

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME
FOR POST S.S.C. DIPLOMA COURSES
(R-2009)

(Proposed)

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN CIVILENGINEERING**

COURSE CODE: **DCE**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FIRST**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												TOTAL MARK S
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- I	09-MA-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-I	09-PH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-I	09-CH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-I	09-HM-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Elements of Civil Engg	09-CE-01	3	0	0	3	100	35	25	125	40	-	-	-	-			125
6	Basic Workshop Practice-I	09-ME-01	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -I	09-ME-02	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Civil Engg. Workshop-I	09-CE-02	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		18	13	4		500		125	625		125				150		900

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : L- Lecture, TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN CIVIL ENGINEERING**

COURSE CODE: **DCE**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **SECOND**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME										Total Marks		
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR			TW	
							Max	Min		Max	Min	Max	Min	Max	Min		Max	Min
1	Mathematics- II	09-MA-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-II	09-PH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-II	09-CH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-II	09-HM-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Computer Fundamentals	09-CO-01	1	2	0	-	-	-	-	-	-	50	20	-	-	25	10	75
6	Basic Workshop Practice -II	09-ME-03	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -II	09-ME-04	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Civil Engg. Workshop II	09-CE-03	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		16	15	4		400		100	500		175				125		850

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : L- Lecture, TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN MECHANICAL ENGINEERING**

COURSE CODE: **DME**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FIRST**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME										TOTAL MARKS		
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR			TW	
							Max	Min		Max	Min	Max	Min	M a x	M i n		Max	Min
1	Mathematics- I	09-MA-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-I	09-PH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-I	09-CH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-I	09-HM-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Production Processes-I	09-ME-05	3	0	0	3	100	35	25	125	40	-	-	-	-	-	-	125
6	Basic Workshop Practice-I	09-ME-01	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -I	09-ME-02	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Production Processes Workshop	09-ME-06	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		18	13	4		500		125	625		125			150		900	

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN MECHANICAL ENGINEERING**

COURSE CODE: **DME**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **SECOND**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME										Total Marks		
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR			TW	
							Max	Min		Max	Min	Max	Min	Max	Min		Max	Min
1	Mathematics- II	09-MA-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-II	09-PH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-II	09-CH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-II	09-HM-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Computer Fundamentals	09-CO-01	1	2	0	-	-	-	-	-	-	50	20	-	-	25	10	75
6	Basic Workshop Practice II	09-ME-03	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -II	09-ME-04	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Civil & Electrical Engg. Workshop	09-CE-04	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		16	15	4		400		100	500		200			200		850	

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN ELECTRICAL ENGINEERING**
 COURSE CODE: **DEE**
 DURATION OF COURSE: **6 SEMESTERS**
 SEMESTER: **FIRST**
 FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME											TOTA L MARK S	
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min	Max		Min
1	Mathematics- I	09-MA-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-I	09-PH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-I	09-CH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-I	09-HM-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Elements of Electrical & Electronics Engineering	09-EE-01	3	0	0	3	100	35	25	125	40	-	-	-	-	-	-	125
6	Basic Workshop Practice	09-ME-01	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -I	09-ME-02	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Electrical & Electronic Engineering Workshop	09-EE-02	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		18	13	4		500		125	625		125			150		900	

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN ELECTRICAL ENGINEERING**

COURSE CODE: **DEE**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **SECOND**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												TOTAL MARKS
			L	Pr	T	PAPE R HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- II	09-MA-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-II	09-PH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-II	09-CH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-II	09-HM-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Electrical Engineering Fundamentals	09-EE-03	3	2	0	3	100	35	25	125	40	-	-	-	-	25	10	150
6	Basic Workshop Practice II	09-ME-03	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Programming in 'C'	09-CO-02	2	2	0	-	-	-	-	-	-	-	-	50	20	25	10	75
8	Mini Projects	09-EE-04	-	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		1 8	13	4		500		125	625		50		50		175		900

Student Contact Hours per week (Formal Teaching): 35 Hours

Theory, Practical and Tutorial periods are of 60 minutes duration.

