E-mail: e3hod.mech@gmail.com,

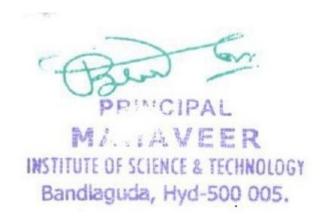
Website: www.mist.ac.in.



DEPARTMENT OF MECHANICAL ENGINEERING

Subjects related to Sensitization of students & employees and constitutional obligations: values, rights, duties and responsibilities of citizens as prescribed by JNTUH.

- 1. Gender Sensitization
- 2. Intellectual Property Rights
- 3. Constitution of India
- 4. Professional Ethics



10.20 11.10

11.10 -12.00

E-mail: e3hod.mech@gmail.com,

Website: www.mist.ac.in,

9.30 - 10.20

Day/

Time



01.40-02.30

02.30-03.20

03.20-04.10

Approved by AICTE, Affilitated to JNTUH, Hyd.

DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

12.00 -12.50

Academic Year: 2016-2017 Year: II SEM: II Section: A W.E.F: 02-12-2016

MON	M-II	TE-I	KOM	PT				SS	KOM	SPORTS		
TUE	PT	MOF&HM	KOM	MOF&HM	=	-1.40		PT/MOF&HM- LAB		AB		
WED	TE-I		MI)	7	LUNC 12:50 - 1.	MOF&HM		M-II	NPTEL/INT		
THU	M-II	TE-I	KOM	TE-I	-	L 1			MD			
FRI	KOM	M-II	COUN/ SEMINAR	M-II				PT/MOF&HM- LAB				
SAT	MOF&HM	PT	KOM	LIBRARY			F	T	TE-I	GS		
S.NO.	COURSE CODE	COURSE	NAME		SUB	. AB	BV.	NAMI	E OF THE FA	CULTY		
1	A40312	PRODUCT	PRODUCTION TECHNOLOGY			PT			U.RAMAKRISHNA			
2	A40309	KINEMAT	TICS OF MACH	IINERY	KOM	KOM			M.D.SAJJAD			
3	A40112	MOF&HM	MOF&HM			MOF&HM			AVI PRASAD			
4	A40313	THERMA	L ENGINEERIN	VG-1	TE-1			B.HAI	RINADHREDI	ΟΥ		
5	A40310	MACHINE	E DRAWING		MD			CH.SE	SHAGIRI RA	0		
6	A40006	MATHEM	ATICS-II		M-II	M-II			N.PRAKASH			
7	A40382	PT LAB			PTL			U.RAMAKRISHNA				
8	A40188	MOF&HM	I- LAB		MOF LAB		M-	P.D RAVI PRASAD				
9		GENDER	SENSITIZATIO	N	GS			D.SAN	NTHOSHKUM	AR		
10		SPORTS			SPT			K.DEV	/I SINGH			
11		LIBRARY			LIB			E KRI	SHNA DEEPA	K		
13		NPTEL/IN	NPTEL/INTERNET			EL/I	NT	T SHA	HINSHA			
13		COUNSEL	COUNSELING/SEMINAR			JN/SI	EMIN	G BHA	AVANI			

PRINCIPAL

HOD

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E-mail: e3hod.mech@gmail.com,

Website: www.mist.ac.in.



DEPARTMENT OF MECHANICAL ENGINEERING

MC300HS: GENDER SENSITIZATION LAB B.Tech. II Year II Sem.

LTPC

0 0 3 0
Course Objectives:
☐ To develop students' sensibility with regard to issues of gender in contemporary India.
☐ To provide a critical perspective on the socialization of men and women.
☐ To introduce students to information about some key biological aspects of genders.
☐ To expose the students to debates on the politics and economics of work.
☐ To help students reflect critically on gender violence.
☐ To expose students to more egalitarian interactions between men and women.
Course Outcomes:
☐ Students will have developed a better understanding of important issues related to gender in contemporary India.
☐ Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender
This will be achieved through discussion of materials derived from research, facts, everyday life, literature and film.
☐ Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
☐ Students will acquire insight into the gendered division of labour and its relation to politics and economics.
\Box Men and women students and professionals will be better equipped to work and live together as equals.
☐ Students will develop a sense of appreciation of women in all walks of life.

☐ Through providing accounts of studies and movements as well as the new laws that provide protection and relief to

UNIT-I

UNDERSTANDING GENDER

Gender: Why Should We Study It? (*Towards a World of Equals*: Unit -1)

Socialization: Making Women, Making Men (*Towards a World of Equals*: Unit -2)

women, the textbook will empower students to understand and respond to gender violence.

Introduction. Preparing for Womanhood. Growing up Male. First lessons in Caste. Different Masculinities.

UNIT-II

GENDER AND BIOLOGY

Missing Women: Sex Selection and Its Consequences (Towards a World of Equals: Unit -4)

Declining Sex Ratio. Demographic Consequences.

Gender Spectrum: Beyond the Binary (*Towards a World of Equals*: Unit -10)

Two or Many? Struggles with Discrimination.

UNIT-III

Tel: 040-64596979,8978380692,Fax: 040-24455003|NSTITUTE OF SCIENCE & TECH

E-mail: e3hod.mech@gmail.com,

Website: www.mist.ac.in,



DEPARTMENT OF MECHANICAL ENGINEERING

GENDER AND LABOUR

Housework: the Invisible Labour (*Towards a World of Equals*: Unit -3

"My Mother doesn't Work." "Share the Load."

Women's Work: Its Politics and Economics (Towards a World of Equals: Unit -7)

Fact and Fiction. Unrecognized and Unaccounted work. Additional Reading: Wages and

Conditions of Work.

UNIT-IV

ISSUES OF VIOLENCE

Sexual Harassment: Say No! (*Towards a World of Equals*: Unit -6)

Sexual Harassment, not Eve-teasing-Coping with Everyday Harassment-Further Reading:

"Chupulu".

Domestic Violence: Speaking Out (*Towards a World of Equals*: Unit -8)

Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives. Additional Reading: New Forums for Justice.

Thinking about Sexual Violence (*Towards a World of Equals*: Unit -11)

Blaming the Victim-"I Fought for my Life..." - Additional Reading: The Caste Face of Violence.

UNIT-V

GENDER: CO - EXISTENCE

Just Relationships: Being Together as Equals (*Towards a World of Equals*: Unit -12)

Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers.

Additional Reading: Rosa Parks-The Brave Heart.

TEXTBOOK

All the five Units in the Textbook, "Towards a World of Equals: A Bilingual Textbook on Gender" written by A.

Suneetha, Uma Bhrugubanda, Duggirala Vasanta, Rama Melkote, Vasudha Nagaraj, Asma Rasheed, Gogu Shyamala,

Deepa Sreenivas and Susie Tharu and published by Telugu Akademi, Hyderabad, Telangana State in the year 2015.

Note: Since it is an Interdisciplinary Course, Resource Persons can be drawn from the fields of English Literature or

Sociology or Political Science or any other qualified faculty who has expertise in this field from engineering departments.

REFERENCE BOOKS:

- 1. Menon, Nivedita. Seeing like a Feminist. New Delhi: Zubaan-Penguin Books, 2012
- 2. Abdulali Sohaila. "I Fought For My Life ... and Won." Available online at:

http://www.thealternative.in/lifestyle/i-fought-for-my-lifeand-won-sohail

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Approved by AICTE, Affilitated to JNTUH, Hyd.

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year: 2016-2017 Year:III SEM: II Section: B W.E.F: 02-12-2016

Day/ Time	9.30 - 10.2	0 10.20 11.10	11.10 -12.00	12.00 -1	2.50		01.	.40- 02.30	02.30- 03.20	03.20-04.10	
MON	DOMM-II	I IPR	R&AC	DOMN		0		FEM	HT	NPTEL/INT	
TUE	НТ	AE	IPR	COU! SEMIN	N/ AR	V C H 0 - 1.40		НТ	FEM	SPORTS	
WED	IPR	FEM	DOMM-II	IPR		L U N 12:50			HT/AECS LAB		
THU	R&AC	FEM	AE	НТ		1 1		FEM	IPR	DOMM-II	
FRI	AE		HT/AE0	CS LAB				R&AC	AE	LIBRARY	
SAT	FEM	DOMM-II	R&AC	НТ				IPR	AE	R&AC	
S.NO	SUB CODE	COURSE NAM	IE		SUB.	. ABB	SV.	NAME O	F THE FACU	LTY	
1	A62405 AUTOMOBILE ENGINEERING A60330 FINITE ELEMENT METHODS				AE			CH.SESH	IAGIRI RAO		
2					FEM			G.SOMA	SEKHAR		
3	A60329				DMM	ИII		V.ARUN			
4	A60331	HEAT TRANSF	TER		НТ			B.NAGES	SHWAR		
5	A60334	REFRIGERATI CONDITIONIN			RAC			V.ARUN			
6	A60017	INTELLECTUA RIGHTS	AL PROPERTY		IPR			D.SANTOSH KUMAR			
7	A60387	HEAT TRANSF	FER LAB		HT L	ΔB		B.NAGES	SHWAR		
8	A60086	ADVANCED C SKILLS LAB	OMMUNICAT	ION	ACS	LAB		P.V. VIN	ITHA		
9		NPTEL/INTER	NET		NPTI	EL/IN	T	T SHAHI	NSHA		
10		SPORTS			SPT			K.DEVI S	SINGH		
11		LIBRARY			LIB			E KRISH	NA DEEPAK		
12	COUNSELING/SEMINAR			COU.	N/ INAR		G BHAV.	ANI			
CLASS '	ΓEACHER: D	SANTOSH KUN	IAR								

HOD-MECH

PRINCIPAL

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Website: www.mist.ac.in.



