



DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to JNTU, Kakinada)

An ISO 9001-2015 Certified Institution

Ganguru, Vijayawada- 521139.

DEPARTMENT OF CIVIL ENGINEERING

SEMESTER WISE TABLE

ACADEMIC YEAR	CIVIL-I		CIVIL-II		CIVIL-III		CIVIL-IV	
	SEM-I	SEM-II	SEM-I	SEM-II	SEM-I	SEM-II	SEM-I	SEM-II
2014-15	--	PE&HV	--	--	--	--	--	--
2015-16	--	PE&HV	--	--	--	--	--	--
2016-17	--	--	--	--	--	--	--	--
2017-18	--	--	PE&HV	--	--	--	--	--
2018-19	--	--	PE&HV	--	--	--	--	--



Doc done
21/8/2019

Principai
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



Time Table

Branch: CE-B

Year/Sem: I B. Tech./II Sem

Academic Year: 2014-15

w.e.f: 9/2/15

Period/Day	1	2	3	4	5	1:10-2:00	6	7	8
	9:00-9:50	9:50-10:40	10:40-11:30	11:30-12:20	12:20-1:10		2:00-2:50	2:50-3:40	3:40-4:30
Mon	ENG	EP	← ITWS / ENGG.WS →			L U N C H	PEHV	M II	EP
Tue	ENG	PEHV	← ED (FF CIVIL DH) →				M III	← EP (B) / M II (A) →	
Wed	M III	M II	EP	← M II (B) / M III (A) →			← EP (A) / ECS (B) →		
Thu	PEHV	M II	ENG	← EP (A) / M III (B) →			EP	M III	LIB/SPS
Fri	M II	M III	← EP (B) / ECS (A) →				M II	PEHV	ENG
Sat	EP	← ED (FF MEC DH) →					M III	← ED / EPVL →	

	Subject	Faculty
ENG	ENGLISH	Mr.B. Srinivasa Rao
M-II	MATHEMATICS-II	Dr.B.V.S.N. Hari Prasad
M-III	MATHEMATICS-III	Mr.S.V. K.Sarma
PHY	ENGINEERING PHYSICS	Dr. M. Nagarjuna
PEHV	PROFESSIONAL ETHICS AND HUMAN VALUES	Dr. Ch. Srilakshmi
ED	ENGINEERING DRAWING	Mr.M.Naga Raju

	Labs	Faculty
ECS	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	Mr. B. Srinivasa Rao/ Mr. M. Venkateswarlu
EP	ENGINEERING PHYSICS LAB	Dr. M. Nagarjuna/ Mrs. D. Radha
EWS	ENGINEERING WORKSHOP	Ms. M. Parvathi Devi
ITWS	IT WORKSHOP	Mr. K.V.Narayana
PVL	PHYSICS VIRTUAL LAB	Mrs.M. Silpa

Time Table I/C

[Handwritten Signature]

[Handwritten Signature]
I Year Coordinator
HEAD OF THE DEPARTMENT
BS&H; Coordinator, I B.Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada

Principal





Time Table

Branch: CE-A

Year/Sem: I B. Tech./II Sem

Academic Year: 2014-15

w.e.f: 9/2/15

Period/Day	1	2	3	4	5	1:10-2:00	6	7	8
	9:00-9:50	9:50-10:40	10:40-11:30	11:30-12:20	12:20-1:10		2:00-2:50	2:50-3:40	3:40-4:30
Mon	M III	← ED (FF MEC DH) →				L U N C H	ENG	← EP (B) / M II (A) →	
Tue	PEHV	M III	M III	ENG	EP		← EP(A)/ ECS (B) LAB →		
Wed	EP	M II	← ITWS / ENGG.WS →				PEHV	← M II (B) / M III (A) →	
Thu	M III	EP	← ED (FF MEC DH) →				← EP (B) / ECS (A) →		
Fri	M II	PEHV	EP	← ED / EPVL →			ENG	M-III	M II
Sat	ENG	M II	PEHV	← EP (A) / M III (B) →			M II	EP	LIB/SPS

