

**DIPLOMA IN COMPUTER SCIENCE AND ENGINEERING
&
CERTIFICATE IN DATA ENTRY & WORD PROCESSING (CDE)**

Semester-I (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	CS-111	Computer Fundamentals	3	0	2	5	4
6	CS-112	Troubleshooting & Maintenance Lab	0	0	4	4	2
7	CS-113	Internet Applications Lab	0	0	4	4	2
Total			17	1	14	32	25
Semester-II (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-122	Workshop Practice	0	0	4	4	2
6	CS-122	Operating System Fundamentals	3	0	2	5	4
7	ME-121	Engineering Drawing	0	0	4	4	2
Total			16	1	16	33	25
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	
Semester-III B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-211	Internet & Web Technologies	2	0	4	6	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamental of Electronics Engineering	3	0	2	5	4
4	CS-214	Computer Programming	3	0	4	7	5
5	CS-215	Data Structures	3	0	4	7	5
6	MC-211	Moral values and Professional ethics	1	0	0	1	0
Total			15	0	16	31	22
Semester-IV (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-221	Applied Mathematics	3	1	0	4	4
2	CS-221	Object Oriented Programming	2	0	4	6	4
3	CS-222	Network Operating System	2	0	2	4	3
4	CS-223	Computer Architecture & Organisation	3	0	0	3	3
5	CS-224	Computer Networks	3	0	2	5	4
6	CS-225	System Installation and Maintenance	2	0	4	6	4
7	CS-226	Desktop Publishing Lab	0	0	4	4	2
Total			15	1	16	32	24
Semester-V A (ICD)							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-VB (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	MC-311	Environmental Studies	2	0	0	2	2
2	HU-311	Entrepreneurship	2	0	0	2	2
3	CS-311	Computer Graphics	3	0	4	7	5
4	CS-312	Software Engineering	3	0	2	5	4
5	CS-313	Database Management	3	0	4	7	5
6	CS-314	System Analysis & Design	2	1	0	3	3
7	CS-315	Visual Programming Lab	0	0	4	4	2
8	TP-301E	Industrial Training (Evaluation only)					
Total			15	1	14	30	23
Semester-VI (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-321	Java Programming	3	0	4	7	5
2	CS-322	System Programming	3	0	0	3	3
3	CS-323	Microprocessor	3	0	4	7	5
4	CS-324	Multimedia & Animation Techniques	2	0	4	6	4
5	CS-325	Project	0	0	4	4	2
6	CS-326	Network Installation & Security	3	0	2	5	4
Total			14	0	18	32	23

**DIPLOMA (ICD) IN CHEMICAL TECHNOLOGY
&
CERTIFICATE IN PAPER TECHNOLOGY**

Semester-I (ICD)							
S.N	Sub	Subject Name	L	T	P	Hrs.	Credit
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-112	Workshop Practice	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CH-111	Pulping & Bleaching Technology	2	0	2	4	3
Total			16	1	14	31	24
Semester-II (ICD)							
S.N	Sub	Subject Name	L	T	P	Hrs.	Credit
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	CH-121	Unit Operation Lab	0	0	4	4	2
6	CH-122	Introduction of Paper Technology Lab	0	0	4	4	2
7	CS-121	Computer Fundamentals	3	0	2	5	4
Total			16	1	16	33	25
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer				80	S/US
Semester-III B (ICD)							
S.N	Sub	Subject Name	L	T	P	Hrs.	Credit
1	AM-211	Applied Mathematics	3	1	0	4	4
2	CH-211	Fluid Flow	3	1	0	4	4
3	CH-212	Pulp Washing & Chemical Recovery	3	1	4	8	6
4	CH-214	Paper Testing & Quality Control Lab	0	0	4	4	2
5	CH-215	Chemical Engg. Thermodynamics	3	2	0	5	5
6	CH-216	Mechanical Operation	3	1	0	4	4
Total			15	6	8	29	25
Semester-IV (ICD)							
S.N	Sub	Subject Name	L	T	P	Hrs.	Credit
1	CH-221	Heat Transfer	3	2	4	9	7
2	EE-221	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-221	Fundamentals of Electronics Engineering	3	0	2	5	4
4	CH-223	Stock Preparation & Paper Making	3	2	0	5	5
5	CH-225	Paper Making Lab	0	0	4	4	2
6	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			13	4	12	29	22
Semester-V A (ICD)							
	TP-301	Four Weeks Industrial Training during				160	
Semester-V B (ICD)							
S.N	Sub	Subject Name	L	T	P	Hrs.	Credits
1	CH-311	Process Instrumentation	3	0	4	7	5
2	CH-312	Mass Transfer	3	1	0	4	4
3	CH-313	Chemical Reaction Engineering	3	2	4	9	7
4	CH-314	Industrial Stoichiometry	3	2	0	5	5
5	CH-315	Alternate Energy Sources	3	1	0	4	4
5	TP-301E	Industrial Training					S/US
Total			15	6	8	29	25
Semester-VI (ICD)							
S.N	Sub	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	CH-321	Chemical Process Industries	3	2	0	5	5
4	CH-322	Petroleum Technology	3	1	4	8	6
5	CH-333	Process Equipment Design	1	1	4	6	4
6	CH-335	Project	0	0	4	4	2
Total			11	4	12	27	21