DEPARTMENT OF MECHANICAL ENGINEERING

B.Tech. MECH Syllabus JNTU HYDERABAD

*MC510: INTELLECTUAL PROPERTY RIGHTS III Year B.Tech. MECH II-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter, selecting, and evaluating trade mark, trade mark registration processes.

UNIT - III

Law of copy rights: Fundamental of copy right law, originality of material, rights of reproduction, rights to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right, international copy right law.

Law of patents: Foundation of patent law, patent searching process, ownership rights and transfer

UNIT - IV

Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations of trade secrets, protection for submission, trade secrete litigation.

Unfair competition: Misappropriation right of publicity, false advertising.

UNIT - V

New development of intellectual property: new developments in trade mark law; copy right law, patent law, intellectual property audits.

International overview on intellectual property, international – trade mark law, copy right law, international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

- 1. Intellectual property right, Deborah. E. Bouchoux, Cengage learning.
- 2. Intellectual property right Unleashing the knowledge economy, prabuddha ganguli, Tata McGraw Hill Publishing company Itd

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Website: www.mist.ac.in,



DEPARTMENT OF MECHANICAL ENGINEERING

Subject related to Sensitization of students & employees viz: Gender Sensitization, Human Values, Intellectual Property Rights & Constitution of India Prescribed by JNTUH.



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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2017-2018 Year: II SEM: I Section: A' W.E.F: 12-07-2017

Day/ Time	9.30 - 10.20	10.20 11.10	11.10 -12.00	12.0	0 -12.50		01.40- 02.30 02.30- 03.20 03.20 04.10					
MON	MOS	KOM	TD]	MOS		F	UELS/GS LAB				
TUE	MMS	TD	KOM	I	M-IV	L U N C H 12:50 - 1.40	MOS	NPTEL/ INT	TD			
WED	KOM		MOS/MMS LA	В		Z OS	M-IV	KOM	SPORTS			
THU	LIBRARY]	MOS/MMS LA	В		L 1	MOS	TD	M-IV			
FRI	TD	M-IV	MOS	MMS			KOM	COUN/ SEMINAR	M-IV			
SAT	MMS		UELS/GS LAB				M-IV	KOM	TD			
S.NO.	SUB CODE	COURSE N.	AME		SUB. A	BBV.	NAME O	F THE FACUI	LTY			
1	ME304ES	THERMODY	YNAMICS		TD		K.GANES	SAN				
2	ME303ES	MECHANIC	S OF SOLIDS		MOS		M.SONA	M.SONACHALAM				
3	ME305ES	METALLUR SCIENCE	GY & MATER	IAL	MMS		B.VENKA	ATESHWAR RI	EDDY			
4	MA301BS	MATHAMA	TICS-IV		M-IV		Mr.s.JAY	ASREE				
5	ME302ES	KINEMATIO MACHINER			KOM		MD.SAZZ	ZAD				
6	MC300HS	GENDER SE LAB	ENSITIZATION		GS LAF	3	K.JYOTH	I				
7	ME307ES& ME308ES	MOS & MM	S LAB		MOS & LAB	MMS		ATESHWARAF CHALAM	REDDY &			
8	ME306ES	FUELS LAB			FL		K.GANES	SAN				
9		NPTEL/INTI	ERNET		NPTEL	/INT	T SHAHI	NSHA				
10		SPORTS			SPT		K.DEVI S	INGH				
11		LIBRARY	RY		LIB		E KRISH	NA DEEPAK				
12			NG/SEMINAR		COUN/ SEMIN		G BHAV	ANI				
CLASS TE	ACHER: MD.SA	AZZAD										

HOD-MECH

KSLLLI PRINCIPAL

Tel: 040-64596979,8978380692,Fax: 040-244550031STITUTE OF SCIENCE & TECHNOLOG

E-mail: e3hod.mech@gmail.com,

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AHAV



Website: www.mist.ac.in,

DEPARTMENT OF MECHANICAL ENGINEERING

MC300HS: GENDER SENSITIZATION LAB

B.Tech. II Year I Sem.

LTPC 0030

Course Objectives:

- To develop students' sensibility with regard to issues of gender in contemporary

 India
- · To provide a critical perspective on the socialization of men and women.
- · To introduce students to information about some key biological aspects of genders.
- · To expose the students to debates on the politics and economics of work.
- · To help students reflect critically on gender violence.
- · To expose students to more egalitarian interactions between men and women.

Course Outcomes:

- · Students will have developed a better understanding of important issues related to gender in contemporary India.
- Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion of materials derived from research, facts, everyday life, literature, and film.
- · Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
- · Students will acquire insight into the gendered division of labour and its relation to politics and economics.
- · Men and women students and professionals will be better equipped to work and live together as equals.
- · Students will develop a sense of appreciation of women in all walks of life.
- Through providing accounts of studies and movements as well as the new laws that provide protection and relief to women, the textbook will empower students to understand and respond to gender violence.

UNIT-I

UNDERSTANDING GENDER

Gender: Why Should We Study It? (Towards a World of Equals: Unit -1)

Socialization: Making Women, Making Men (Towards a World of Equals: Unit -2)

Introduction. Preparing for Womanhood. Growing up Male. First lessons in Caste. Different

Masculinities.

UNIT-II

GENDER AND BIOLOGY

Missing Women: Sex Selection and Its Consequences (Towards a World of Equals: Unit -4)

Declining Sex Ratio. Demographic Consequences.

Gender Spectrum: Beyond the Binary (*Towards a World of Equals*: Unit -10)

Two or Many? Struggles with Discrimination.

UNIT-III

GENDER AND LABOUR

Housework: the Invisible Labour (Towards a World of Equals: Unit -3)

"My Mother doesn't Work." "Share the Load."

Women's Work: Its Politics and Economics (Towards a World of Equals: Unit -7)

Fact and Fiction. Unrecognized and Unaccounted work. Additional Reading: Wages and Conditions of Work.

UNIT-IV

Tel: 040-64596979,8978380692,Fax: 040-24455003 STITUTE OF SCIENCE & TECHNOLOGY

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Approved by AICTE, Affilitated to JNTUH, Hyd.



OLOGY IH,Hyd.

DEPARTMENT OF MECHANICAL ENGINEERING

ISSUES OF VIOLENCE

Sexual Harassment: Say No! (Towards a World of Equals: Unit -6)

Sexual Harassment, not Eve-teasing- Coping with Everyday Harassment- Further Reading: "Chupulu".

Domestic Violence: Speaking Out (Towards a World of Equals: Unit -8)

Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives. Additional Reading: New Forums for Justice.

Thinking about Sexual Violence (Towards a World of Equals: Unit -11)

Blaming the Victim-"I Fought for my Life..." - Additional Reading: The Caste Face of Violence.

UNIT-V

GENDER: CO - EXISTENCE

Just Relationships: Being Together as Equals (*Towards a World of Equals*: Unit -12)

Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers. Additional Reading: Rosa Parks-The Brave Heart.

TEXTBOOK

All the five Units in the Textbook, "Towards a World of Equals: A Bilingual Textbook on Gender" written by A. Suneetha, Uma Bhrugubanda, Duggirala Vasanta, Rama Melkote, Vasudha Nagaraj, Asma Rasheed, Gogu Shyamala, Deepa Sreenivas and Susie Tharu and

published by Telugu Akademi, Hyderabad, Telangana State in the year 2015.

Note: Since it is an Interdisciplinary Course, Resource Persons can be drawn from the fields of English Literature or Sociology or Political Science or any other qualified faculty who has expertise in this field from engineering departments.