Total Marks : 900

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN ELECTRONIC ENGINEERING**

COURSE CODE: **DEIn.E**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FIRST**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												TOTAL MARKS
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- I	09-MA-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-I	09-PH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-I	09-CH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-I	09-HM-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Elements of Electrical & Electronics Engineering	09-EC-01	3	0	0	3	100	35	25	125	40	-	-	-	-	-	-	125
6	Basic Workshop Practice	09-ME-01	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -I	09-ME-02	2	4	0	-	-	-	-	-	-	50	20	50	20	-	-	100
8	Electrical & Electronic Engineering Workshop	09-EC-02	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		18	13	4		500		125	625		125				150		900

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN ELECTRONIC ENGINEERING**

COURSE CODE: **DEIn.E**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **SECOND**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- II	09-MA-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-II	09-PH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-II	09-CH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-II	09-HM-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Electrical Engineering Fundamentals	09-EE-03	1	2	0	-	-	-	-	-	-	50	20	-	-	25	10	75
6	Basic Workshop Practice II	09-ME-03	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Programming in 'C'	09-CO-02	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Mini Project	09-EE-04	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		16	15	4		400		100	500		200				200		850

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN TEXTILE MANUFACTURE**

COURSE CODE: **DTM**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FIRST**

FULL TIME/PART TIME: **FULL TIME**

SR NO	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												TOTAL MARKS
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- I	09-MA-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-I	09-PH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-I	09-CH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-I	09-HM-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Elements of Textile Engineering I	09-TT-01	3	0	0	3	100	35	25	125	40	-	-	-	-	-	-	125
6	Basic Workshop Practice I	09-ME-01	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics-I	09-ME-02	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Textile Engg Workshop I	09-TT-02	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		18	13	4	15	500	175	125	625	200	125	45	0	0	150	60	900

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations: TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN TEXTILE MANUFACTURE**

COURSE CODE: **DTM**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER:**SECOND**

FULL TIME/PART TIME: **FULL TIME**

SR. NO	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												TOTAL MARKS
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- II	09-MA-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-II	09-PH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-II	09-CH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-II	09-HM-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Computer Fundamentals	09-CO-01	1	2	0	-	-	-	-	-	-	50	20	-	-	25	10	75
6	Basic Workshop Practice II	09-ME-03	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics II	09-ME-04	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Textile Engg Workshop II	09-TT-03	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		16	15	4	12	400	140	100	500	160	175	65	0	0	125	50	850

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations: TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)

COURSE NAME: **DIPLOMA IN TECHNICAL CHEMISTRY.**

COURSE CODE: **DTC**

DURATION OF COURSE: **6 SEMESTERS**

SEMESTER: **FIRST**

FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												TOTAL MARKS
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Ma x	Min	Max	Min	Max	Min	Max	Min	
1	Mathematics- I	09-MA-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-I	09-PH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-I	09-CH-01	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-I	09-HM-01	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Introduction to profession	09-CH-03	3	0	0	3	100	35	25	125	40	-	-	-	-	-	-	125
6	Basic Workshop Practice	09-ME-01	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -I	09-ME-02	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Workshop practices-I	09-ME-03	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		18	13	4		500		125	625		100				150		900

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work

**VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE
TEACHING AND EXAMINATION SCHEME FOR POST S.S.C. DIPLOMA COURSES(R-2009)**

COURSE NAME: **DIPLOMA IN TECHNICAL CHEMISTRY.**
 COURSE CODE: **DTC**
 DURATION OF COURSE: **6 SEMESTERS**
 SEMESTER: **SECOND**
 FULL TIME/PART TIME: **FULL TIME**

S N	SUBJECT TITLE	SUBJECT CODE	TEACHING SCHEME			EXAMINATION SCHEME												Total Mark s
			L	Pr	T	PAPER HRS	TH		TEST	TOTAL		PR		OR		TW		
							Max	Min		Max	Min	Max	Min	Max	Min			
1	Mathematics- II	09-MA-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
2	Physics-II	09-PH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
3	Chemistry-II	09-CH-02	3	2	0	3	100	35	25	125	40	25	10	-	-	-	-	150
4	Communication Skills-II	09-HM-02	3	0	2	3	100	35	25	125	40	-	-	-	-	25	10	150
5	Computer Fundamentals	09-CO-01	1	2	0	-	-	-	-	-	-	50	20	-	-	25	10	75
6	Basic Workshop Practice II	09-ME-02	1	3	0	-	-	-	-	-	-	-	-	-	-	50	20	50
7	Engineering Graphics -II	09-ME-03	2	4	0	-	-	-	-	-	-	50	20	-	-	50	20	100
8	Workshop practices II	09-CE-04	0	2	0	-	-	-	-	-	-	-	-	-	-	25	10	25
	TOTAL		16	15	4		400		100	500		175				125		850

Theory, Practical and Tutorial periods are of 60 minutes duration.

Abbreviations : TH –Theory, TU – Tutorials, PR – Practical, OR – Oral, TW- Term work