	Subject	Faculty
ENG	ENGLISH	Mr. B. Srinivasa Rao
M-III	MATHEMATICS-III	Mr. S.V.K. Sarma
M-II	MATHEMATICS-II	Mrs. K.V.P. Vineela
PHY	ENGINEERING PHYSICS	Mrs. M. Silpa
PEHV	PROFESSIONAL ETHICS AND HUMAN VALUES	Dr. Ch. Srilakshmi
ED	ENGINEERING DRAWING	Mr. M. NagaRaju

	Labs	Faculty
ECS	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	Mr. B. Srinivasa Rao/Mr. M. Venkateswarlu
EP	ENGINEERING PHYSICS LAB	Mrs.M.Silpa/Mrs.D.Radha
EWS	ENGINEERING WORKSHOP	Mr. P. Srikanth
ITWS	IT WORKSHOP	Mr. K. V. Narayana
PVL	PHYSICS VIRTUAL LAB	Mrs. K. A. Sasi Kala

Time Table I/C

I Year Coordinator

HEAD OF THE DEPARTMENT
US&H; Coordinator, I B Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA - 521 139

Principal





Time Table

Branch: CE-A

Year/Sem: I B. Tech/II Sem

Academic Year: 2015-16

w.e.f: 14/12/2015

Period/Day	1	2	10.40-10.50	3	4	5	1:10-2:00	6	7	8
	9:00-9:50	9:50-10:40		10:50-11:30	11:30-12:20	12:20-1:10		2:00-2:50	2:50-3:40	3:40-4:30
Mon	M-III	ENG	B R E A K	M-II	EP	M-III	L U N C H	PEHV	M-II	LIB/SPS
Tue	EP	M-II		ENG	PEHV	M-III		<--- ECS(A)/ EP(B) Lab --->		
Wed	PEHV	M-III		<---EP(A)/ECS(B) Lab--->				M-II	EP	M-III
Thu	ENG	PEHV		M-II	<---ED/VL--->			EP	M-III	M-II
Fri	EP	<---ED--->		<---ED--->				<---ED--->		
Sat	M-II	M-III		EP	ENG	EP		<---EWS/ITWS--->		

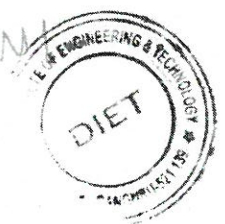
	Subject	Faculty
ENG	English II	Mr. B.Srinivasa Rao
M-III	Mathematics III	Mr. S.V. Krishna Sarma
M-II	Mathematics-II	Mr.G.R.Ganesh
EP	Engineering Physics	Ms.K.A.Sasikala
PEHV	Professional Ethics & Human Values	Dr.Sri Lakshmi.Ch
ED	Engineering Drawing	Mr.M.Nagaraju

	Labs	Faculty
ECSL- II	English-Communication Skills Lab-II	Mr. B. Srinivasa Rao/Mr. Ch.V. Sankara Rao
EP	Engineering Physics Lab	Ms.K.A.Sasikala/Ms.D. Radha
EWS	Engineering Workshop	Mr. Md. Raza Ali
ITWS	IT Workshop	Ms.N.Sri Lakshmi
EPVL	Engineering Physics & Virtual Lab Assignments	Ms.K.A.Sasikala

Time Table I/C

B. Venkatesh
1st Year Coordinator
HEAD OF THE DEPARTMENT
BS&H; Coordinator, I B.Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY

B. Venkatesh
Principal





DhaneKula Institute of Engineering & Technology
(Approved by AICTE, New Delhi; Affiliated to JNTU, Kakinada)
Ganguru, Vijayawada – 521 139

DIET/7.5.1/FT 12

Time Table

Branch: CE-B

Year/Sem: I B. Tech./II Sem

Academic Year: 2015-16

w.e.f: 14/12/2015

Period/Day	1	2	10.40-10.50	3	4	5	1:10-2:00	6	7	8	
	9:00-9:50	9:50-10:40		10:50-11:30	11:30-12:20	12:20-1:10		2:00-2:50	2:50-3:40	3:40-4:30	
Mon	EP	<---ED--->	B R E A K	<---ED--->			L U N C H	<---ED--->			
Tue	EP	M-III		PEHV	M-II	ENG		M-III	EP	LIB/SPS	
Wed	ENG	M-II		PEHV	<---ED/VL--->			M-III	M-II	EP	
Thu	M-II	M-III		EP	M-II	PEHV		<--- ECS(A)/ EP(B) Lab--->			
Fri	M-III	EP		M-II	EP	ENG		<---EWS/ITWS--->			
Sat	PEHV	M-II		ENG	M-III	M-III		<---EP(A)/ECS(B) Lab--->			