**DIPLOMA(ICD) IN CIVIL ENGINEERING
&
CERTIFICATE PROGRAMME IN BUILDING MAINTENANCE**

Semester-I (ICD)								
S.N	Sub.	Subject Name	L	T	P	Hrs	Credits	
1	AM-111	Mathematics- I	4	1	0	5	5	
2	PH -111	Physics-I	4	0	2	6	5	
3	CY-111	Chemistry-I	4	0	2	6	5	
4	HU-111	Communication Skills-I	2	0	0	2	2	
5	WS-111	Workshop Practice-I	0	0	4	4	2	
6	ME-111	Engineering Drawing	0	0	4	4	2	
7	CS-111	Computer Fundamentals	3	0	2	5	4	
Total			17	1	14	32	25	
Semester-II (ICD)								
S.N	Sub.	Subject Name	L	T	P	Hrs	Credits	
1	AM-121	Mathematics- II	4	1	0	5	5	
2	PH-121	Physics-II	4	0	2	6	5	
3	CY-121	Chemistry-II	4	0	2	6	5	
4	HU-121	Communication Skills-II	1	0	2	3	2	
5	WS-121	Workshop Practice-II	0	0	4	4	2	
6	HU-122	Principles of Management and Industrial	3	0	0	3	3	
7	CV-121	Building Materials	2	0	2	4	3	
Total			18	1	12	31	25	
Semester -III A								
1	TP-201	Two Weeks Practical Training during Summer Vacation				80	S/US	
Semester-III B(ICD)								
S.N	Sub.	Subject Name	L	T	P	Hrs	Credits	
1	AM-211	Applied Mathematics	3	1	0	4	4	
2	EE-211	Fundamentals of Electrical Engineering	3	0	2	5	4	
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4	
4	CV-211	Surveying-I	2	0	2	4	3	
5	CV-212	Building Construction and Drawing	2	0	2	4	3	
6	CV-213	Concrete Technology	2	0	2	4	3	
7	CV-214	Water Supply and Waste Water Engineering	2	0	2	4	3	
Total			17	1	12	30	24	
Semester-IV								
S.N	Sub.	Subject Name	L	T	P	Hrs	Credits	
1	CV-221	Surveying-II	2	0	2	4	3	
2	CV-222	Irrigation Engineering & Drawing	2	0	4	6	4	
3	CV-223	Highway Engineering	3	0	2	5	4	
4	CV-224	Quantity Surveying & Valuation	2	0	0	2	2	
5	CV-225	Structural Mechanics	3	1	2	6	5	
6	CV-226	Building Maintenance	2	0	4	6	4	
7	MC-221	Moral values and Professional Ethics	1	0	0	1	0	
Total			15	1	14	30	22	
Semester-V A								
	TP-301	Four Weeks Industrial Training/Surveying Camp during Summer				160	S/US	
Semester-V B								
S.N	Sub.	Subject Name	L	T	P	Hrs	Credits	
1	CV-311	Construction Management and Accounts	3	0	0	3	3	
2	CV-312	Soil and Foundation Engineering	2	1	4	7	5	
3	CV-313	Fluid Mechanics	2	0	4	6	4	
4	CV-314	Railways, Bridges and Tunnel Engineering	2	0	2	4	3	
5	CV-315	CAD in Civil Engineering	2	1	2	5	4	
6	CV-316	Design and Drawing of RCC Structures	2	0	4	6	4	
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US	
Total			13	2	16	31	23	
Semester-VI								
S.N	Sub	Subject Name	L	T	P	Hrs	Credits	
1	HU-321	Entrepreneurship	2	0	0	2	2	
2	MC-321	Environmental Studies	2	0	0	2	2	
3	CV-321	Architectural Practices and Interior Design	3	0	4	7	5	
4	CV-322	Design and Drawing of Steel Structures	4	0	2	6	5	
5	CV-323	Construction Machinery and Equipment	3	1	0	4	4	
6	CV-324	Earthquake Resistant Building Construction	3	0	0	3	3	
7	CV-325	Project	0	0	4	4	2	
Total			17	1	10	28	23	

