



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 COMPUTER SCIENCE AND ENGINEERING

SEMESTER WISE TABLE

ACADEMIC YEAR	CSE-I		CSE -II		CSE -III		CSE -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	--	--	--	--	--	--	--	--
2018-19	--	--	--	--	PE&HV	--	--	--

N. Srinivas
5/8/2019

PRINCIPAL

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





Time Table

Branch: CSE-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	PEHV	ENG	M III	M II	L U N C H	← EP (A) / ECS (B) →		
Tue	PEHV	EP	← EP (B) / ECS (A) →				← ED (CIVIL DH) →		
Wed	EP	MII	M III	← EP (B) / M II (A) →			ENG	← ED/ EPVL →	
Thu	M II	EP	← ITWS/ ENGG. WS →				PEHV	← EP (A) / M-III (B) →	
Fri	ENG	← ED (FF- DH) →			← M II (B) / M-III (A) →		LIB/SPS		
Sat	PEHV	EP	M II	M III	ENG		MIII	MII	EP

	Subject	Faculty
ENG	ENGLISH	Mrs. J. Pushpa latha
M-III	MATHEMATICS-III	Mr. V. Ramana Rao
M-II	MATHEMATICS-II	Mr. G. Raghavendra Ganesh
PHY	ENGINEERING PHYSICS	Mrs. K. A. Sasikala
PEHV	PROFESSIONAL ETHICS AND HUMAN VALUES	Mrs. D. Bhargavi
ED	ENGINEERING DRAWING	Mr. Naga Varun

	Labs	Faculty
ECS	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	Mrs. J. Pushpa latha
EP	ENGINEERING PHYSICS LAB	Mrs. K.A.Sasikala/ Mrs.D.Radha
EWS	ENGINEERING WORKSHOP	Ms. M. Parvathi Devi
ITWS	IT WORKSHOP	Mrs. N. Srilakshmi
PVL	PHYSICS VIRTUAL LAB	Mr.K.A. Sasi Kala

Time Table I/C

Brent Harsh Band
I Year Coordinator
HEAD OF THE DEPARTMENT
bS&H; Coordinator, I B Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA - 521 139

[Handwritten Signature]
Principal



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



Time Table

Branch: CSE-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	M II	EP	← ED (GF- DH) →			L U N C H	MIII	← ED / EPVL →	
Tue	EP	MII	← ITWS / ENGG. WS →				← M II (A) / M III (B) →		LIB/SPS
Wed	ENG	PEHV	← EP (A) / ECS (B) →				M III	← EP (A) / M II (B) →	
Thu	M III	M III	PEHV	← EP (B) / M III (A) →			M II	M II	ENG
Fri	EP	M III	ENG	PEHV	EP		← EP (B) / ECS (A) →		
Sat	PEHV	EP	ENG	M II	ED		← ED (GF- DH) →		

	Subject	Faculty
ENG	ENGLISH	Mrs. J. Pushpa latha
M-III	MATHEMATICS-III	Mr. V. Ramana Rao
M-II	MATHEMATICS-II	Mr. G. Raghavendra Ganesh
PHY	ENGINEERING PHYSICS	Mrs. M. Silpa
PEHV	PROFESSIONAL ETHICS AND HUMAN VALUES	Dr. Ch. Srilakshmi
ED	ENGINEERING DRAWING	Mr. Md.Raza Ali

	Labs	Faculty
ECS	ENGLISH LANGUAGE COMMUNICATION SKILLS LAB	Mrs. J. Pushpa latha
EP	ENGINEERING PHYSICS LAB	Mrs. M.Silpa/Mrs. D. Radha
EWS	ENGINEERING WORKSHOP	Mr. K. Ravi
ITWS	IT WORKSHOP	Mrs. N. Srilakshmi
PVL	PHYSICS VIRTUAL LAB	Dr. M. Nagarjuna

Time Table I/C

Dr. N. Hanumanth Rao
Year Coordinator
HEAD OF THE DEPARTMENT
BS&H; Coordinator, I B.Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, VIJAYAWADA - 521 139