	Subject	Faculty
ENG	English II	Mr. T. Siva Nagaraju
M-III	Mathematics III	Mr. S.V. Krishna Sarma
M-II	Mathematics-II	Dr. B.V.S.N.Hari Prasad
EP	Engineering Physics	Ms. M.Silpa
PEHV	Professional Ethics & Human Values	Dr.Sri Lakshmi.Ch
ED	Engineering Drawing	Mr.M.Nagaraju

	Labs	Faculty
ECSL	English-Communication Skills Lab-II	Mr. T. Siva Nagaraju/Mr. M. Venkateswarlu
EP	Engineering Physics Lab	Ms. M.Silpa/Ms.D. Radha
EWS	Engineering Workshop	Mr. K. Ravi
ITWS	IT Workshop	Ms.N.Sri Lakshmi
EPVL	Engineering Physics & Virtual Lab Assignments	Ms. M.Silpa

Time Table I/C

Srinivas Reddy
HEAD OF THE DEPARTMENT
BS&H; Coordinator, I B.Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA - 521 139

Principal





Civil Engineering

UG TIME TABLE

Name of the Program: B. Tech in CE Class/Sem: II B. Tech Sem-I Section- A

Class Room No: S30

A.Y: 2018-19

W.E.F: 11/06/2018

	1 9:00- 9:50	2 9:50- 10:40	10:40- 10:50	3 10:50- 11:30	4 11:30- 12:20	5 12:20- 1:10	1:10- 2:00	6 2:00- 2:50	7 2:50-3:40	8 3:40- 4:30
MON	P&S	FM		FM	SV	Internet		SFW-I / SM LAB		
TUE	SV	CSL		BEEE(T)	CT(BEEE/ P&S)	P&S(T)		FM	BMC	SM-I
WED	BMC	PE&H		SFW-I / SM LAB				BEEE	BEEE	Sports
THU	P&S			BMC(T)	CT (BMC/SM-I)	SM-I(T)		FM(T)	CT(FM/SV)	SV(T)
FRI	BEEE			SV	P&S	Library		BMC	SM-I	PE&H
SAT	FM	SM-I		SM-I	BMC	PE&H		AA		SV

Theory/Lab		Faculty Name	L	T	P	O	Sign
BEEE	Basic Electronics & Electrical Engineering	Ch. Anil Kumar	4	1	--	--	Ch. Anil
P&S	Probability & Statistics	G. Raghvendra Ganesh	4	1	--	--	G. Raghvendra
SM-I	Strength of Material-I	T. Rajini Devi	4	1	--	--	T. Rajini
BMC	Building Material & Construction	K. Sribindu	4	1	--	--	K. Sribindu
SV	Surveying	M. Jeelani	4	1	--	--	M. Jeelani
FM	Fluid Mechanics	K. P. Manjusha	4	1	--	--	K. P. Manjusha
SV LAB	Surveying Lab	M. Jeelani/ V. Naga Raja	--	--	3	--	M. Jeelani / V. Naga Raja
SM LAB	Strength Materials Lab	G. Priyanka/ I. Vara Lakshmi	--	--	3	--	G. Priyanka / I. Vara Lakshmi
PE&H	Professional Ethics & Human Values	P. Rajasri	--	3	--	--	P. Rajasri
AA	Association Activities	T. Raini Devi	--	--	--	2	T. Raini Devi
CSL	Counseling	M. Jeelani/Ch. Hema Sindhusa/ I. Vara Lakshmi	--	--	--	1	M. Jeelani / Ch. Hema / I. Vara
LIB	Library	V. Naga Raja	--	--	--	1	V. Naga Raja
SPORTS	Sports	K. Vamsi Krishna	--	--	--	1	K. Vamsi Krishna
Internet	Internet	T. Kishore Kumar	--	--	--	1	T. Kishore Kumar
CT	Class Test	-	--	--	--	3	
Class In charge & ACT Coordinator		M. Jeelani					M. Jeelani

