RK University
SCHOOL OF DIPLOMA STUDIES
PROGRAM: COMPUTER ENGINEERING (Diploma)

SEMESTER – I (Batch - 2022-25)				
TEACHING SCHEME				
Sr. No.	**Course Name**	**Teaching Hours**		**Credits**
		Theory	**Tutorial**	**Practical**	
1	MATHEMATICS-I	4	0	0	4
2	INTRODUCTION TO ICT	2	0	4	4
3	BASICS OF ELECTRICAL AND ELECTRONICS ENGINEERING	3	0	2	4
4	ELECTRICAL AND ELECTRONICS WORKSHOP	0	0	4	2
5	APPLIED SCIENCE	3	0	2	4
6	ENGLISH AS A SECOND LANGUAGE INTERMEDIATE LEVEL 1	3	0	0	3
7	MENTORING	1	0	0	0
8	ELECTIVE-1	0	0	2	1
	University Elective – I NSS YOGA				
	TOTAL	**16**	**0**	**14**	**22**
	Total Teaching Hours	**30**			

SEMESTER – II (Batch - 2022-25)				
TEACHING SCHEME				
Sr. No.	**Course Name**	**Teaching Hours**		**Credits**
		Theory	**Tutorial**	**Practical**	
1	MATHEMATICS-II	4	0	0	4
2	DIGITAL ELECTRONICS	3	0	2	4

3	BASICS OF PROGRAMMING	2	0	4	4
4	ELECTRONICS DEVICES AND CIRCUITS-I	3	0	2	4
5	ENGLISH AS A SECOND LANGUAGE INTERMEDIATE LEVEL 2	3	0	0	3
6	WEB DESIGNING TECHNOLOGIES	0	0	4	2
7	Elective-II	1	0	2	1
8	University Elective – II NSS YOGA				
	TOTAL	**16**	**0**	**14**	**21**
	Total Teaching Hours	**30**			

SEMESTER – III (Batch - 2022-25)					
TEACHING SCHEME					
Sr. No.	**Course Name**	**Teaching Hours**			**Credits**
		Theory	**Tutorial**	**Practical**	
1	OPEN SOURCE TECHNOLOGIES	2	0	2	3
2	ANALOG COMMUNICATION	3	0	2	4
3	DATABASE MANAGEMENT SYSTEM	3	0	4	5
4	ANALOG AND DIGITAL CIRCUIT DESIGN	3	0	2	4
5	OOP CONCEPTS	0	0	4	2
6	PYTHON PROGRAMMING	0	0	4	2
7	MENTORING	1	0	0	0
	TOTAL	**12**	**0**	**18**	**20**
	Total Teaching Hours	**30**			

SEMESTER – IV (Batch - 2022-25)					
TEACHING SCHEME					
Sr. No.	**Course Name**	**Teaching Hours**			**Credits**
		Theory	**Tutorial**	**Practical**	

1	WEB TECHNOLOGY	0	0	4	2
2	MICROPROCESSOR AND MICROCONTROLLER	3	0	4	5
3	DATA STRUCTURE AND ALGORITHM	3	0	2	4
4	COMPUTER NETWORKS	2	0	4	4
5	DIGITAL COMMUNICATIONS	3	0	2	3
6	University Elective – III Entrepreneurship Basic Campus to Corporate Trainning"	3	0	0	3
	TOTAL	**14**	**0**	**16**	**21**
	Total Teaching Hours		**30**		

SEMESTER – V (Batch - 2022-25)					
TEACHING SCHEME					
Sr. No.	**Course Name**	**Teaching Hours**			**Credits**
		Theory	**Tutorial**	**Practical**	
1	CRYPTOGRAPHY AND NETWORK SECURITY	2	0	2	3
2	PROGRAMMING IN ASP.NET	2	0	4	4
3	PROBABILITY, STATISTICS AND INFORMATION THEORY	2	0	2	3
4	SOFTWARE ENGINEERING	2	0	2	4
5	MOBILE APPILCATION DEVELOPMENT	1	0	4	3
6	MINI PROJECT	0	0	2	1
7	University Elective – IV Branch elective	3	0	2	4
	INTRODUCTION TO CLOUD COMPUTING/AWS COURSE				
	OPTICAL AND SATELLITE COMMUNICATION				
	ELCTROMAGNETIC THEORY				
	NETWORK SWITCHING AND ROUTING				
	TOTAL	**12**	**0**	**18**	**22**
	Total Teaching Hours		**30**		

	SEMESTER – VI (Batch - 2022-25)				
	TEACHING SCHEME				
Sr. No	**Course Name**	**Teaching Hours**			**Credits**
		Theory	**Tutorial**	**Practical**	
1	Project/Training	0	0	50	25
	TOTAL				
	Total Teaching Hours	**0**			