REFERENCE BOOKS:

- 1. Menon, Nivedita. Seeing like a Feminist. New Delhi: Zubaan-Penguin Books, 2012
- 2. Abdulali Sohaila. "I Fought For My Life... and Won." Available online at:

http://www.thealternative.in/lifestyle/i-fought-for-my-lifeand-won-sohail

Tel: 040-64596979,8978380692,Fax: 040-2445500315TITUTE OF SCIENCE & TECHNOLOGY

E-mail: e3hod.mech@gmail.com, Website: www.mist.ac.in,

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year : 2017-2018 Year:II SEM: I Section: B W.E.F: 12-07-2017

Day /Time	9.30 - 10.20	10.20 11.10	11.10 -12.00	12.0	0 -12.50		01.40- 02.30	02.30- 03.20	03.20-04.10			
MON	MOS	KOM	TD	NPT	TEL/INT		KOM	MOS	M-IV			
TUE	TD	MOS	TD	l	M-IV	CH -1.40	1	MOS/MMS LAI	3			
WED	MMS	TD	MMS	LIE	BRARY	N - 0	FUELS/GS LAB					
THU	KOM	TD	KOM	1	MOS	L U N (FUELS/GS LAB					
FRI	MOS	MMS	KOM	N	M-IV		MOS/MMS LAB					
SAT	KOM	TD	MOS		OUN/ MINAR		MMS M-IV SPOR					
S.NO.	SUB CODE	COURSE N.	AME		SUB. A	BBV.	NAME OF THE FACULTY					
1	ME304ES	THERMODY	YNAMICS		TD		B. NAGESV	WAR				
2	ME303ES	MECHANIC	S OF SOLIDS		MOS		B. HARINA					
3	ME305ES	SCIENCE	GY & MATER	IAL	MMS		D. SANTHOSH KUMAR					
4	MA301BS	MATHEMA	TICS-IV		M-IV		N. PRAKAS	SH				
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6	MC300HS	LAB	ENSITIZATION	1	GS LAI	3	SK. AMEER					
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8	ME306ES	FUELS LAB			FL		B.NAGESV	VAR				
9		NPTEL/INT	ERNET		NPTEL	/INT	T SHAHIN					
10		SPORTS			SPT		K.DEVI SI					
11		LIBRARY			LIB		E KRISHN					
12		COUNSELIN	NG/SEMINAR		COUN/ AR	SEMIN	G BHAVA	NI				

HOD-MECH

PRINCIPAL

MC300HS: GENDER SENSITIZATION LAB

E-mail: e3hod.mech@gmail.com, Website: www.mist.ac.in,

AHAV Tel: 040-64596979,8978380692,Fax: 040-2445500315TITUTE OF SCIENCE & TECHNOLOG Approved by AICTE, Affilitated to JNTUH, Hyd.

DEPARTMENT OF MECHANICAL ENGINEERING

B.Tech. II Year I Sem.

LTPC 0030

Course Objectives:

- · To develop student's sensibility with regard to issues of gender in contemporary India.
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Declining Sex Ratio. Demographic Consequences.

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UNIT-IV

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Domestic Violence: Speaking Out (*Towards a World of Equals*: Unit -8)

Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives. Additional Reading: New Forums for Justice.

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DEPARTMENT OF MECHANICAL ENGINEERING

Thinking about Sexual Violence (Towards a World of Equals: Unit -11)

Blaming the Victim-"I Fought for my Life...." - Additional Reading: The Caste Face of Violence.

UNIT-V

GENDER: CO - EXISTENCE

Just Relationships: Being Together as Equals (*Towards a World of Equals*: Unit -12)

Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers.

Additional Reading: Rosa Parks-The Brave Heart.

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- 2. Abdulali Sohaila. "I Fought For My Life... and Won." Available online at: http://www.thealternative.in/lifestyle/i-fought-for-my-lifeandwon-sohail

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11.10 -12.00

E-mail: e3hod.mech@gmail.com, Website: www.mist.ac.in,

9.30 - 10.20

Day/Time

10.20 11.10

Approved by AICTE, Affilitated to JNTUH, Hyd.

01.40- 02.30

02.30-03.20



03.20-04.10

DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2017-2018 Year: III SEM: II Section: A W.E.F: 14-12-2017

12.00 -12.50

2 tt j / 1 11.	ay/ Time										
MON		HT		FEM	R&AC	IPR			HT/ACS LAB		
TUE		HT		FEM	HT	R&AC	H.1	DOMM-II	NPTEL/INT	FEM	
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2	A	50330	FINITE ELEMENT METHODS				FEM		B VENKATESH REDDY	WAR	
3	A	50329	DESIGN OF MACHINE MEMBERS II				DMMII		M SONACHALAM		
4	A	50331	HEAT TRANSFER				НТ		B NAGESHWAI	₹	
5	A	50334	REF	RIGERATION	N & AIR COND	ITIONING	RAC		K GANESHAN		
6	A	50017	INT	ELLECTUAL	PROPERTY R	IGHTS	IPR		D SANTOSH KUMAR		
7	A	60387	HEA	AT TRANSFEI	R LAB		HT LAI	3	B NAGESHWAI	₹	
8	A	50086	ADV LAE		MMUNICATIO	N SKILLS	ACS LA	AΒ	P V VINITHA		
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DEPARTMENT OF MECHANICAL ENGINEERING

B.Tech. MECH Syllabus JNTU HYDERABAD

*MC510: INTELLECTUAL PROPERTY RIGHTS III Year B.Tech. MECH II-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter, selecting, and evaluating trade mark, trade mark registration processes.

UNIT - III

Law of copy rights: Fundamental of copy right law, originality of material, rights of reproduction, rights to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right, international copy right law.

Law of patents: Foundation of patent law, patent searching process, ownership rights and transfer

UNIT - IV

Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations of trade secrets, protection for submission, trade secrete litigation.

Unfair competition: Misappropriation right of publicity, false advertising.

UNIT - V

New development of intellectual property: new developments in trade mark law; copy right law, patent law, intellectual property audits.

International overview on intellectual property, international – trade mark law, copy right law, international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

- 1. Intellectual property right, Deborah. E. Bouchoux, Cengage learning.
- 2. Intellectual property right Unleashing the knowledge economy, prabuddha ganguli, Tata McGraw Hill Publishing company Itd

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2017-2018 Year: III SEM: II Section: B W.E.F: 14-12-2017

Day/Ti	ime	9.30 - 10	.20	10.20 11.10	11.10 -12.00	12.00 -12.50		01.40- 02.30	02.30- 03.20	03.20-04.10	
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2	A60330 FINITE ELEMENT METHODS					FE	M	G K SHAN	MUKH DEV		
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CLASS	CLASS TEACHER: S.SUDHAKARA										

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DEPARTMENT OF MECHANICAL ENGINEERING

B.Tech. MECH Syllabus JNTU HYDERABAD

*MC510: INTELLECTUAL PROPERTY RIGHTS III Year B.Tech. MECH II-Sem

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DEPARTMENT OF MECHANICAL ENGINEERING

Subject related to Sensitization of students & employees viz: Gender Sensitization, Human Values, Intellectual Property Rights & Constitution of India Prescribed by JNTUH.



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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2018-2019 Year:II SEM: I Section: A` W.E.F: 09-07-2018

Day/ Time	9.30 - 10.20	10.20 11.10	11.10 -12.00	12.0	0 -12.50		01.40- 02.30	02.30- 03.20	03.20-04.10			
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2	ME304ES	THERMODY					Dr.S.MUR	ALI				
3	ME305ES		LLURGY AND RIAL SCIENCE				S. SUDHAKARA					
4	ME303ES	MECHANIC	S OF SOLIDS		MOS		MD. SAJJA	AD.				
5	MA301BS	MATHEMA'	TICS-IV		M-IV		P.V.V.S.S.I	KRISHNA				
6	ME307ES	MECHANIC	S OF SOLIDS I	LAB	MOSL		MD. SAZZ	MD. SAZZAD				
7	ME308ES	METALLUR MATERIAL	GY AND SCIENCE LAB	3	MMSL		S. SUDHA	KARA				
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DEPARTMENT OF MECHANICAL ENGINEERING

MC300HS: GENDER SENSITIZATION LAB B.Tech. II Year I Sem.

LTPC 0030

Course Objectives:

- · To develop students' sensibility with regard to issues of gender in contemporary India.
- · To provide a critical perspective on the socialization of men and women.
- · To introduce students to information about some key biological aspects of genders.
- To expose the students to debates on the politics and economics of work.
- · To help students reflect critically on gender violence.
- · To expose students to more egalitarian interactions between men and women.

Course Outcomes:

- · Students will have developed a better understanding of important issues related to gender in contemporary India.
- · Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion of materials derived from research, facts, everyday life, literature, and film.
- · Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
- · Students will acquire insight into the gendered division of labour and its relation to politics and economics.
- · Men and women students and professionals will be better equipped to work and live together as equals.
- · Students will develop a sense of appreciation of women in all walks of life.
- · Through providing accounts of studies and movements as well as the new laws that provide protection and relief to women, the textbook will empower students to understand and respond to gender violence.

