.3	The state judiciary, the high court, jurisdiction, writs jurisdiction.	1
5	Module 5	
5.1	Relations between the Union and the States, legislative relation,	1
	administrative relation, financial Relations, Inter State council,	
	finance commission.	
5.2	Emergency provision, freedom of trade commerce and inter	2
	course, comptroller and auditor general of India, public Services,	
	public service commission, administrative Tribunals.	
5.3	Official language, elections, special provisions relating to certain	2
	classes, amendment of the Constitution.	

2014



First year subject common to all branches

Course No.	Course Name	L-T-P-Credits	Year of Introduction
BE103	INTRODUCTION TO SUSTAINABLE	2-0-1-3	2016
BE103	ENGINEERING	2-0-1-3	2010

Course Objectives

- To have an increased awareness among students on issues in areas of sustainability
- To understand the role of engineering and technology within sustainable development;
- To know the methods, tools, and incentives for sustainable product-service system development
- To establish a clear understanding of the role and impact of various aspects of engineering and engineering decisions on environmental, societal, and economic problems.

Syllabus

Sustainability- need and concept, challenges, Environment acts and protocols, Global, Regional and Local environmental issues, Natural resources and their pollution, Carbon credits, Zero waste concept ISO 14000, Life Cycle Analysis, Environmental Impact Assessment studies, Sustainable habitat, Green buildings, green materials, Energy, Conventional and renewable sources, Technology and sustainable development, Sustainable urbanization, Industrial Ecology.

Expected outcome

The student will be

- Able to understand the different types of environmental pollution problems and their sustainable solutions
- Able to work in the area of sustainability for research and education
- Having a broader perspective in thinking for sustainable practices by utilizing the engineering knowledge and principles gained from this course

Reference Books:

- Allen, D. T. and Shonnard, D. R., Sustainability Engineering: Concepts, Design and Case Studies, Prentice Hall.
- Bradley. A.S; Adebayo, A.O., Maria, P. Engineering applications in sustainable design and development, Cengage learning
- Environment Impact Assessment Guidelines, Notification of Government of India, 2006
- Mackenthun, K.M., Basic Concepts in Environmental Management, Lewis Publication, London, 1998
- ECBC Code 2007, Bureau of Energy Efficiency, New Delhi Bureau of Energy Efficiency Publications-Rating System, TERI Publications GRIHA Rating System
- Ni bin Chang, Systems Analysis for Sustainable Engineering: Theory and Applications, McGraw-Hill Professional.
- Twidell, J. W. and Weir, A. D., Renewable Energy Resources, English Language Book Society (ELBS).



• Purohit, S. S., Green Technology - An approach for sustainable environment, Agrobios publication

	Course Plan		
Module	Contents	Hours	Sem. Exam Marks
Ī	Sustainability - Introduction, Need and concept of sustainability, Social-environmental and economic sustainability concepts. Sustainable development, Nexus between Technology and Sustainable development, Challenges for Sustainable Development. Multilateral environmental agreements and Protocols - Clean Development Mechanism (CDM), Environmental legislations in India - Water Act, Air Act.	L4	15%
	Students may be assigned to do at least one project eg: a) Identifying/assessment of sustainability in your neighbourhood in education, housing, water resources, energy resources, food supplies, land use, environmental protection etc. b) Identify the threats for sustainability in any selected area and explore solutions for the same	P1	1370
II	Air Pollution, Effects of Air Pollution; Water pollution- sources, Sustainable wastewater treatment, Solid waste - sources, impacts of solid waste, Zero waste concept, 3 R concept. Global environmental issues- Resource degradation, Climate change, Global warming, Ozone layer depletion, Regional and Local Environmental Issues. Carbon credits and carbon trading, carbon foot print.	L6	15%
	Students may be assigned to do at least one project for eg: a) Assessing the pollution status of a small area b) Programmes for enhancing public environmental awareness c) Observe a pond nearby and think about the different measures that can be adopted for its conservation	Р3	1370
	FIRST INTERNAL EXAM		
Ш	Environmental management standards, ISO 14000 series, Life Cycle Analysis (LCA) - Scope and Goal, Bio-mimicking, Environment Impact Assessment (EIA) - Procedures of EIA in India.	L4	
	Students may be assigned to do at least one project eg: a) Conducting LCA of products (cg. Aluminium cans, PVC bottles, cars etc. or activities (Comparison of land filling and open burning) b) Conducting an EIA study of a small project (eg. Construction of a building)	P2	15%



IV	Basic concepts of sustainable habitat, Green buildings, green materials for building construction, material selection for sustainable design, green building certification, Methods for increasing energy efficiency of buildings. Sustainable cities, Sustainable transport.	L5	15%
	Students may be assigned to do at least one project eg: a) Consider the design aspects of a sustainable building for your campus b) Explore the different methods that can be adopted for maintaining a	P2	1 13%
	sustainable transport system in your city. SECOND INTERNAL EXAM		
V	Energy sources: Basic concepts-Conventional and non-conventional, solar		
·	energy, Fuel cells, Wind energy, Small hydro plants, bio-fuels, Energy derived from oceans, Geothermal energy.	L5	
	Students may be assigned to do at least one project eg: a) Find out the energy savings that can be achieved by the installation of a solar water heater	P2	20%
	b) Conduct a feasibility study for the installation of wind mills in Kerala		
VI	Green Engineering, Sustainable Urbanisation, industrialisation and poverty reduction; Social and technological change, Industrial Processes: Material selection, Pollution Prevention, Industrial Ecology, Industrial symbiosis.	L5	
	Students may be assigned to do a group project eg: a) Collect details for instances of climate change in your locality b) Find out the carbon credits you can gain by using a sustainable transport system (travelling in a cycle or car pooling from college to home) c) Have a debate on the topics like: Industrial Ecology is a Boon or Bane for Industries?/Are we scaring the people on Climate Change unnecessarily?/Technology enables Development sustainable or the root cause of unsustainability?	Р3	20%
	END SEMESTER EXAM		