DIPLOMA (ICD) IN ELECTRONICS AND COMMUNICATION ENGINEERING

&

CERTIFICATE PROGRAMME IN SERVICING & MAINTENANCE OF ELECTRONIC INSTRUMENTS(CSME)

Semester-I (ICD) (CSME)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1.	AM-111	Mathematics- I	4	1	0	5	5
2.	PH-111	Physics-I	4	0	2	6	5
3.	CY-111	Chemistry-I	4	0	2	6	5
4.	HU-111	Communication Skills-I	2	0	0	2	2
5.	EE-111	Fundamental of Electrical Engineering	3	0	2	5	4
6	WS-112	Workshop Practice	0	0	4	4	2
7.	EC-112	Electronic Devices	2	0	2	4	3
Total			19	1	12	32	26
Semester-II (ICD) (CSME)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	ME-121	Engineering Drawing	0	0	4	4	2
5	EC-121	Digital Electronics	3	0	4	7	5
6	EC-122	Electronics Workshop Practice-I	0	0	4	4	2
Total			15	1	16	32	24
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B (ICD) (CSME)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	HU-211	Communication Skills-II	1	0	2	3	2
2	CS-216	Computer Fundamentals	3	0	2	5	4
3	EC-213	Electronics measurement & instrumentation	3	1	2	6	5
4	EC-214	Analog Communication	3	1	2	6	5
5	EC-217	Consumer Electronics	3	1	0	4	4
6	EC-218	Troubleshooting of electronics equipments	0	0	4	4	2
7	MC-211	Moral values and Professional ethics	1	0	0	1	0
Total			14	3	12	29	22
Semester-IV (ICD) (CSME)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-221	Applied Mathematics	3	1	0	4	4
2	EC-223	Fundamentals of Microprocessor & Microcontroller	3	1	4	8	6
3	EC-226	Computer Programming & application	3	0	2	5	4
4	EC-227	Service & Maintenance of Computer	2	0	4	6	4
5	EC-228	Network Theory	3	1	0	4	4
6	EC-229	Troubleshooting of Electronic Components	0	0	4	4	2
Total			14	3	14	31	24
Semester-V A (ICD)							
	TP301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	MC-311	Environmental Studies	2	0	0	2	2
2	HU-311	Entrepreneurship	2	0	0	2	2
3	EC-311	Field Theory	3	0	0	3	3
4	EC-312	Linear IC's & Application	3	1	4	8	6
5	EC-313	Industrial Electronics	3	1	4	8	6
6	EC-314	Electronic Workshop Practice-II	0	0	4	4	2
7	EC-315	Surface Mount Technology	2	1	0	3	3
8	TP-301E	Industrial Training					S/US
Total			15	3	12	30	24
Semester-VI (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	EC-321	Digital Communication	3	1	2	6	5
2	EC-322	Wireless & Mobile Communication	3	0	0	3	3
3	EC-323	Microprocessor & Microcontroller Applications	3	1	2	6	5
4	EC-324	Microwave engineering	3	0	0	3	3
5	EC-325	Microelectronics	3	0	2	5	4
7	EC-327	Project	0	0	4	4	2
Total			15	2	10	27	22