UNIT-I

UNDERSTANDING GENDER

Gender: Why Should We Study It? (*Towards a World of Equals*: Unit -1)

Socialization: Making Women, Making Men (Towards a World of Equals: Unit -2)

Introduction. Preparing for Womanhood. Growing up Male. First lessons in Caste. Different Masculinities.

UNIT-II

GENDER AND BIOLOGY

Missing Women: Sex Selection and Its Consequences (Towards a World of Equals: Unit -4) Declining Sex Ratio. Demographic Consequences.

Gender Spectrum: Beyond the Binary (Towards a World of Equals: Unit -10) Two or Many? Struggles with Discrimination.

UNIT-III

GENDER AND LABOUR

Housework: the Invisible Labour (Towards a World of Equals: Unit -3)

"My Mother doesn't Work." "Share the Load."

Women's Work: Its Politics and Economics (Towards a World of Equals: Unit -7)

Fact and Fiction. Unrecognized and Unaccounted work. Additional Reading: Wages and Conditions of Work.

UNIT-IV

ISSUES OF VIOLENCE

Sexual Harassment: Say No! (Towards a World of Equals: Unit -6)

Sexual Harassment, not Eve-teasing- Coping with Everyday Harassment- Further Reading: "Chupulu".

Domestic Violence: Speaking Out (*Towards a World of Equals*: Unit -8)

Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives. Additional Reading: New Forums for Justice.

Thinking about Sexual Violence (Towards a World of Equals: Unit -11)

Blaming the Victim-"I Fought for my Life..." - Additional Reading: The Caste Face of Violence.

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DEPARTMENT OF MECHANICAL ENGINEERING

UNIT-V

GENDER: CO - EXISTENCE

Just Relationships: Being Together as Equals (*Towards a World of Equals*: Unit -12)

Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers. Additional Reading: Rosa Parks-The Brave Heart.

TEXTBOOK

All the five Units in the Textbook, "Towards a World of Equals: A Bilingual Textbook on Gender" written by A. Suneetha, Uma Bhrugubanda, Duggirala Vasanta, Rama Melkote, Vasudha Nagaraj, Asma Rasheed, Gogu Shyamala, Deepa Sreenivas and Susie Tharu and published by Telugu Akademi, Hyderabad, Telangana State in the year 2015.

Note: Since it is an Interdisciplinary Course, Resource Persons can be drawn from the fields of English Literature or Sociology or Political Science or any other qualified faculty who has expertise in this field from engineering departments.

REFERENCE BOOKS:

- 1. Menon, Nivedita. Seeing like a Feminist. New Delhi: Zubaan-Penguin Books, 2012
- 2. Abdulali Sohaila. "I Fought For My Life...and Won." Available online at: http://www.thealternative.in/lifestyle/i-fought-for-my-lifeand-won-sohail

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2018-2019 Year:III SEM: I W.E.F: 09-07-2018 **Section: B**

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DEPARTMENT OF MECHANICAL ENGINEERING

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD III Year B.Tech. MECH I Sem L T/P/D C

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HUMAN VALUES AND PROFESSIONAL ETHICS (Open Elective)

Objectives: This introductory course input is intended

- a. To help the students appreciate the essential complementarity between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings.
- b. To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the basis of Value based living in a natural way.
- c. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enriching interaction with Nature.

Unit I:

Course Introduction - Need, Basic Guidelines, Content and Process for Value Education: Understanding the need, basic guidelines, content and process for Value Education. Self Exploration—what is it? - its content and process; 'Natural Acceptance' and Experiential Validation- as the mechanism for self exploration. Continuous Happiness and Prosperity- A look at basic Human Aspirations. Right understanding, Relationship and Physical Facilities- the basic requirements for fulfillment of aspirations of every human being with

their correct priority. Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario. Method to fulfill the above human aspirations: understanding and living in harmony at various levels.

Unit II:

Understanding Harmony in the Human Being - Harmony in Myself!: Understanding human being as a co-existence of the sentient 'I' and the material 'Body'. Understanding the needs of Self ('I') and 'Body' - Sukh and Suvidha. Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer). Understanding the characteristics and activities of 'I' and harmony in 'I'. Understanding the harmony of I with the Body: Sanyam and Swasthya; correct appraisal of Physical needs, meaning of Prosperity in detail. Programs to ensure Sanyam and Swasthya.

Unit III:

Understanding Harmony in the Family and Society- Harmony in Human - Human Relationship: Understanding harmony in the Family- the basic unit of human interaction. Understanding values in human-human relationship; meaning of Nyaya and program for its fulfillment to ensure Ubhay-tripti; **Trust (Vishwas) and Respect (Samman) as the foundational values of relationship.** Understanding the meaning of Vishwas; Difference between intention and competence. Understanding the meaning of Samman,

Difference between respect and differentiation; the other salient values in relationship. Understanding the harmony in the society (society being an extension of family): Samadhan, Samridhi, Abhay, Sah-astitva as comprehensive Human Goals. Visualizing a universal harmonious order in society- Undivided Society (Akhand Samaj), Universal Order (Sarvabhaum Vyawastha) - from family to world family!

Unit IV:

Understanding Harmony in the Nature and Existence - Whole existence as Co-existence: Understanding the harmony in the Nature. Interconnectedness and mutual fulfillment among the four orders of nature- recyclability and self-regulation in nature. Understanding Existence as Co-existence (Sahastitva) of mutually interacting units in all-pervasive space. Holistic perception of harmony at all levels of existence.

Unit V:

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DEPARTMENT OF MECHANICAL ENGINEERING

Implications of the above Holistic Understanding of Harmony on Professional Ethics: Natural acceptance of human values. Definitiveness of Ethical Human Conduct. Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order. Competence in professional ethics:

- a) Ability to utilize the professional competence for augmenting universal human order,
- b) Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems,
- c) Ability to identify and develop appropriate technologies and management patterns for above production systems.

Case studies of typical holistic technologies, management models and production systems. Strategy for transition from the present state to Universal Human Order:

- a) At the level of individual: as socially and ecologically responsible engineers, technologists and managers
- b) At the level of society: as mutually enriching institutions and organizations

TEXT BOOKS

1. R R Gaur, R Sangal, G P Bagaria, 2009, A Foundation Course in Human Values and Professional Ethics

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2018-2019 Year:III SEM: II Section: A W.E.F: 24-12-2018

Day/Ti	me	9.30 - 10			12.00 -12	2.50		01.40- 02	.30	02.30- 03.20	03.20-04.10		
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5	ME	611PE	FIN	ITE ELEMEN	T METHODS		FEN	FEM			G K SHANMUKH DEV		
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DEPARTMENT OF MECHANICAL ENGINEERING

*MC510: INTELLECTUAL PROPERTY RIGHTS
III Year B.Tech.MECH II-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter, selecting, and evaluating trade mark, trade mark registration processes.

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International overview on intellectual property, international – trade mark law, copy right law, international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

- 1. Intellectual property right, Deborah. E. Bouchoux, Cengage learning.
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CLASS TIME TABLE

Academic Year: 2018-2019 Year:III SEM: II Section: B W.E.F: 24-12-20

9.30 - 10.20 | 10.20 11.10 | 11.10 - 12.00 | 12.00 - 12.50

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3	ME603PC HEAT TRAN			AT TRANSFE	3	HT			G.BHAVANI			
4	INTE		ELLECTUAL	ECTUAL PROPERTY RIGHTS					M.A	ANIL		
5		E611PE	FIN	ITE ELEMEN	T METHODS		FEM			K.DEVI SINGH		
6	ME	E604PC	HEA	AT TRANSFE	R LAB		HTL			G.BHAVANI		
7	ME	E605PC	CAI	DD AND MAT	LAB		CAL	DD&N	IATL	P P	RAVEEN KUN	MAR REDDY
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CLASS TEACHER: D SANTHOSH KUMAR												

HOD-MECH

Karly **PRINCIPAL**

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DEPARTMENT OF MECHANICAL ENGINEERING

*MC510: INTELLECTUAL PROPERTY RIGHTS III Year B.Tech. MECH II-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter, selecting, and evaluating trade mark, trade mark registration processes.

UNIT - III

Law of copy rights: Fundamental of copy right law, originality of material, rights of reproduction, rights to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right, international copy right law.

Law of patents: Foundation of patent law, patent searching process, ownership rights and transfer

UNIT - IV

Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations of trade secrets, protection for submission, trade secrete litigation.

Unfair competition: Misappropriation right of publicity, false advertising.

UNIT - V

New development of intellectual property: new developments in trade mark law; copy right law, patent law, intellectual property audits.