Principal





Time Table

Branch: CSE-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-II	EP	B R E A K	PEHV	ENG	M-III	L U N C H	<--- ECS(A)/ EP(B) Lab --->		
Tue	M-III	M-III		EP	M-II	EP		ENG	PEHV	LIB/SPS
Wed	EP	<---ED---		<---ED---				<---ED---		
Thu	ENG	EP		PEHV	M-II	M-III		M-III	M-II	EP
Fri	PEHV	M-II		<---EP(A)/ECS(B) Lab--->				M-III	EP	M-II
Sat	ENG	M-II		<--- ITWS(A)/EWS(B) --->				M-III	<---ED(A)/VL(B)--->	

	Subject	Faculty
ENG	English- II	Ms.J.Pushpa Latha
M-III	Mathematics- III	Mr. V.Ramana Rao
M-II	Mathematics-II	Ms.K.V.P.Vineela
EP	Engineering Physics	Ms.K.A.Sasikala
PEHV	Professional Ethics & Human Values	Dr.Sri Lakshmi.Ch
ED	Engineering Drawing	Dr. Ravi.K.

	Labs	Faculty
ECSL- II	English-Communication Skills Lab-II	Ms.J.Pushpa Latha/Mr. M. Venkateswarlu
EP	Engineering Physics Lab	Ms.K.A.Sasikala/Ms.D. Radha
EWS	Engineering Workshop	Mr.P. Govind Reddy
ITWS	IT Workshop	Ms.M.N.Sindhu
EPVL	Engineering Physics & Virtual Lab Assignments	Ms.K.A.Sasikala

Time Table I/C

B. Venkateswarlu
I-Year Coordinator
HEAD OF THE DEPARTMENT
BS&H; Coordinator, I B.Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY
Ganguru, Vijayawada

Principal



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Ganguru, Vijayawada – 521 139



DIET/7.5.1/FT 12

Branch: CSE-B

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

Time Table

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	ENG	PEHV	B R E A K	M-III	EP	EP	L U N C H	<---EWS/ITWS--->			
Tue	PEHV	M-II		<--- ECS(A)/ EP(B) Lab--->				EP	M-III	ENG	
Wed	M-III	EP		ENG	PEHV	EP		M-II	M-II	LIB/SPS	
Thu	M-III	M-II		<---EP(A)/ECS(B) Lab--->				M-II	M-III	EP	
Fri	EP	M-III		PEHV	<---ED/VL--->			ENG	M-II	M-III	
Sat	M-II	<---ED--->		<---ED--->				<---ED--->			

	Subject	Faculty
ENG	English -II	Ms.J.Pushpa Latha
M-III	Mathematics -III	Mr. V.Ramana Rao
M-II	Mathematics-II	Ms.K.V.P.Vineela
EP	Engineering Physics	Dr.M.Nagarjuna
PEHV	Professional Ethics & Human Values	Dr.Sri Lakshmi.Ch
ED	Engineering Drawing	Mr. K. Ravi

	Labs	Faculty
ECSL- II	English-Communication Skills Lab-II	Ms.J.Pushpa Latha/Mr. M. Venkateswarlu
EP	Engineering Physics Lab	Dr.M.Nagarjuna/Ms.D. Radha
EWS	Engineering Workshop	Mr.P. Govind Reddy
ITWS	IT Workshop	Ms.M.N.Sindhu
EPVL	Engineering Physics & Virtual Lab Assignments	Dr.M.Nagarjuna

Time Table I/C

Dr. N. H. Rao
I Year Coordinator
HEAD OF THE DEPARTMENT
ES&H, Coordinator, I B.Tech
DHANEKULA INSTITUTE
OF ENGINEERING AND TECHNOLOGY

Dr. M. N. Sindhu
Principal



Dhanekula Institute of Engineering & Technology
Department of Computer Science & Engineering



DIET/7.5.1/FT 12

UG TIME TABLE

Name of the Program: B.Tech in CSE

Class/Sem: III B. Tech SEM-I Section-A

Class Room No: F-8

A.Y: 2018-19

W.E.F: 11/06/18

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	OS	UNIX	Break	OOAD	DBMS	PE&HV	Lunch	CD	CRT	
Tue	DBMS	OS		DBMS LAB				UNIX	Association	
Wed	OOAD	CD		UNIX	DBMS	PE&HV		DBMS/CD(T)		Counselig
Thu	OS	OOAD		OS & UNIX LAB				UNIX/OOAD(T)		LIB
Fri	UNIX	OS		CD	DBMS	Internet		OOAD LAB		
Sat	CD	ITC		ITC		PE&HV		OS(T)	OOAD	Sports