**DIPLOMA (ICD) IN ELECTRONICS AND COMMUNICATION ENGINEERING
&
CERTIFICATE PROGRAMME IN TELEVISION MECHANIC (CTV)**

Semester-I (ICD) (CTV)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	EC-112	Electronic Devices	2	0	2	4	3
6	EE-111	Fundamental of Electrical Engineering	3	0	2	5	4
7	WS-112	Workshop Practice	0	0	4	4	2
Total			19	1	12	32	26
Semester-II (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	ME-121	Engineering Drawing	0	0	4	4	2
5	EC-121	Digital Electronics	3	0	4	7	5
6	EC-122	Electronics Workshop Practice-I	0	0	4	4	2
Total			15	1	16	32	24
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	CS-216	Computer Fundamentals	3	0	2	5	4
2	HU-211	Communication Skills-II	1	0	2	3	2
3	EC-212	Fundamental of television Engineering	3	1	2	6	5
4	EC-213	Electronics measurement & instrumentation	3	1	2	6	5
5	EC-214	Analog Communication	3	1	2	6	5
6	EC-216	Maintenance & Repairing of Televisions	0	0	4	4	2
7	MC-211	Moral values and Professional ethics	1	0	0	1	0
Total			14	3	14	31	23
Semester-IV (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-221	Applied Mathematics	3	1	0	4	4
2	EC-222	Audio Video System	3	0	2	5	4
3	EC-223	Fundamentals of Microprocessor & Microcontroller	3	1	4	8	6
4	EC-224	Troubleshooting of Audio Video equipment	0	0	6	6	3
5	EC-228	Network Theory	3	1	0	4	4
6	EC-229	Troubleshooting of Electronic Components	0	0	4	4	2
Total			12	3	16	31	23
Semester-V A (ICD)							
	TP301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	MC-311	Environmental Studies	2	0	0	2	2
2	HU-311	Entrepreneurship	2	0	0	2	2
3	EC-311	Field Theory	3	0	0	3	3
4	EC-312	Linear IC's & Application	3	1	4	8	6
5	EC-313	Industrial Electronics	3	1	4	8	6
6	EC-314	Electronic Workshop Practice-II	0	0	4	6	4
7	EC-315	Surface Mount Technology	2	1	0	3	3
7	TP-301E	Industrial Training					S/US
Total			15	3	12	30	24
Semester-VI (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	EC-321	Digital Communication	3	1	2	6	5
2	EC-322	Wireless & Mobile Communication	3	0	0	3	3
3	EC-323	Microprocessor & Microcontroller Applications	3	1	2	6	5
4	EC-324	Microwave engineering	3	0	0	3	3
5	EC-325	Microelectronics	3	0	2	5	4
6	EC-327	Project	0	0	4	4	2
Total			15	2	10	27	22

**DIPLOMA IN ELECTRICAL ENGINEERING
&
CERTIFICATE IN ELECTRICIAN (CEN)
(ICD)**

Semester-I							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	EE-113	Basic Electrical Engineering	3	0	2	5	4
6	EE-112	Electrical Workshop Practice-I	0	0	4	4	2
7	ME-111	Engineering Drawing	0	0	4	4	2
Total			17	1	14	32	25
Semester-II							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-122	Workshop Practice	0	0	4	4	2
6	CS-121	Computer Fundamentals	3	0	2	5	4
7	EE-121	Electrical Engineering Drawing	0	0	4	4	2
Total			16	1	16	33	25
Semester-III A							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	EE-212	D.C. Machines and Transformers	3	1	2	6	5
2	EE-213	Electrical Measurements	3	0	2	5	4
3	EE-214	Power System 1(Transmission & Distribution)	3	1	0	4	4
4	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
5	EE-215	Electrical Estimation & Costing	3	1	0	4	4
6	EE-216	Maintenance & Repair of Electrical Equipments	2	0	2	4	3
7	MC-211	Moral values and Professional Ethics	1	0	0	1	0
Total			18	3	8	29	24
Semester-IV							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-221	Applied Mathematics	3	1	0	4	4
2	EE-222	Sensors and Transducers	3	0	2	5	4
3	EE-223	Electrical Workshop Practice-II	0	0	4	4	2
4	EE-224	Testing & Maintenance of Electrical Machines	0	0	4	4	2
5	EE-225	Utilization of Electrical Energy	3	0	0	3	3
6	EE-226	A.C. machines	3	0	2	5	4
7	EE-227	Power System II (Generation)	3	0	0	3	3
Total			15	1	12	28	22
Semester-V A							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	MC-311	Environmental Studies	2	0	0	2	2
2	HU-311	Entrepreneurship	2	0	0	2	2
3	EE-311	Electrical Circuit Theory	3	1	2	6	5
4	EE-312	Digital Electronics	3	0	2	5	4
5	EE-313	Control Engineering	3	0	2	5	4
6	EE-314	Electrical Engineering Materials	3	0	0	3	3
7	EE-315	Computer Programming	3	0	2	5	4
8	TP-301E	Industrial Training (Evaluation only)					S/US
Total			19	1	8	28	24
Semester-VI							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	EE-321	Microprocessors	2	0	0	2	2
2	EE-322	Industrial Electronics	3	0	2	5	4
3	EE-323	Energy Conservation Practice	3	0	0	3	3
4	EE-324	Switchgear and Protection	3	0	2	5	4
5	EE-325	Industrial Automation	3	0	2	5	4
6	EE-326	Non-Conventional Energy Sources	3	0	0	3	3
7	EE-327	Project	0	0	4	4	2
Total			17	0	10	27	22