International overview on intellectual property, international – trade mark law, copy right law, international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

- 1. Intellectual property right, Deborah. E. Bouchoux, Cengage learning.
- 2. Intellectual property right Unleashing the knowledge economy, prabuddha ganguli, Tata McGraw Hill Publishing company ltd

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Subject related to Sensitization of students & employees viz: Gender Sensitization, Human Values, Intellectual Property Rights & Constitution of India Prescribed by JNTUH.



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3	ME303PC	MATERIAL SCIENCE AND METALLURGY				MSM			S SUDHAKARA			
4	ME304PC	PRODUCTION T	PRODUCTION TECHNOLOGY			PT			Dr. B N	JAGESWAR RA	O	
5	ME305PC	THERMODYNA	MICS		TD				Dr. S M	IURALI		
6	ME306PC	PRODUCTION T	ECHNOLOGY L	AB	PTL	PTL			M RAN	MADAS		
7	ME307PC	MACHINE DRA	WING PRACTIC	Е	MDP	MDP			MD SAJJAD			
8	ME308PC	MATERIAL SCII METALLURGY			MS&	ML	,		S SUDI	HAKARA		
9	ME308PC	MECHANICS OF	SOLIDS LAB		MOS	SL			M SON	IACHALAM		
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DEPARTMENT OF MECHANICAL ENGINEERING

COMMON TO ALL BRANCHES *MC409/*MC309: CONSTITUTION OF INDIA B.TECH II Year II Sem.

LTPC 3000

The Constitution of India is the supreme law of India. Parliament of India cannot make any law which violates the Fundamental Rights enumerated under the Part III of the Constitution. The Parliament of India has been empowered to amend the Constitution under Article 368, however, it cannot use this power to change the "basic structure" of the constitution, which has been ruled and explained by the Supreme Court of India in its historical judgments. The Constitution of India reflects the idea of "Constitutionalism" – a modern and progressive concept historically developed by the thinkers of "liberalism" – an ideology which has been recognized as one of the most popular political ideology and result of historical struggles against arbitrary use of sovereign power by state. The historic revolutions in France, England, America and particularly European Renaissance and Reformation movement have resulted into progressive legal reforms in the form of "constitutionalism" in many countries. The Constitution of India was made by borrowing models and principles from many countries including United Kingdom and America.

The Constitution of India is not only a legal document but it also reflects social, political and economic perspectives of the Indian Society. It reflects India's legacy of "diversity". It has been said that Indian constitution reflects ideals of its freedom movement; however, few critics have argued that it does not truly incorporate our own ancient legal heritage and cultural values. No law can be "static" and therefore the Constitution of India has also been amended more than one hundred times. These amendments reflect political, social and economic developments since the year 1950. The Indian judiciary and particularly the Supreme Court of India has played an historic role as the guardian of people. It has been protecting not only basic ideals of the Constitution but also strengthened the same through progressive interpretations of the text of the Constitution. The judicial activism of the Supreme Court of India and its historic contributions has been recognized throughout the world and it gradually made it "as one of the strongest court in the world".

Course content

- 1. Meaning of the constitution law and constitutionalism
- 2. Historical perspective of the Constitution of India
- 3. Salient features and characteristics of the Constitution of India
- 4. Scheme of the fundamental rights
- 5. The scheme of the Fundamental Duties and its legal status
- 6. The Directive Principles of State Policy Its importance and implementation
- 7. Federal structure and distribution of legislative and financial powers between the Union and the
- 8. Parliamentary Form of Government in India The constitution powers and status of the President of India
- 9. Amendment of the Constitutional Powers and Procedure
- 10. The historical perspectives of the constitutional amendments in India

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DEPARTMENT OF MECHANICAL ENGINEERING

- 11. Emergency Provisions: National Emergency, President Rule, Financial Emergency
- 12. Local Self Government Constitutional Scheme in India
- 13. Scheme of the Fundamental Right to Equality
- 14. Scheme of the Fundamental Right to certain Freedom under Article 19
- 15. Scope of the Right to Life and Personal Liberty under Article 21

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3	ME503PC	METROLOGY & MACHINE TOOLS			MMT		D SANTHOSH KUMAR				
4	SM504MS	FUNDAMENTALS OF MANAGEMENT			FM	FM			CH RAGHUNATH REDDY		
5	135CU	NON CONVENTIONAL POWER GENERATION			NCPG			P DURGA RAVI PRASAD			
6	ME505PC	THERMAL ENGINEERING LAB			TEL			B NAGESWAR			
7	ME506PC	MACHINE TOOLS LAB			MTL			D SANTHOSH KUMAR			
8	ME507PC	ENGINEERING METROLOGY LAB			EML			M RAMADAS			
9	MC500HS	PROFESSIONAL ETHICS			PE		MD SAJJAD				
10		NPTEL/INTERNET			NPTEL/INT		B BHARATH KUMAR				
		SPORTS			SPT		FAIZ ALI				
11		LIBRARY			LIB		P.HARI				
12		COUNSELLING/SEMINAR			COUN/ SEMINAR		RANGA REDDY ANREDDY				
CLASS TEACHER: D SANTHOSH KUMAR											

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DEPARTMENT OF MECHANICAL ENGINEERING

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD III Year B.Tech. MECH I Sem L T/P/D C

4 -/-/- 4

HUMAN VALUES AND PROFESSIONAL ETHICS (Open Elective)

Objectives: This introductory course input is intended

- a. To help the students appreciate the essential complementarity between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings.
- b. To facilitate the development of a Holistic perspective among students towards life, profession and happiness, based on a correct understanding of the Human reality and the rest of Existence. Such a holistic perspective forms the basis of Value based living in a natural way.
- c. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually satisfying human behavior and mutually enriching interaction with Nature.

Unit I:

Course Introduction - Need, Basic Guidelines, Content and Process for Value Education: Understanding the need, basic guidelines, content and process for Value Education. Self Exploration—what is it? - its content and process; 'Natural Acceptance' and Experiential Validation- as the mechanism for self exploration. Continuous Happiness and Prosperity- A look at basic Human Aspirations. Right understanding, Relationship and Physical Facilities- the basic requirements for fulfillment of aspirations of every human being with their correct priority. Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario. Method to fulfill the above human aspirations: understanding and living in harmony at various levels.

Unit II:

Understanding Harmony in the Human Being - Harmony in Myself!: Understanding human being as a co-existence of the sentient 'I' and the material 'Body'. Understanding the needs of Self ('I') and 'Body' - Sukh and Suvidha. Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer). Understanding the characteristics and activities of 'I' and harmony in 'I'. Understanding the harmony of I with the Body: Sanyam and Swasthya; correct appraisal of Physical needs, meaning of Prosperity in detail. Programs to ensure Sanyam and Swasthya.

Unit III:

Understanding Harmony in the Family and Society- Harmony in Human - Human Relationship: Understanding harmony in the Family- the basic unit of human interaction. Understanding values in human-human relationship; meaning of Nyaya and program for its fulfillment to ensure Ubhay-tripti; **Trust (Vishwas) and Respect (Samman) as the foundational values of relationship.** Understanding the meaning of Vishwas; Difference between intention and competence. Understanding the meaning of Samman, Difference between respect and differentiation; the other salient values in relationship. Understanding the harmony in the society (society being an extension of family): Samadhan, Samridhi, Abhay, Sah-astitva as comprehensive Human Goals. Visualizing a universal harmonious order in Vyawastha)- from family to world family!

Unit IV:

Understanding Harmony in the Nature and Existence - Whole existence as Co-existence: Understanding the harmony in the Nature. Interconnectedness and mutual fulfillment among the four orders of nature- recyclability and self-regulation in nature. Understanding Existence as Co-existence (Sahastitva) of mutually interacting units in all-pervasive space. Holistic perception of harmony at all levels of existence.

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DEPARTMENT OF MECHANICAL ENGINEERING

Unit V:

Implications of the above Holistic Understanding of Harmony on Professional Ethics: Natural acceptance of human values. Definitiveness of Ethical Human Conduct. Basis for Humanistic Education, Humanistic Constitution and Humanistic Universal Order. Competence in professional ethics:

- a) Ability to utilize the professional competence for augmenting universal human order,
- b) Ability to identify the scope and characteristics of people-friendly and eco-friendly production systems,
- c) Ability to identify and develop appropriate technologies and management patterns for above production systems.