Coordinator / Date

HOD / Date

Principal

PRINCIPAL

DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139



Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY
Civil Engineering



DIET/7.5.1/FT 12

UG TIME TABLE

Name of the Program: B. Tech in CE Class/Sem: II B. Tech Sem-I Section-B

Class Room No:S31

A.Y: 2018-19

W.E.F: 11/06/2018

	1 9:00-9:50	2 9:50-10:40	10:40-10:50	3 10:50-11:30	4 11:30-12:20	5 12:20-1:10	1:10-2:00	6 2:00-2:50	7 2:50-3:40	8 3:40-4:30
MON	PE&H	SV		BEEE(T)	CT (BEEE/P&S)	P&S(T)		Internet	FM	
TUE	BEEE	PE&H		BMC(T)	CT (BMC/SM-I)	SM-I(T)		SFW-I / SM LAB		
WED	SM-I			Csl	P&S	P&S		SV	BEEE	
THU	SV	BEEE		PE&H	AA			BMC	Sports	
FRI	FM			SM-I		BMC		SFW-I / SM LAB		
SAT	BMC	P&S		SV(T)	CT(FM/SV)	FM(T)		BEEE	P&S	Library

Theory/Lab	Faculty Name	L	T	P	O	Sign
BEEE	Basic Electronics & Electrical Engineering B. Santhosh Kumar	4	1	--	--	<i>[Signature]</i>
P&S	Probability & Statistics G. Raghvendra Ganesh	4	1	--	--	<i>[Signature]</i>
SM-I	Strength of Material T. Rajini Devi	4	1	--	--	<i>[Signature]</i>
BMC	Building Material & Construction I. Vara Lakshmi	4	1	--	--	<i>[Signature]</i>
SV	Surveying M. Jeelani	4	1	--	--	<i>[Signature]</i>
FM	Fluid Mechanics K. P. Manjusha	4	1	--	--	<i>[Signature]</i>
SV LAB	Surveying Lab M. Jeelani/ V. Naga Raja	--	--	3	--	<i>[Signature]</i>
SM LAB	Strength Materials Lab G. Priyanka/ I. Vara Lakshmi	--	--	3	--	<i>[Signature]</i>
PE&H	Professional Ethics & Human Values P. Rajasri	--	3	--	--	<i>[Signature]</i>
AA	Association Activities A. Rashid	--	--	--	2	<i>[Signature]</i>
CSL	Counseling T. Kishore Kumar/V. Swathi Padmaja/ G. Priyanka	--	--	--	1	<i>[Signature]</i>
LIB	Library B. Vijaya Lalitha	--	--	--	1	<i>[Signature]</i>
SPORTS	Sports T. Kishore Kumar	--	--	--	1	<i>[Signature]</i>
Internet	Internet Ch. Srivarma	--	--	--	1	<i>[Signature]</i>
CT	Class Test -	--	--	--	3	<i>[Signature]</i>
Class In charge & ACT Coordinator T. Kishore Kumar						<i>[Signature]</i>

[Signature]
VE Coordinator / Date

[Signature]
HOD / Date
11/6/18
HoD
Department of Civil Engineering,
DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 139.

[Signature]
Principal
Principal
DHANEKULA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada-521 139

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

Civil Engineering



DIET/7.5.1/FT 12

UG TIME TABLE

Name of the Program: B. Tech in CE

Class/Sem: II B. Tech Sem-I Section- A

Class Room No: S 31

A.Y: 2017-18

W.E.F: 12/06/2017

	1 9:00-9:50	2 9:50-10:40	10:40- 10:50	3 10:50-11:30	4 11:30-12:20	5 12:20-1:10	1:10- 2:00	6 2:00-2:50	7 2:50-3:40	8 3:40-4:30
MON	BEEE	FM	BREAK	FM	SV	PE&H	LUNCH	SV/ SM LAB		
TUE	SV	BMC		SM-I	P&S	BEEE		APSSDC/AA-SM-I(MC), FM(MC), PE&H		
WED	BMC	P&S		SV/SM LAB				APSSDC/ BEEE(T)/ P&S(T)	APSSDC/ P&S (MC)	APSSDC/ AA
THU	SM-I	SV		BMC(T)/ SV(T)	SOFT SKILLS			P&S	CSL/FM	LIB/ MC
FRI	PE&H	P&S		BEEE	SV(T) /BMC(T)	BMC		SM-I	SM-I(T)/ FM(T)	SV
SAT	FM	FM(T)/ SM(T)		QA	BEEE	P&S(T)/ BEEE(T)		BMC	SM-I	SPORTS