**DIPLOMA (ICD) IN INSTRUMENTATION AND CONTROL ENGINEERING
&
CERTIFICATE IN SERVICING & MAINTENANCE OF MEDICAL INSTRUMENTS (CSMM)**

Semester-I							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	IE-111	Instrumentation Workshop Practice	0	0	2	2	1
6	EE-113	Basic Electrical Engineering	3	0	2	5	4
7	ME-111	Engineering Drawing	0	0	4	4	2
Total			17	1	12	30	24
Semester-II							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-122	Workshop Practice	0	0	4	4	2
6	CS-121	Computer Fundamentals	3	0	2	5	4
7	IE-121	Measurement Science	3	0	0	3	3
Total			19	1	12	32	26
Semester-III A							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	IE-211	Electrical Measurements	3	0	2	5	4
2	IE-212	Sensors and Transducers	3	0	2	5	4
3	IE-213	Hydraulic and Pneumatic Instruments	3	0	2	5	4
4	IE-214	Electrical and Instrumentation Drawing	0	0	4	4	2
5	IE-215	Electromagnetic Energy Conversion	3	0	2	5	4
6	EC-211	Fundamental of Electronics Engineering	3	0	2	5	4
7	MC-211	Moral values and Professional ethics	1	0	0	1	0
Total			16	0	14	30	22
Semester-IV							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-221	Applied Mathematics	3	1	0	4	4
2	IE-221	Human Physiology and Medical Instruments	3	0	0	3	3
3	IE-222	Maintenance and Troubleshooting of Instruments	0	0	3	3	1
4	IE-223	Process Control	3	0	2	5	4
5	IE-224	Analog and Digital Electronics	3	0	4	7	5
6	IE-225	Mechanical Measurements-I	3	0	0	3	3
7	IE-226	Electronic Measurements	3	0	2	5	4
Total			18	1	11	30	24
Semester-V A							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	MC-311	Environmental Studies	2	0	0	2	2
2	HU311	Entrepreneurship	2	0	0	2	2
3	IE-311	Control Engineering	3	0	2	5	4
4	IE-312	Analytical & Biomedical Instrumentation	3	0	2	5	4
5	IE-313	Data Acquisition Systems	3	0	2	5	4
6	IE-314	Mechanical Measurements-II	3	0	2	5	4
7	IE-315	Microprocessor and Microcontroller	3	0	2	5	4
8	TP-301E	Industrial Training (Evaluation only)					S/US
Total			19	0	10	29	24
Semester-VI (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	IE-321	Elements of Computer Programming	2	0	2	4	3
2	IE-322	Case Studies of Process Plants	3	0	2	5	4
3	ME-326	Fundamental of Mechanical Engineering	3	0	0	3	3
4	IE-323	Industrial Automation and Safety	3	0	2	5	4
5	IE-324	Power Electronics and Drives	3	0	2	5	4
6	IE-325	Telemetry and Display Devices	2	0	0	2	2
7	IE-326	Project	0	0	4	4	2
Total			16	0	12	28	22