Case studies of typical holistic technologies, management models and production systems. Strategy for transition from the present state to Universal Human Order:

- a) At the level of individual: as socially and ecologically responsible engineers, technologists and managers
- b) At the level of society: as mutually enriching institutions and organizations

TEXT BOOKS

1. R R Gaur, R Sangal, G P Bagaria, 2009, A Foundation Course in Human Values and Professional Ethics.

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DEPARTMENT OF MECHANICAL ENGINEERING

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1	ME501PC	DESIGN OF MAG	CHINE MEMBEI	DOM	MM-I		T SHAHINSHA				
2	ME502PC	THERMAL ENGINEERING -I			TE-I			G.BHA	G.BHAVANI		
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7	ME506PC	MACHINE TOOLS LAB			MTL			M.ANIL			
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DEPARTMENT OF MECHANICAL ENGINEERING

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- a) At the level of individual: as socially and ecologically responsible

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DEPARTMENT OF MECHANICAL ENGINEERING

engineers, technologists and managers b) At the level of society: as mutually enriching institutions and organizations

TEXT BOOKS

1. R R Gaur, R Sangal, G P Bagaria, 2009, A Foundation Course in Human Values and Professional Ethics.

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DEPARTMENT OF MECHANICAL ENGINEERING

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4	ME	ME404PC FMHM FLUID MECHANICS AND		ND I	FN	ИΗМ		РΓ	OURGA RAVI	PRASAD			
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			MA	CHINES LAB									
8	ME	E408PC	INS	TRUMENTAT	TION AND CO	NTROL	ICSL			MD SAZZAD			
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CLASS	TEA	CHER:	MD S	SAZZAD					,				

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DEPARTMENT OF MECHANICAL ENGINEERING

MC300HS: GENDER SENSITIZATION LAB

B.Tech, II Yearl I Sem.

LTPC 0030

Course Objectives:

- To develop students' sensibility with regard to issues of gender in contemporary India.
- To provide a critical perspective on the socialization of men and women.
- · To introduce students to information about some key biological aspects of genders.
- To expose the students to debates on the politics and economics of work.
- · To help students reflect critically on gender violence.
- To expose students to more egalitarian interactions between men and women.

Course Outcomes:

- · Students will have developed a better understanding of important issues related to gender in contemporary India.
- · Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion of

materials derived from research, facts, everyday life, literature, and film.

- · Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
- · Students will acquire insight into the gendered division of labour and its relation to politics and economics.
- · Men and women students and professionals will be better equipped to work and live together as equals.
- · Students will develop a sense of appreciation of women in all walks of life.
- Through providing accounts of studies and movements as well as the new laws that provide protection and relief to women, the textbook will empower students to understand and respond to gender violence.

UNIT-I

UNDERSTANDING GENDER

Gender: Why Should We Study It? (Towards a World of Equals: Unit -1)

Socialization: Making Women, Making Men (Towards a World of Equals: Unit -2)

Introduction. Preparing for Womanhood. Growing up Male. First lessons in Caste. Different Masculinities.

UNIT-II

GENDER AND BIOLOGY

Missing Women: Sex Selection and Its Consequences (Towards a World of Equals: Unit -4) Declining Sex Ratio. Demographic Consequences.

Gender Spectrum: Beyond the Binary (Towards a World of Equals: Unit -10) Two or Many? Struggles with Discrimination.

UNIT-III

GENDER AND LABOUR

Housework: the Invisible Labour (*Towards a World of Equals*: Unit -3)

"My Mother doesn't Work." "Share the Load."

Women's Work: Its Politics and Economics (*Towards a World of Equals*: Unit -7) Fact and Fiction. Unrecognized and Unaccounted work. Additional Reading: Wages and Conditions of Work.

UNIT-IV

ISSUES OF VIOLENCE

Sexual Harassment: Say No! (*Towards a World of Equals*: Unit -6) Sexual Harassment, not Eve-teasing- Coping with Everyday Harassment- Further Reading: "*Chupulu*".

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Website: www.mist.ac.in,



DEPARTMENT OF MECHANICAL ENGINEERING

Domestic Violence: Speaking Out (Towards a World of Equals: Unit -8) Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives.

Additional Reading: New Forums for Justice. Thinking about Sexual Violence (Towards a World of Equals: Unit -11)

Blaming the Victim-"I Fought for my Life...." - Additional Reading: The Caste Face of Violence.

UNIT-V

GENDER: CO - EXISTENCE

Just Relationships: Being Together as Equals (*Towards a World of Equals*: Unit -12) Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers. Additional Reading: Rosa Parks-The Brave Heart.

TEXTBOOK

All the five Units in the Textbook, "Towards a World of Equals: A Bilingual Textbook on Gender" written by A. Suneetha, Uma Bhrugubanda, Duggirala Vasanta, Rama Melkote, Vasudha Nagaraj, Asma Rasheed, Gogu Shyamala, Deepa Sreenivas and Susie Tharu and published by Telugu Akademi, Hyderabad, Telangana State in the year 2015.

Note: Since it is an Interdisciplinary Course, Resource Persons can be drawn from the fields of English Literature or Sociology or Political Science or any other qualified faculty who has expertise in this field from engineering departments.

REFERENCE BOOKS:

- 1. Menon, Nivedita. Seeing like a Feminist. New Delhi: Zubaan-Penguin Books, 2012
- 2. Abdulali Sohaila. "I Fought For My Life...and Won." Available online at: http://www.thealternative.in/lifestyle/i-fought-for-my-lifeand-won-sohail

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01.40- 02.30 | 02.30- 03.20 | 03.20-04.10

DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Year:III Academic Year: 2019-2020 SEM: II Section: A W.E.F: 09-12-2019

9.30 - 10.20 | 10.20 11.10 | 11.10 - 12.00 | 12.00 - 12.50

MON TUE	IPR	FEM		İ					
TUE			TE-II	HT		HT	HT	SPORTS	
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SAT	НТ	Н	T/CADD MAT I	LAB		FEM	IPR	NPTEL/INT	
	SUB CODE	COURSE NAME	C		SUB. A	ABBV.	NAME OF THE FACULTY		
1	ME601PC	THERMAL ENGIN	IEERING –II		TE-II		B NAGESWAR		
2	ME602PC	E602PC DESIGN OF MACHINE MEMBERS-II			DMM-	I	M SONACHALAM		
3	ME603PC	HEAT TRANSFER			HT		Dr.S MURALI		
4	CE623OE	BOE INTELLECTUAL PROPERTY RIGHTS		ITS	IPR		D SANTHOSH KUMAR		
5	ME611PE	FINITE ELEMENT	METHODS		FEM		B.VENKATESHWAR		
6	ME604PC	HEAT TRANSFER	LAB		HTL		P HARI		
7	ME605PC	CADD AND MATI	LAB		CADD	&MATL	P PRAVEEN KUMAR REDDY		
8	EN606HS	S ADVANCED ENGLISH COMMUNICATION SKILLS LAB			AECSL	,	A YELLAIAH		
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10		SPORTS			SPT		SANNAPPA SUD	HAKARA	
11		LIBRARY			LIB		KRISHNAPPA GA	ANESAN	
12		COUNSELLING/S	EMINAR		COUN	SEMINAR	V KRISHNA REDDY		
	EACHER.	M SONACHALAM	ſ	l		I			

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DEPARTMENT OF MECHANICAL ENGINEERING

*MC510: INTELLECTUAL PROPERTY RIGHTS

III Year B.Tech. MECH II-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international

organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter,

selecting, and evaluating trade mark, trade mark registration processes.

UNIT - III

Law of copy rights: Fundamental of copy right law, originality of material, rights of reproduction, rights

to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right,

international copy right law.

Law of patents: Foundation of patent law, patent searching process, ownership rights and transfer

UNIT - IV

Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations

of trade secrets, protection for submission, trade secrete litigation.

Unfair competition: Misappropriation right of publicity, false advertising.

UNIT - V

New development of intellectual property: new developments in trade mark law; copy right law, patent

law, intellectual property audits.

International overview on intellectual property, international – trade mark law, copy right law,

international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

- 1. Intellectual property right, Deborah. E. Bouchoux, Cengage learning.
- 2. Intellectual property right Unleashing the knowledge economy, prabuddha ganguli, Tata

McGraw Hill Publishing company Itd

9.30 - 10.20

10.20 11.10

11.10 -12.00

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Day/Time



01.40- 02.30

02.30- 03.20

03.20-04.10

DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2019-2020 Year:III SEM: II **Section: B** W.E.F: 09-12-2019

12.00 -12.50

Day/IIII	iic											
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S.NO.	CODE		COU	URSE NAME			SUB.	ABBV.	N	NAME OF THE FACULTY		
1	ME601PC TH			RMAL ENGI	NEERING –II		TE-II			B NAGESWAR		
2	ME602PC DESIGN OF MACHINE MEMBERS-II						DMM-II			SONACHALAM		
3	ME603PC HEAT TRANSFER					HT		D	R S MURALI			
4	CE623OE INTELLECTUAL PROPE			PROPERTY R	IGHTS IPR			D SANTHOSH KUMAR				
5	ME	ME611PE FINITE ELEMENT METHODS				FEM			K SHANMUKI	H DEV		
6	ME	604PC	HEA	T TRANSFEI	R LAB		HTL			G.BHAVANI		
7	ME	605PC	CAE	DD AND MAT	LAB		CADD&MATL			B BHARATH KUMAR		
8	EN606HS ADVANCED ENGLISH COMMUNICATION SKILLS LAB			В	AECSL			A YELLAIAH				
9			NPT	EL/Internet			NPTE INT	L/	K	DEVI SINGH		
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12			COU	JNSELLING/S	SEMINAR		COUN/SEMINAR V KRISHNA REDDY					
CLASS TEACHER: D SANTHOSH KUMAR												