Theory/Lab	Faculty Name					Sign
		L	T	P	O	
Compiler Design	Mr. Y.Ashok	4	1	-	-	
Unix Programming	Mrs. M. HimaJyothi	4	1	-	-	
Object Oriented Analysis and Design using	Mrs.V.Swathi	4	1	-	-	
Database Management Systems	Mrs.M. Ragini	4	1	-	-	
Operating Systems	Mr. K.Sateesh	4	1	-	-	
Unified Modeling Lab	Mrs. V.Swathi/ Mrs. U.Sirisha	-	-	3	-	
Operating System & Linux Programming Lab	Mrs. M. HimaJyothi/ Mrs. Ch.Padmini/	-	-	3	-	
Database Management System Lab	Mrs. M.Ragini/ Mr. R Phani Kishore	-	-	3	-	
Professional Ethics & Human Values	Dr. A.Srinivas Rao	-	3	-	-	
ITC—Certification Courses	Java—Mr. ASK/Mr. RPK Python—Ms.LNBJ/Mr.MRK Android—Mr.NA/Ms. SNS	-	-	-	3	
CRT		-	-	-	2	
Association/Sports/Councelling/Library/Internet	Mrs. V.Swathi	-	-	-	6	
Class In charge		Mrs. V.Swathi				

I/C Time Tables/Date

HOD / Date

Principal

Dhanekula Institute of Engineering & Technology
Department of Computer Science & Engineering



DIET/7.5.1/FT 12

UG TIME TABLE

Name of the Program: B.Tech in CSE

Class/Sem: III B. Tech SEM-I Section-B

Class Room No: F-9

A.Y: 2018-19

W.E.F: 11/06/18

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	CD	OS	Break	DBMS	UNIX	OOAD	Lunch	OS & UNIX LAB		
Tue	OS	UNIX		OOAD	CD	PE&HV		OS(T)	Association	
Wed	UNIX	DBMS		OOAD LAB				UNIX/OOAD(T)	Library	
Thu	CD	OS		OOAD	PE&HV	DBMS		DBMS LAB		
Fri	OS	OOAD		CRT		CD		Internet	UNIX	Counseling
Sat	DBMS	ITC		ITC		PE&HV		DBMS/CD(T)		Sports

Theory/Lab	Faculty Name					Sign
		L	T	P	O	
Compiler Design	Mr. Y.Ashok	4	1	-	-	
Unix Programming	Mrs. M. HimaJyothi	4	1	-	-	
Object Oriented Analysis and Design using	Mrs.V.Swathi	4	1	-	-	
Database Management Systems	Mr. R.Phani Kishore	4	1	-	-	
Operating Systems	Mr. K.Sateesh	4	1	-	-	
Unified Modeling Lab	Mrs. V.Swathi/ Mrs. U.Sirisha	-	-	3	-	
Operating System & Linux Programming Lab	Mrs. M. HimaJyothi/Ms. CH Padmini	-	-	3	-	
Database Management System Lab	Mrs. R.Phani Kishore / Mr. Y.Ashok	-	-	3	-	
Professional Ethics & Human Values	Mr.V.V.R.Manoj	-	3	-	-	
ITC—Certification Courses	Java—Mr. ASK/Mr. RPK Python—Ms.LNBJ/Mr.MRK Android—Mr.NA/Ms. SNS	-	-	-	3	
CRT		-	-	-	2	
Association/Sports/Counseling/Library/Internet	Mrs.M. HimaJyothi	-	-	-	6	
Class In charge		Mrs. M. HimaJyothi				

I/C Time Tables/Date

HOD / Date

Principal
12/6/18

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 McGraw-Hill – 2003.
7. “Engineering Ethics” by Harris, Pritchard and Rabins, CENGAGE Learning, India Edition, 2009.



III 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.

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/s Involuntary Risk – Consequences - Risk Assessment – Accountability – Liability - Reversible Effects - Threshold Levels of Risk - Delayed v/s Immediate 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.

- Related Cases Shall be dealt where ever necessary.

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.

References:

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