**DIPLOMA (ICD) IN FOOD TECHNOLOGY
&
CERTIFICATE IN FOOD PROCESSING & PRESERVATION (CPF)**

Semester-I (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	FT -111	Introduction to Food Technology	3	0	2	5	4
Total			17	1	14	32	25
Semester-II (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	CS-121	Computer Fundamentals	3	0	2	5	4
Total			16	1	12	29	23
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	FT -211	Food Microbiology	3	0	2	5	4
5	FT -212	Food Chemistry	3	0	2	5	4
6	FT -213	Principles of Food Processing and Preservation	3	0	2	5	4
Total			18	1	10	29	24
Semester-IV (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	FT-221	Technology of Food Beverages	3	0	2	5	4
2	FT-222	Technology of Fruits and Vegetable Processing	3	0	2	5	4
3	FT-223	Technology of Milk and Milk Processing	3	0	2	5	4
4	FT-224	Technology of Meat, Fish and Poultry Processing	3	0	2	5	4
5	FT-225	Technology of Cereal Processing	3	0	2	5	4
6	FT-226	Food Quality	3	0	2	5	4
7	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			19	0	12	31	24
Semester-V A (ICD)							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	FT-311	Food Laws and Quality Assurance	3	0	2	5	4
2	FT-312	Unit operations in Food Processing	3	0	2	5	4
3	FT-313	Post Harvest Technology	3	0	2	5	4
4	FT-314	Food Biochemistry and Nutrition	3	0	2	5	4
5	FT-315	Technology of Bakery and Confectionery	3	0	2	5	4
6	FT-316	Technology of Pulses and Oilseed Processing	3	0	2	5	4
7	TP-301E	Industrial Training (Evaluation only--SUS)					S/US
Total			18	0	12	30	24
Semester-VI							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	FT-321	Elements of Food Engineering	3	0	2	5	4
4	FT-322	Technology of Spices, Herbs and Condiments	3	0	2	5	4
5	FT-323	Food Byproducts and Waste Utilization	3	0	2	5	4
6	FT-324	Technology of Food Packaging	3	0	2	5	4
7	FT-325	Project (SUS)			4	4	2
Total			16	0	12	28	22

**DIPLOMA(ICD) IN MECHANICAL ENGINEERING
&
CERTIFICATE IN AIR CONDITIONING MECHANIC (CAC)**

Semester-I (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH -111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CS-111	Computer Fundamentals	3	0	2	5	4
Total			17	1	14	32	25
Semester-II (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	ME-122	Machine Drawing	0	0	4	4	2
7	ME-123	Thermal Engineering	2	0	2	4	3
Total			15	1	16	32	24
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	ME-211	Manufacturing Process-I	3	0	2	5	4
5	ME-212 B	Refrigeration & Air Conditioning-I	2	0	2	4	3
6	ME-213	Engineering Materials & Metallurgy	2	0	2	4	3
7	ME-214 B	Installation & Servicing of RAC equipments	0	0	4	4	2
Total			16	1	14	31	24
Semester-IV (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	ME-221 B	Refrigeration & Air Conditioning-II	3	0	2	5	4
2	ME-222 B	Fundamentals of Heat and Mass Transfer	2	0	4	6	4
3	ME-223	Metrology & Mechanical Measurements	3	0	2	5	4
4	ME-224	Estimation & Costing	2	0	0	2	2
5	ME-225	Manufacturing Process-II	3	0	2	5	4
6	ME-226	Engineering Mechanics	3	1	2	6	5
7	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			17	1	12	30	23
Semester-V A (ICD)							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-VB (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	ME-311	Power Plant Engineering	3	0	2	5	4
2	ME-312	Theory of Machines	2	1	4	7	5
3	ME-313	Fluid Mechanics	2	0	4	6	4
4	ME-314	Production Management	2	0	2	4	3
5	ME-315	Strength of Materials	2	1	2	5	4
6	ME-316	Industrial Engineering	2	0	2	4	3
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US
Total			13	2	16	31	23
Semester-VI (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	ME-321	Automobile & IC Engine	2	0	4	6	4
4	ME-322	CAD/CAM	2	0	4	6	4
5	ME-323	Design of Machine Elements	3	2	0	5	5
6	ME-324	Industrial Automation & Control	2	0	4	6	4
7	ME-325	Project	0	0	4	4	2
Total			13	2	16	31	23