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DEPARTMENT OF MECHANICAL ENGINEERING

*MC510: INTELLECTUAL PROPERTY RIGHTS
III Year B.Tech.MECH II-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international

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to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right,

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2020-2021 Year: II SEM: I Section: A` W.E.F: 24-08-2020

Day/Time	9.30 - 10.3	0 10.40 -11.40	11.50 -12.50		02.00 - 03.00			
MON	MOS	MSM	TD		PT			
TUE	MOS	P & S	TD		MSM			
WED	MOS	P & S	MDP	LUNCH 12.50 -1.40	PT			
THU	MOS	P & S	MSM	12.30 -1.40	PT			
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S.NO.	SUB CODE	COURSE NAME		SUB. ABI	BV. NAME OF	THE FACULTY		
1	MA301BS	PROBABILITY AN COMPLEX VARIA		k PS&CV	A S LATH	A S LATHA		
2	ME302PC	MECHANICS OF S		MOS	M.SONACI	M.SONACHALAM		
3	ME303PC	MATERIAL SCIEN METALLURGY	ICE AND	MSM	D. SANTH	D. SANTHOSH KUMAR		
4	ME304PC	PRODUCTION TE	CHNOLOGY	PT	P.PRAVEE	EN KUMAR REDD	Y	
5	ME305PC	THERMODYNAM	ICS	TD	G. BHAVA	ANI		
6	ME306PC	PRODUCTION TEC	CHNOLOGY LAB	PTL	P.PRAVEE	EN KUMAR REDD	Y	
7	ME307PC	MACHINE DRAW	NG PRACTICE	MDP	SRAVAN I	KUMAR		
8	ME308PC	MATERIAL SCIEN METALLURGY LA		MS&ML	D. SANTH	OSH KUMAR		
9	ME308PC	MECHANICS OF S	OLIDS LAB	MOSL	M.SONACI	HALAM		
4.0	MC309	CONSTITUTION C	F INDIA	COI	E KRISHI	NA DEEPAK		

CLASS TEACHER :M.SONACHALAM

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DEPARTMENT OF MECHANICAL ENGINEERING

COMMON TO ALL BRANCHES *MC409/*MC309: CONSTITUTION OF INDIA B.TECH II Year I Sem.

LTPC 3000

The Constitution of India is the supreme law of India. Parliament of India cannot make any law which violates the Fundamental Rights enumerated under the Part III of the Constitution. The Parliament of India has been empowered to amend the Constitution under Article 368, however, it cannot use this power to change the "basic structure" of the constitution, which has been ruled and explained by the Supreme Court of India in its historical judgments. The Constitution of India reflects the idea of "Constitutionalism" – a modern and progressive concept historically developed by the thinkers of "liberalism" – an ideology which has been recognized as one of the most popular political ideology and result of historical struggles against arbitrary use of sovereign power by state. The historic revolutions in France, England, America and particularly European Renaissance and Reformation movement have resulted into progressive legal reforms in the form of "constitutionalism" in many countries. The Constitution of India was made by borrowing models and principles from many countries including United Kingdom and America.

The Constitution of India is not only a legal document but it also reflects social, political and economic perspectives of the Indian Society. It reflects India's legacy of "diversity". It has been said that Indian constitution reflects ideals of its freedom movement; however, few critics have argued that it does not truly incorporate our own ancient legal heritage and cultural values. No law can be "static" and therefore the Constitution of India has also been amended more than one hundred times. These amendments reflect political, social and economic developments since the year 1950. The Indian judiciary and particularly the Supreme Court of India has played an historic role as the guardian of people. It has been protecting not only basic ideals of the Constitution but also strengthened the same through progressive interpretations of the text of the Constitution. The judicial activism of the Supreme Court of India and its historic contributions has been recognized throughout the world and it gradually made it "as one of the strongest court in the world".

Course content

- 1. Meaning of the constitution law and constitutionalism
- 2. Historical perspective of the Constitution of India

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DEPARTMENT OF MECHANICAL ENGINEERING

- 3. Salient features and characteristics of the Constitution of India
- 4. Scheme of the fundamental rights
- 5. The scheme of the Fundamental Duties and its legal status
- 6. The Directive Principles of State Policy Its importance and implementation
- 7. Federal structure and distribution of legislative and financial powers between the Union and the States
- 8. Parliamentary Form of Government in India The constitution powers and status of the President of India
- 9. Amendment of the Constitutional Powers and Procedure
- 10. The historical perspectives of the constitutional amendments in India
- 11. Emergency Provisions: National Emergency, President Rule, Financial Emergency
- 12. Local Self Government Constitutional Scheme in India
- 13. Scheme of the Fundamental Right to Equality
- 14. Scheme of the Fundamental Right to certain Freedom under Article 19
- 15. Scope of the Right to Life and Personal Liberty under Article 21

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2020-2021 Year: III SEM: I Section: A` W.E.F: 24-08-2020

Day/Time	9.30 - 10.30	10.40 - 11.40	11.50 -12.50		02.00 - 03.00			
MON	DOM	TE-II	MMT		BEFA			
TUE	DOM	TE-II	MMT		BEFA			
WED	DOM	DOMM-I	OR	L U N C H 12.50 - 1.40	BEFA			
THU	DOM	DOMM-I	OR	12.50 - 1.40	BEFA			
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S.NO.	SUB CODE COURSE NAME		SUB. ABBY	V. NAME OI	F THE FACULTY			
1	ME501PC	DYNAMICS OF M	IACHINERY	DOM	DR. G. SR	IKANTH REDDY		
2	ME502PC DESIGN OF MACHIN		HINE MEMBERS-I	DMM-1	G K SHAN	G K SHANMUKH DEV		
3	ME503PC METROLOGY & MACHINE TOOLS		MMT	SRAVAN	SRAVAN KUMAR			
4	SM504MS	BUSINESS ECON FINANCIAL ANA		BE&FA	CH RAGH	UNATH REDDY		
5	ME505PC	THERMAL ENGIN		TE-II	B NAGES	WAR		
6	ME506PC	OPERATIONS RE	SEARCH	OR	B. BHARA	ATH KUMAR		
7	ME507PC	THERMAL ENGI	NEERING LAB	TE LAB	B NAGES	WAR		
8	ME508PC	METROLOGY & LAB	MACHINE TOOLS	MMT LAB	SRAVAN	KUMAR		
9	ME509PC	KINEMATICS & I	DYNAMICS LAB	KOM LAB	DR. G. SR	IKANTH REDDY		
	*MC510	INTELLECTUAL RIGHTS	PROPERTY	IPR	FAIZ ALI	FAIZ ALI		
CLASS T	EACHER :SRA	VAN KUMAR						

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DEPARTMENT OF MECHANICAL ENGINEERING

*MC510: INTELLECTUAL PROPERTY RIGHTS III Year B.Tech. MECH I-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international

organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter,

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UNIT - III

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to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right,

international copy right law.

Law of patents: Foundation of patent law, patent searching process, ownership rights and transfer

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Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations

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Unfair competition: Misappropriation right of publicity, false advertising.

UNIT - V

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law, intellectual property audits.

International overview on intellectual property, international – trade mark law, copy right law,

international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2020-2021 Year:II SEM: II Section: A W.E.F: 25-01-2021

Day/Time	10.00 - 10.5	0 11.00 -11.50	12.50 -12.50			02.00 - 02.50		
MON	ICS	BEEE	TE-I			FMHM		
TUE	BEEE	ICS	TE-I			KOM		
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S.NO	SUB CODE	COURSE NAME	,		SUB. ABBV	NAME OF	THE FACULTY	
1	EE401ES	Basic Electrical and Electronics Engineering			BEEE	AYESHA	TASKEEN	
2	ME402PC	Kinematics of M	Iachinery	ŀ	KOM	T. SHAH	INSHA	
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4 5	ME404PC ME405PC	FMHM Fluid M Machines Instrumentation	echanics and Hydrand Control System	raulic F ms I	FMHM ICS	P. DURG. E. KRISH AYESHA	A RAVI PRASAD NA DEEPAK	
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DEPARTMENT OF MECHANICAL ENGINEERING

MC300HS: GENDER SENSITIZATION LAB

B.Tech. II Year II Sem.

