

UNIVERSITY POLYTECHNIC, GA
DIPLOMA IN ELECTRONICS & COMM

Semester-Fir				
S.No	Courae Category	Course Code	Course Name	Course Type
1	BS	N1DF101T	Applied Mathematics-I	Theory
2	ES	N1DL101T	Engineering Graphics	Theory
3	BS	N1DB104B	Applied Physics-I	Integrated
4	HS	N1DF106B	Basic Communication & Computer Skills	Integrated
5	BS	N1DF105C	Basic Chemistry	Comprehensive
6	AU	N1DF103T	Environment Education & Disaster Management	Mng
Total				
Semester-Seco				
S.No	Courae Category	Course Code	Course Name	Course Type
1	BS	N1DF201T	Applied Mathematics-II	Theory
2	BS	N1DF201B	Applied Physics-II	Integrated
3	HS	N1DF202B	Professional Communication	Integrated
4	ES	N1DK201B	Fundamentals of Electrical & Electronics Engg.	Integrated
5	ES	N1DL101C	Workshop Practice	Comprehensive
Total				
Semester-Thi				
S.No	Courae Category	Course Code	Course Name	Course Type
1	BS	N1DF301T	Applied Mathematics-III	Theory

2	PC	N1DK301B	Network Filters & Transmission Lines	Integrated
3	PC	N1DK302B	Electronic Devices And Circuits	Integrated
4	PC	N1DF320B	Computer Programming using C	Integrated
5	PC	N1DK303C	Principles of Digital Electronics	Comprehensive
Total				
Semester-Four				
S.No	Courae Category	Course Code	Course Name	Course Type
1	PC	N1DK401B	Antenna,Microwave & Radar Engg.	Integrated
2	PC	N1DK402B	Microprocessor And its Application	Integrated
3	PC	N1DK403B	Electronic Instruments And Measurement.	Integrated
4	PC	N1DK405C	Principle of Communication Engineering	Integrated
5	PC	N1DK404B	Electronics Design and Simulation Techniques	Comprehensive
6	AU	N1DF408T	Entrepenurship and start-up	Mng
Total				
*Summer Internship: After examination of 4th Semester, the students shall go for training in a relevant field and maintain a diary. It shall be evaluated during 6th semester by his/her teachers. The students shall also prepare a report on the training.				

Semester-Fifth

S.No	Courae Category	Course Code	Course Name	Course Type
1	PE	Given By ERP	Program Elective-I	Theory
2	PC	Given By ERP	Wireless & Mobile Communication	Theory
3	OE	Given By ERP	Open Elective	Integrated
4	PC	Given By ERP	Industrial Electronics & Transducers	Integrated
5	PE	Given By ERP	Program Elective-II	Integrated
6	PC	Given By ERP	Linear Integrated Circuits	Comprehensive
7	HS	Given By ERP	Personality Development & Soft Skills	Skill Lab
8	PC	Given By ERP	Trouble shooting of Electronic Equipment	Lab
Total				

Semester-Sixth

S.No	Courae Category	Course Code	Course Name	Course Type
1	PR	Given By ERP	Industrial Training	Lab
2	PR	Given By ERP	Project/Industrial Internship	Lab
Total				

Total Credits

LGOTIAS UNIVERSITY
UNIFICATION ENGINEERING

st					
L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
3	1	0	0	4	4
1	2	0	0	3	3
2	1	1	0	4	5
2	0	2	0	4	6
3	0	1	1	5	8
0	0	0	0	0	2
11	4	4	1	20	28
nd					
L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
3	1	0	0	4	4
2	1	1	0	4	5
2	0	2	0	4	6
2	0	1	0	3	4
2	0	2	1	5	9
11	2	6	1	20	28
rd					
L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
3	0	0	0	3	3

3	0	1	0	4	5
3	0	1	0	4	5
3	0	1	0	4	5
3	0	1	1	5	8
15	0	4	1	20	26

4th

L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
3	0	1	0	4	5
3	0	1	0	4	5
3	0	1	0	4	5
3	0	1	0	4	5
2	0	1	1	4	7
0	0	0	0	0	2
14	0	5	1	20	29

relevant industry/field organization for a minimum period of 4-6 weeks and will prepare a report at the end of training and shall present it in a 6th Semester.

th					
L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
3	0	0	0	3	3
3	0	0	0	3	3
2	0	1	0	3	4
2	0	1	0	3	4
3	0	1	0	4	5
3	0	1	1	5	8
0	0	2	0	2	4
0	0	1	0	1	2
16	0	7	1	24	33
th					
L (Credit)	T (Credit)	P (Credit)	S (Credit)	Total Credit	Total Hours
0	0	4	0	4	8
0	0	12	0	12	24
0	0	16	0	16	32
				120	

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Program Elective (PE)						
S. No.	Course Code	Name of the Course	L	T	P	C
1	PE-1	Optical Fiber Communication	3	0	0	3
2	PE-2	Microcontrollers and Embedded System	3	0	1	4
3	PE-3	Industrial Automation	3	0	2	4
4	PE-4	Microcontrollers and Embedded System	3	0	2	4
5	PE-5	Electronic Equipment Maintenance	3	0	2	4
6	PE-6	Semiconductor Packaging & Assembly	3	0	0	3

Newly Added

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Open Elective (OE)						
S. No	Course Code	Name of the Course	L	T	P	C
1	OE-1	Introduction to IoT	2	0	1	3
2	OE-2	Artificial Intelligence	3	0	0	3
3	OE-3	Renewable Energy Technologies	3	0	0	3
4	OE-4	Sustainable Development	3	0	0	3
5	OE-5	Cyber Security Law, Standards and IPR	3	0	0	3
6	OE-6	Digital Marketing	3	0	0	3
7	OE-7	Industrial Robots	3	0	0	3

Newly
Added