**DIPLOMA (ICD) IN MECHANICAL ENGINEERING
&
CERTIFICATE IN AUTO AND FARM EQUIPMENT MECHANIC (CAF)**

Semester-I (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH -111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CS-111	Computer Fundamentals	3	0	2	5	4
Total			17	1	14	32	25
Semester-II (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	ME-122	Machine Drawing	0	0	4	4	2
7	ME-123	Thermal Engineering	2	0	2	4	3
Total			15	1	16	32	24
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	ME-211	Manufacturing Process-I	3	0	2	5	4
5	ME-212 C	Farm Machinery-I	2	0	2	4	3
6	ME-213	Engineering Materials & Metallurgy	2	0	2	4	3
7	ME-214 C	Repair and Maintenance of Auto and Farm Equipments	0	0	4	4	2
Total			16	1	14	31	24
Semester-IV (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	ME-221 C	Advanced Agricultural Equipments	3	0	2	5	4
2	ME-222 C	Farm machinery-II	2	0	4	6	4
3	ME-223	Metrology & Mechanical Measurements	3	0	2	5	4
4	ME-224	Estimation & Costing	2	0	0	2	2
5	ME-225	Manufacturing Process-II	3	0	2	5	4
6	ME-226	Engineering Mechanics	3	1	2	6	5
7	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			17	1	12	30	23
Semester-V A (ICD)							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	ME-311	Power Plant Engineering	3	0	2	5	4
2	ME-312	Theory of Machines	2	1	4	7	5
3	ME-313	Fluid Mechanics	2	0	4	6	4
4	ME-314	Production Management	2	0	2	4	3
5	ME-315	Strength of Materials	2	1	2	5	4
6	ME-316	Industrial Engineering	2	0	2	4	3
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US
Total			13	2	16	31	23
Semester-VI (ICD)							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	ME-321	Automobile & IC Engine	2	0	4	6	4
4	ME-322	CAD/CAM	2	0	4	6	4
5	ME-323	Design of Machine Elements	3	2	0	5	5
6	ME-324	Industrial Automation & Control	2	0	4	6	4
7	ME-325	Project	0	0	4	4	2
Total			13	2	16	31	23

**DIPLOMA (ICD) IN MECHANICAL ENGINEERING
&
CERTIFICATE IN FOUNDRY AND FORGING (CFF)**

Semester-I (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH -111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CS-111	Computer Fundamentals	3	0	2	5	4
Total			17	1	14	32	25
Semester-II (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	ME-122	Machine Drawing	0	0	4	4	2
7	ME-123	Thermal Engineering	2	0	2	4	3
Total			15	1	16	32	24
Semester-III A (ICD)							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	ME-211	Manufacturing Process-I	3	0	2	5	4
5	ME-212	Foundry Technology-I	2	0	2	4	3
6	ME-213	Engineering Materials & Metallurgy	2	0	2	4	3
7	ME-214	Pattern Drawing	0	0	4	4	2
Total			16	1	14	31	24
Semester-IV (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	ME-221	Foundry Technology-II	3	0	2	5	4
2	ME-222	Forging Technology	2	0	4	6	4
3	ME-223	Metrology & Mechanical Measurements	3	0	2	5	4
4	ME-224	Estimation & Costing	2	0	0	2	2
5	ME-225	Manufacturing Process-II	3	0	2	5	4
6	ME-226	Engineering Mechanics	3	1	2	6	5
7	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			17	1	12	30	23
Semester-V A (ICD)							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	ME-311	Power Plant Engineering	3	0	2	5	4
2	ME-312	Theory of Machines	2	1	4	7	5
3	ME-313	Fluid Mechanics	2	0	4	6	4
4	ME-314	Production Management	2	0	2	4	3
5	ME-315	Strength of Materials	2	1	2	5	4
6	ME-316	Industrial Engineering	2	0	2	4	3
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US
Total			13	2	16	31	23
Semester-VI (ICD)							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	ME-321	Automobile & IC Engine	2	0	4	6	4
4	ME-322	CAD/CAM	2	0	4	6	4
5	ME-323	Design of Machine Elements	3	2	0	5	5
6	ME-324	Industrial Automation & Control	2	0	4	6	4
7	ME-325	Project	0	0	4	4	2
Total			13	2	16	31	23

**DIPLOMA (ICD) IN MECHANICAL ENGINEERING
&
CERTIFICATE IN TOOL AND DIE TECHNOLOGY (CTD)**

Semester-I							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH-111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CS-111	Computer Fundamentals	3	0	2	5	4
Total			17	1	14	32	25
Semester-II							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	ME-121	Machine Drawing	0	0	4	4	2
7	ME-122	Thermal Engineering	2	0	2	4	3
Total			15	1	16	32	24
Semester-III A							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	ME-211	Manufacturing Process-I	3	0	2	5	4
5	ME-212 A	Tool Room Techniques-I	2	0	2	4	3
6	ME-213	Engineering Materials & Metallurgy	2	0	2	4	3
7	ME-214 A	Tool Drawing	0	0	4	4	2
Total			16	1	14	31	24
Semester-IV							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	ME-221 A	Fundamentals of Tool and Die Design	3	0	2	5	4
2	ME-222 A	Tool Room Techniques-II	2	0	4	6	4
3	ME-223	Metrology & Mechanical Measurement	3	0	2	5	4
4	ME-224	Estimation & Costing	2	0	0	2	2
5	ME-225	Manufacturing Process-II	3	0	2	5	4
6	ME-226	Engineering Mechanics	3	1	2	6	5
7	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			17	1	12	30	23
Semester-V A							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	ME-311	Power Plant Engineering	3	0	2	5	4
2	ME-312	Theory of Machines	2	1	4	7	5
3	ME-313	Fluid Mechanics	2	0	4	6	4
4	ME-314	Production Management	2	0	2	4	3
5	ME-315	Strength of Materials	2	1	2	5	4
6	ME-316	Industrial Engineering	2	0	2	4	3
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US
Total			13	2	16	31	23
Semester-VI							
S.No	Sub	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	ME-321	Automobile & IC Engine	2	0	4	6	4
4	ME-322	CAD/CAM	2	0	4	6	4
5	ME-323	Design of Machine Elements	3	2	0	5	5
6	ME-324	Industrial Automation & Control	2	0	4	6	4
7	ME-325	Project	0	0	4	4	2
Total			13	2	16	31	23