LTPC 0030

Course Objectives:

- To develop students' sensibility with regard to issues of gender in contemporary India.
- To provide a critical perspective on the socialization of men and women.
- To introduce students to information about some key biological aspects of genders.
- To expose the students to debates on the politics and economics of work.
- To help students reflect critically on gender violence.
- To expose students to more egalitarian interactions between men and women.

Course Outcomes:

- Students will have developed a better understanding of important issues related to gender in contemporary India.
- · Students will be sensitized to basic dimensions of the biological, sociological, psychological and legal aspects of gender. This will be achieved through discussion of materials derived from research, facts, everyday life, literature, and film.
- Students will attain a finer grasp of how gender discrimination works in our society and how to counter it.
- Students will acquire insight into the gendered division of labour and its relation to politics and economics.
- · Men and women students and professionals will be better equipped to work and live together as equals.
- Students will develop a sense of appreciation of women in all walks of life.
- · Through providing accounts of studies and movements as well as the new laws that provide protection and relief to women, the textbook will empower students to understand and respond to gender violence.

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DEPARTMENT OF MECHANICAL ENGINEERING

UNIT-I

UNDERSTANDING GENDER

Gender: Why Should We Study It? (*Towards a World of Equals*: Unit -1)

Socialization: Making Women, Making Men (*Towards a World of Equals*: Unit -2)

Introduction. Preparing for Womanhood. Growing up Male. First lessons in Caste. Different

Masculinities.

UNIT-II

GENDER AND BIOLOGY

Missing Women: Sex Selection and Its Consequences (Towards a World of Equals: Unit -4)

Declining Sex Ratio. Demographic Consequences.

Gender Spectrum: Beyond the Binary (Towards a World of Equals: Unit -10)

Two or Many? Struggles with Discrimination.

UNIT-III

GENDER AND LABOUR

Housework: the Invisible Labour (*Towards a World of Equals*: Unit -3)

"My Mother doesn't Work." "Share the Load."

Women's Work: Its Politics and Economics (Towards a World of Equals: Unit -7)

Fact and Fiction. Unrecognized and Unaccounted work. Additional Reading: Wages and Conditions of Work.

UNIT-IV

ISSUES OF VIOLENCE

Sexual Harassment: Say No! (*Towards a World of Equals*: Unit -6)

Sexual Harassment, not Eve-teasing- Coping with Everyday Harassment- Further Reading: "Chupulu".

Domestic Violence: Speaking Out (*Towards a World of Equals*: Unit -8)

Is Home a Safe Place? -When Women Unite [Film]. Rebuilding Lives. Additional Reading: New Forums for Justice.

Thinking about Sexual Violence (Towards a World of Equals: Unit -11)

Blaming the Victim-"I Fought for my Life...." - Additional Reading: The Caste Face of Violence.

UNIT-V

GENDER: CO - EXISTENCE

Just Relationships: Being Together as Equals (*Towards a World of Equals*: Unit -12) Mary Kom and Onler. Love and Acid just do not Mix. Love Letters. Mothers and Fathers. Additional Reading: Rosa Parks-The Brave Heart.

TEXTBOOK

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DEPARTMENT OF MECHANICAL ENGINEERING

Gender" written by A. Suneetha, Uma Bhrugubanda, Duggirala Vasanta, Rama Melkote, Vasudha Nagaraj, Asma Rasheed, Gogu Shyamala, Deepa Sreenivas and Susie Tharu and published by **Telugu Akademi**, **Hyderabad**, Telangana State in the year **2015**.

Note: Since it is an Interdisciplinary Course, Resource Persons can be drawn from the fields of English Literature or Sociology or Political Science or any other qualified faculty who has expertise in this field from engineering departments.

REFERENCE BOOKS:

- 1. Menon, Nivedita. Seeing like a Feminist. New Delhi: Zubaan-Penguin Books, 2012
- 2. Abdulali Sohaila. "I Fought For My Life...and Won." Available online at:

http://www.thealternative.in/lifestyle/i-fought-for-my-lifeand-won-sohail

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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

A	cademic Year	: 2021-2022	Year: II	SEM:	I		Section:	A	W.E.F: 18-10-2021		
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CLASS TEACHER: E. KRISHNA DEEPAK

CONSTITUTION OF INDIA

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RAMESH BABU

K.DEVI SINGH

M.ANIL

E. KRISHNA DEEPAK

G.BHAVANI

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DEPARTMENT OF MECHANICAL ENGINEERING

COMMON TO ALL BRANCHES *MC409/*MC309: CONSTITUTION OF INDIA B.TECH II Year I Sem.

1000 LTPC

The Constitution of India is the supreme law of India. Parliament of India cannot make any law which violates the Fundamental Rights enumerated under the Part III of the Constitution. The Parliament of India has been empowered to amend the Constitution under Article 368, however, it cannot use this power to change the "basic structure" of the constitution, which has been ruled and explained by the Supreme Court of India in its historical judgments. The Constitution of India reflects the idea of "Constitutionalism" – a modern and progressive concept historically developed by the thinkers of "liberalism" – an ideology which has been recognized as one of the most popular political ideology and result of historical struggles against arbitrary use of sovereign power by state. The historic revolutions in France, England, America and particularly European Renaissance and Reformation movement have resulted into progressive legal reforms in the form of "constitutionalism" in many countries.

The Constitution of India is not only a legal document but it also reflects social, political and economic perspectives of the Indian Society. It reflects India's legacy of "diversity". It has been said that Indian constitution reflects ideals of its freedom movement; however, few critics have argued that it does not truly incorporate our own ancient legal heritage and cultural values. No law can be "static" and therefore the Constitution of India has also been amended more than one hundred times. These amendments reflect political, social and economic developments since the year 1950. The Indian judiciary and particularly the Supreme Court of India has played an historic role as the guardian of people. It has been protecting not only basic ideals of the Constitution but also strengthened the same through progressive interpretations of the text of the Constitution. The judicial activism of the Supreme Court of India and its historic contributions has been recognized throughout the world and it gradually made it "as one of the strongest court in the world".

Course content

- 1. Meaning of the constitution law and constitutionalism
- 2. Historical perspective of the Constitution of India
- 3. Salient features and characteristics of the Constitution of India
- 4. Scheme of the fundamental rights
- 5. The scheme of the Fundamental Duties and its legal status
- 6. The Directive Principles of State Policy Its importance and implementation
- 7. Federal structure and distribution of legislative and financial powers between the Union and the States
- 8. Parliamentary Form of Government in India The constitution powers and status of the President of India
- 9. Amendment of the Constitutional Powers and Procedure
- 10. The historical perspectives of the constitutional amendments in India
- 11. Emergency Provisions: National Emergency, President Rule, Financial Emergency
- 12. Local Self Government Constitutional Scheme in India
- 13. Scheme of the Fundamental Right to Equality
- 14. Scheme of the Fundamental Right to certain Freedom under Article 19
- 15. Scope of the Right to Life and Personal Liberty under Article 21

Tel: 040-64596979,8978380692,Fax: 040-24455003

9.30 -

10.20

E-mail: e3hod.mech@gmail.com,

Website: www.mist.ac.in,



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DEPARTMENT OF MECHANICAL ENGINEERING

CLASS TIME TABLE

Academic Year: 2021-2022 Year: III SEM: I Section: A` W.E.F: 06-09-2021

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CLASS TEACHER: D.SANTHOSHKUMAR			CL	ASS TEACHER	R: D.SAN	THOS	SHKU	JMA	R			

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DEPARTMENT OF MECHANICAL ENGINEERING

*MC510: INTELLECTUAL PROPERTY RIGHTS

III Year B.Tech. MECH I-Sem

LTPC 3000

UNIT - I

Introduction to Intellectual property: Introduction, types of intellectual property, international

organizations, agencies and treaties, importance of intellectual property rights.

UNIT - II

Trade Marks: Purpose and function of trademarks, acquisition of trade mark rights, protectable matter.

selecting, and evaluating trade mark, trade mark registration processes.

UNIT - III

Law of copy rights: Fundamental of copy right law, originality of material, rights of reproduction, rights

to perform the work publicly, copy right ownership issues, copy right registration, notice of copy right,

international copy right law.

Law of patents: Foundation of patent law, patent searching process, ownership rights and transfer

UNIT - IV

Trade Secrets: Trade secrete law, determination of trade secrete status, liability for misappropriations

of trade secrets, protection for submission, trade secrete litigation.

Unfair competition: Misappropriation right of publicity, false advertising.

UNIT - V

New development of intellectual property: new developments in trade mark law; copy right law, patent

law, intellectual property audits.

International overview on intellectual property, international – trade mark law, copy right law,

international patent law, and international development in trade secrets law.

TEXT & REFERENCE BOOKS:

- 1. Intellectual property right, Deborah. E. Bouchoux, Cengage learning.
- 2. Intellectual property right Unleashing the knowledge economy, prabuddha ganguli, Tata

McGraw Hill Publishing company Itd