



Dr Sagar Mal Juniwal's

**APEX UNIVERSITY**®

**JAIPUR**



## FACULTY OF ENGINEERING AND TECHNOLOGY

### Department of Electrical Engineering

### Teaching Scheme Session 2022 Onwards

Program Name: Diploma Engineering Course: Diploma in Electrical Engineering

YEAR/SEMESTER: I/I

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE600101	Mathematics-I	4
2	EE600102	Applied Physics-I	4
3	EE600103	Applied Chemistry	4
4	EE600104	Communication Skills In English	3
<b>Practical Papers</b>			
1	EE600121	Engineering Graphics	2
2	EE600122	Engineering Workshop Practice	2
3	EE600123	Applied Physics-I Lab	1
4	EE600124	Applied Chemistry Lab	1
5	EE600125	Communication Skills In English Lab	1
6	EE600126	Sports And Yoga	1
7	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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Program Name: Diploma Engineering      Course: Diploma in Electrical Engineering  
YEAR/SEMESTER: I/II

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE600201	Mathematics-II	4
2	EE600202	Applied Physics-II	4
3	EE600203	Introduction to IT System	3
4	EE600204	Fundamentals of Electrical & Electronics Engineering	4
5	EE600205	Engineering Mechanics	4
<b>Practical Papers</b>			
1	EE600221	Applied Physics-II Lab	1
2	EE600222	Introduction to IT System Lab	2
3	EE600223	Fundamentals of Electrical & Electronics Engineering Lab	2
4	EE600224	Engineering Mechanics Lab	1
5	EE600225	Environmental Sciences	1
6	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1



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Program Name: Diploma Engineering      Course: Diploma in Electrical Engineering  
YEAR/SEMESTER: II/III

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE601301	Introduction To Electric Generation Systems	3
2	EE601302	Electrical Circuits	4
3	EE601303	Electrical And Electronic Measurements	3
4	EE601304	Electric Motors And Transformers	3
5	EE601305	Renewable Energy Power Plants	3
6	HA101351	Professional English - I	2
7	CA101351	Fundamentals of Computer Application -I	1
<b>Practical Papers</b>			
1	EE601321	Introduction To Electric Generation Systems Lab	1
2	EE601322	Electrical Circuits Lab	1
3	EE601323	Electrical And Electronic Measurements Lab	1
4	EE601324	Electric Motors And Transformers Lab	1
5	EE601325	Renewable Energy Power Plants Lab	1
6	SODECA	Social Outreach, Discipline & Extra Curricular Activities	2
7	EE601327	Students Centered Activities	-
8	EE6013SI	Summer Internship -I (4 Weeks after II Sem)	2
9	CA101371	Fundamentals of Computer Application -I	1



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Program Name: Diploma Engineering      Course: Diploma in Electrical Engineering  
YEAR/SEMESTER: II/IV

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE601401	Fundamentals Of Power Electronics	3
2	EE601402	Electric Power Transmission And Distribution	3
3	EE601403	Induction, Synchronous And Special Electrical Machines	3
4	EE601404	Illumination Practices	3
5	EE601405	Electrical Estimation And Contracting	3
6	HA101451	Professional English - II	2
7	CA101451	Fundamentals of Computer Application -II	1
<b>Practical Papers</b>			
1	EE601421	Fundamentals Of Power Electronics Lab	1
2	EE601422	Electric Power Transmission And Distribution Lab	1
3	EE601423.1	Industrial Instrumentation And Condition Monitoring Lab	1
	EE601423.1	Illumination Practices Lab	
4	EE601424.1	Electrical Estimation And Contracting Lab	1
	EE601424.2	Electric Vehicles Lab	
5	EE601425	Induction, Synchronous And Special Electrical Machines Lab	
6	SODECA	Social Outreach, Discipline & Extra Curricular Activities	2
7	EE601428	Students Centered Activities	-
8	EE6014PR	Minor Project	2
9	EE6011AU	Essence Of Indian Knowledge And Tradition	-
10	CA101471	Fundamentals Of Computer Application - II	1



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### Department of Electrical Engineering Teaching Scheme Session 2022 Onwards

Program Name: Diploma Engineering      Course: Diploma in Electrical Engineering  
YEAR/SEMESTER: III/V

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE601501	Microcontroller Applications	3
2	EE601502	Energy Conservation And Audit	3
3	EE601503	Engineering Economics & Accountancy	4
4	EE601504	Switchgear And Protection	3
5	EE601505	Industrial Drives	3
6	HA101551	Professional English - III	2
7	CA101551	Fundamentals of Computer Application -III	1
<b>Practical Papers</b>			
1	EE601521	Microcontroller Applications Lab	1
2	EE601522	Energy Conservation And Audit Lab	1
3	EE601523	Switchgear And Protection Lab	2
4	EE601524	Industrial Drives Lab	1
5	EE6015SI	Summer Internship -II (6 Weeks after IV Sem)	3
6	EE6015PR	Major Project	-
7	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1
8	EE601526	Students Centered Activities	-
9	CA101571	Fundamentals Of Computer Application - III	1



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YEAR/SEMESTER: III/VI

S. No.	Subject Code	Subject Title	Credit
		Theory Papers	
1	EE6012601	Building Electrification	4
2	EE601602	Entrepreneurship And Start-Ups	3
3	EE601603	Renewable Energy Technologies	3
4	EE601604	Disaster Management	3
5	EE601605	Indian Constitution	2
6	HA101651	Professional English - IV	2
7	CA101651	Fundamentals of Computer Application -IV	1
<b>Practical Papers</b>			
1	EE601621	Building Electrification Lab	2
2	SODECA	Social Outreach, Discipline & Extra Curricular Activities	1
3	EE602624	Students Centered Activities	-
4	EE6026PR	Major Project	4
5	CA101671	Fundamentals Of Computer Application - IV	1