**DIPLOMA (ICD) IN MECHANICAL ENGINEERING
&
CERTIFICATE IN WELDING (CWG)**

Semester-I							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-111	Mathematics- I	4	1	0	5	5
2	PH -111	Physics-I	4	0	2	6	5
3	CY-111	Chemistry-I	4	0	2	6	5
4	HU-111	Communication Skills-I	2	0	0	2	2
5	WS-111	Workshop Practice-I	0	0	4	4	2
6	ME-111	Engineering Drawing	0	0	4	4	2
7	CS-111	Computer Fundamentals	3	0	2	5	4
Total			17	1	14	32	25
Semester-II							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-121	Mathematics- II	4	1	0	5	5
2	PH-121	Physics-II	4	0	2	6	5
3	CY-121	Chemistry-II	4	0	2	6	5
4	HU-121	Communication Skills-II	1	0	2	3	2
5	WS-121	Workshop Practice-II	0	0	4	4	2
6	ME-122	Machine Drawing	0	0	4	4	2
7	ME-123	Thermal Engineering	2	0	2	4	3
Total			15	1	16	32	24
Semester-III A							
	TP-201	Two Weeks Practical Training during summer vacations				80	S/US
Semester-III B							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	AM-211	Applied Mathematics	3	1	0	4	4
2	EE-211	Fundamental of Electrical Engineering	3	0	2	5	4
3	EC-211	Fundamentals of Electronics Engineering	3	0	2	5	4
4	ME-211	Manufacturing Processes-I	3	0	2	5	4
5	ME-212 D	Welding Technology-I	2	0	2	4	3
6	ME-213	Engineering Materials & Metallurgy	2	0	2	4	3
7	ME-214 D	Welding Practices	0	0	4	4	2
Total			16	1	14	31	24
Semester-IV							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	ME-221 D	Inspection and Testing of weldments	3	0	2	5	4
2	ME-222 D	Welding Technology-II	2	0	4	6	4
3	ME-223	Metrology & Mechanical Measurements	3	0	2	5	4
4	ME-224	Estimation & Costing	2	0	0	2	2
5	ME-225	Manufacturing Process-II	3	0	2	5	4
6	ME-226	Engineering Mechanics	3	1	2	6	5
7	MC-221	Moral values and Professional ethics	1	0	0	1	0
Total			17	1	12	30	23
Semester-V A							
	TP-301	Four Weeks Industrial Training during summer vacations				160	
Semester-V B							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	ME-311	Power Plant Engineering	3	0	2	5	4
2	ME-312	Theory of Machines	2	1	4	7	5
3	ME-313	Fluid Mechanics	2	0	4	6	4
4	ME-314	Production Management	2	0	2	4	3
5	ME-315	Strength of Materials	2	1	2	5	4
6	ME-316	Industrial Engineering	2	0	2	4	3
7	TP-301E	Industrial Training (Evaluation only--S/US)					S/US
Total			13	2	16	31	23
Semester-VI							
S.No	Sub Code	Subject Name	L	T	P	Hrs.	Credits
1	HU-321	Entrepreneurship	2	0	0	2	2
2	MC-321	Environmental Studies	2	0	0	2	2
3	ME-321	Automobile & IC Engines	2	0	4	6	4
4	ME-322	CAD/CAM	2	0	4	6	4
5	ME-323	Design of Machine Elements	3	2	0	5	5
6	ME-324	Industrial Automation & Control	2	0	4	6	4
7	ME-325	Project	0	0	4	4	2
Total			13	2	16	31	23