Theory/Lab		Faculty Name	L	T	P	O	Sign
BEEE	Basic Electronics & Electrical Engineering	T. Venkateswara Rao	4	1	--	--	<i>T.V.R.</i>
P&S	Probability & Statistics	G. Raghavendra Ganesh	4	1	--	--	<i>G.R.G.</i>
SM-I	Strength of Materials I	T. Rajini Devi	4	1	--	--	<i>T.R.D.</i>
BMC	Building Materials & Construction	K. Sri Bindu	4	1	--	--	<i>K.S.B.</i>
SV	Surveying	N. Jagadeesh	4	1	--	--	<i>N.J.</i>
FM	Fluid Mechanics	K P Manjusha	4	1	--	--	<i>K.P.M.</i>
SV LAB	Surveying Lab	N. Jagadeesh, V. Naga Raja	--	--	3	--	<i>N.J., V.N.R.</i>
SMLAB	Strength of Materials Lab	K. Vamsi Krishna, B. Swathi	--	--	3	--	<i>K.V.K., B.S.</i>
PE & H	Professional Ethics & Human Values	K. Brahmani	--	3	--	--	<i>K.B.</i>
SOFT SKILLS	Soft Skills	O. Ramya	--	--	--	2	<i>O.R.</i>
SDP/AA	Skill Development Program/Association Act.	O. Ramya	--	--	--	3	<i>O.R.</i>
QA	Quantitative Aptitude	P. Madhu Latha	--	--	--	1	<i>P.M.L.</i>
CSL	Counseling	G. Amar	--	--	--	1	<i>G.A.</i>
LIB	Library	G. Amar	--	--	--	1	<i>G.A.</i>
SPORTS	Sports	G. Amar	--	--	--	1	<i>G.A.</i>
MC	Make Up Class		--	--	--	--	<i>G.A.</i>
Class Incharge & ACT Coordinator		G. Amar					

[Signature]
T.T. Coordinator /Date



[Signature]
HOD / Date

Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 137

[Signature]
Principal

DHANEKULA INSTITUTE OF ENGINEERING & TECHNOLOGY

Civil Engineering



DIET/7.5.1/FT 12

UG TIME TABLE

Name of the Program: B. Tech in CE

Class/Sem: II B. Tech Sem-I Section-B

Class Room No: S 32

A.Y: 2017-18

W.E.F: 12/06/2017

	1 9:00-9:50	2 9:50-10:40	10:40-10:50	3 10:50-11:30	4 11:30-12:20	5 12:20-1:10	1:10-2:00	6 2:00-2:50	7 2:50-3:40	8 3:40-4:30	
MON	PE&H	SV(T)/BMC(T)	BREAK	BMC	P&S	BMC	LUNCH	SM-I	SM-I(T)/FM(T)	BEEE	
TUE	P&S	FM		BEEE	BMC(T)/SV(T)	SV		APSSDC/PE&H	APSSDC/P&S(MC)	APSSDC/LIBRARY	
WED	SV	FM(T)/SM-I(T)		PE&H	QA	P&S		APSSDC/ AA - FM, SM-I (MC)			
THU	BMC	BEEE(T)/P&S(T)		P&S	SM-I	SM-I		SV/ SM LAB			
FRI	SOFT SKILLS			FM	BEEE	BEEE		SV	BMC	SPORTS	
SAT	SM-I	SV		SV/ SM LAB				FM	CSL/ FM	P&S(T)/BEEE(T)	

Theory/Lab		Faculty Name	L	T	P	O	Sign
BEEE	Basic Electronics & Electrical Engineering	T. Venkateswara Rao	4	1	--	--	
P&S	Probability & Statistics	G. Raghavendra Ganesh	4	1	--	--	
SM-I	Strength of Material	T. Rajini Devi	4	1	--	--	
BMC	Building Material & Construction	K. Sri Bindu	4	1	--	--	
SV	Surveying	N. Jagadeesh	4	1	--	--	
FM	Fluid Mechanics	K P Manjusha	4	1	--	--	
SV LAB	Surveying Lab	N. Jagadeesh, V. Naga Raja	--	--	3	--	
SM LAB	Strength Materials Lab	K. Vamsi Krishna, B. Swathi	--	--	3	--	
PE&H	Professional Ethics & Human Values	K. Brahmani	--	3	--	--	
SOFTSKILLS/MC	Soft Skills/ Make Up Class	O. Ramya	--	--	--	2	
SDP/AA	Skill Development Program/Association Act.	N. Jagadeesh	--	--	--	3	
QA	Quantitative Aptitude	P. Madhu Latha	--	--	--	1	
CSL	Counseling	V. Naga Raja	--	--	--	1	
LIB	Library/Makeup Class	V. Naga Raja	--	--	--	1	
SPORTS	Sports/Makeup Class	V. Naga Raja	--	--	--	1	
MC	Make Up Class						
Class Incharge & ACT Coordinator		V. Naga Raja					

T.T. Coordinator/ Date



Head / Date
12/06/2017
Department of Civil Engineering
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada - 521 139

Principal

I Year – II SEMESTER

T	P	C
3+1	0	3

Professional Ethics and Human Values**UNIT I : Human Values:**

Morals, Values and Ethics – Integrity – Work Ethics – Service Learning – Civic Virtue – Respect for others – Living Peacefully – Caring – Sharing – Honesty – Courage – Value time – Co-operation – Commitment – Empathy – Self-confidence – Spirituality- Character.

UNIT II : Engineering Ethics:

The History of Ethics-Purposes for Engineering Ethics-Engineering Ethics-Consensus and Controversy –Professional and Professionalism –Professional Roles to be played by an Engineer –Self Interest, Customs and Religion-Uses of Ethical Theories-Professional Ethics-Types of Inquiry – Engineering and Ethics-Kohlberg’s Theory – Gilligan’s Argument –Heinz’s Dilemma.

UNIT III : Engineering as Social Experimentation:

Comparison with Standard Experiments – Knowledge gained – Conscientiousness – Relevant Information – Learning from the Past – Engineers as Managers, Consultants, and Leaders – Accountability – Role of Codes – Codes and Experimental Nature of Engineering.

UNIT IV : Engineers’ Responsibility for Safety and Risk:

Safety and Risk, Concept of Safety – Types of Risks – Voluntary v/s Involuntary Risk- Short term v/s Long term Consequences- Expected Probability- Reversible Effects- Threshold Levels for Risk- Delayed v/s Immediate Risk- Safety and the Engineer – Designing for Safety – Risk-Benefit Analysis-Accidents.

UNIT V : Engineers’ Responsibilities and Rights:

Collegiality-Techniques for Achieving Collegiality –Two Senses of Loyalty-obligations of Loyalty-misguided Loyalty – professionalism and Loyalty-Professional Rights –Professional Responsibilities – confidential and proprietary information-Conflict of Interest-solving conflict problems – Self-interest, Customs and Religion- Ethical egoism-Collective bargaining-Confidentiality-Acceptance of Bribes/Gifts-when is a Gift and a Bribe-examples of Gifts v/s Bribes-problem solving-interests in other companies-Occupational Crimes-industrial espionage-price fixing-endangering lives-Whistle Blowing-types of whistle blowing-when should it be attempted-preventing whistle blowing.



UNIT VI : Global Issues:

Globalization- Cross-culture Issues-Environmental Ethics-Computer Ethics-computers as the instrument of Unethical behaviour-computers as the object of Unethical Acts-autonomous computers-computer codes of Ethics-Weapons Development-Ethics and Research-Analysing Ethical Problems in Research-Intellectual Property Rights.

Text Books:

1. "Engineering Ethics and Human Values" by M.Govindarajan, S.Natarajan and V.S. SenthilKumar-PHI Learning Pvt. Ltd-2009.
2. "Professional Ethics and Morals" by Prof.A.R.Aryasri, Dharanikota Suyodhana-Maruthi Publications.
3. "Professional Ethics and Human Values" by A.Alavudeen, R.Kalil Rahman and M.Jayakumaran- Laxmi Publications.
4. "Professional Ethics and Human Values" by Prof. D.R. Kiran-
5. "Indian Culture, Values and Professional Ethics" by PSR Murthy-BS Publication.
6. "Ethics in Engineering" by Mike W. Martin and Roland Schinzinger – Tata Mc Graw-Hill – 2003.
7. "Engineering Ethics" by Harris, Pritchard and Rabins, CENGAGE Learning, India Edition, 2009.



II Year - I Semester

L	T	P	C
0	3	0	0

PROFESSIONAL ETHICS AND HUMAN VALUES

Course Objectives:

*To give basic insights and inputs to the student to inculcate Human values to grow as a responsible human beings with proper personality.

*Professional Ethics instills the student to maintain ethical conduct and discharge their professional duties.

Outcome:

*It gives a comprehensive understanding of a variety issues that are encountered by every professional in discharging professional duties.

*It provides the student the sensitivity and global outlook in the contemporary world to fulfill the professional obligations effectively.

UNIT I: Human Values: Morals, Values and Ethics – Integrity –Trustworthiness - Work Ethics – Service Learning – Civic Virtue – Respect for others – Living Peacefully – Caring – Sharing – Honesty –Courage – Value Time – Co-operation – Commitment – Empathy – Self-confidence – Spirituality- Character.

UNIT: II: Principles for Harmony: Truthfulness – Customs and Traditions -Value Education – Human Dignity – Human Rights – Fundamental Duties - Aspirations and Harmony (I, We & Nature) – Gender Bias - Emotional Intelligence – Salovey – Mayer Model – Emotional Competencies – Conscientiousness.

UNIT III: Engineering Ethics and Social Experimentation:

History of Ethics - Need of Engineering Ethics - Senses of Engineering Ethics- Profession and Professionalism —Self Interest - Moral Autonomy – Utilitarianism – Virtue Theory - Uses of Ethical Theories - Deontology- Types of Inquiry –Kohlberg’s Theory - Gilligan’s Argument –Heinz’s Dilemma - Comparison with Standard Experiments — Learning from the Past –Engineers as Managers – Consultants and Leaders – Balanced Outlook on Law - Role of Codes – Codes and Experimental Nature of Engineering.

UNIT IV: Engineers’ Responsibilities towards Safety and Risk:

Concept of Safety - Safety and Risk – Types of Risks – Voluntary v/sInvoluntary Risk – Consequences - Risk Assessment – Accountability – Liability - Reversible Effects - Threshold Levels of Risk - Delayed v/sImmediate Risk - Safety and the Engineer – Designing for Safety – Risk-Benefit Analysis-Accidents.



UNIT V: Engineers' Duties and Rights:

Concept of Duty - Professional Duties – Collegiality - Techniques for Achieving Collegiality – Senses of Loyalty - Consensus and Controversy - Professional and Individual Rights – Confidential and Proprietary Information - Conflict of Interest-Ethical egoism - Collective Bargaining – Confidentiality - Gifts and Bribes - Problem solving-Occupational Crimes-Industrial Espionage- Price Fixing-Whistle Blowing.

UNIT VI: Global Issues:

Globalization and MNCs –Cross Culture Issues - Business Ethics – Media Ethics - Environmental Ethics – Endangering Lives - Bio Ethics - Computer Ethics - War Ethics – Research Ethics -Intellectual Property Rights.

References:

1. Professional Ethics, R. Subramaniam – Oxford Publications, New Delhi.
2. Ethics in Engineering, Mike W. Martin and Roland Schinzinger - Tata McGraw-Hill – 2003.
3. Professional Ethics and Morals, A. R. Aryasri, Dharanikota Suyodhana - Maruthi Publications.
4. Engineering Ethics, Harris, Pritchard and Rabins, Cengage Learning, New Delhi.
5. Human Values & Professional Ethics, S. B. Gogate, Vikas Publishing House Pvt. Ltd., Noida.
6. Engineering Ethics & Human Values, M. Govindarajan, S. Natarajan and V. S. SenthilKumar-PHI Learning Pvt. Ltd – 2009.
7. Professional Ethics and Human Values, A. Alavudeen, R.Kalil Rahman and M. Jayakumaran – University Science Press.
8. Professional Ethics and Human Values, D. R. Kiran-Tata McGraw-Hill - 2013
9. Human Values And Professional Ethics, Jayshree Suresh and B. S. Raghavan, S.Chand Publications

