Pokhara University
Bachelor of Computer Engineering, 2022

Year I		Semester I				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	ELE 120	Basic Electrical Engineering	3	3	1	2
2	MTH 110	Calculus I	3	3	2	0
3	ENG 110	Communication Techniques	2	2	2	0
4	CMP 122	Computer Workshop	1	0	0	3
5	ELX 110	Digital Logic	3	3	1	2
6	ELX 120	Electronics Devices and Circuits	3	3	1	2
7	CMP 124	Programming in C	3	3	1	3
		Sub Total	18	17	8	12
Year I		Semester II				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 150	Algebra and Geometry	3	3	2	0
2	CHM 110	Applied Chemistry	2	2	1	2
3	PHY 110	Applied Physics	3	3	1	2
4	MEC 116	Basic Engineering Drawing	1	0	0	3
5	CMP 160	Data Structure and Algorithms	3	3	1	3
6	ELE 172	Instrumentation	3	3	1	2
7	CMP 162	Object Oriented Programming in C++	3	3	1	3
		Sub Total	18	17	7	15
Year II		Semester III				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	MTH 210	Calculus II	3	3	2	0
2	CMP 234	Computer Graphics	3	3	1	2
3	CMM 220	Data Communication	3	3	1	2
4	CMP 222	Database Management System	3	3	1	3
5	CMP 224	Microprocessor and ALP	3	3	1	2
6	CMP 232	Operating Systems	3	3	1	2
		Sub Total	18	18	7	11
Year II		Semester IV				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 228	Advanced Programming with Java	3	3	1	3
2	MTH 250	Applied Mathematics	3	3	2	0
3	CMP 262	Computer Architecture	3	3	1	1
4	MTH 252	Numerical Methods	2	2	1	2
5	CMP 270	Research Fundamentals	2	2	0	2
6	CMP 264	Theory of Computation	3	3	1	0
		Sub Total	16	16	6	8
Year III		Semester V				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 346	Artificial Intelligence	3	3	1	3
2	CMM 344	Digital Signal Analysis and Processing	3	3	1	2
3	ELX 320	Embedded System	2	2	1	2
4	MGT 320	Engineering Management	2	2	1	0
5	MTH 216	Probability and Statistics	2	2	2	0
6	CMP 348	Software Engineering	3	3	1	2
		Sub Total	15	15	7	9
Year III		Semester VI				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 344	Computer Networks	3	3	1	2
2	CMP 360	Compiler Design	2	2	2	2
3	CMP 362	Image Processing and Pattern Recognition	3	3	1	2
4	CMP 364	Machine Learning	3	3	1	2
5	PRJ 360	Project I	1	0	0	2
6	CMP 338	Simulation and Modeling	3	3	1	2
7		Elective I	3	3	1	2
		Sub Total	18	17	7	14
Year IV		Semester VII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	CMP 424	Cloud Computing and Virtualization	3	3	1	2
2	CMP 422	Data Science and Analytics	2	2	1	2
3	MGT 250	Engineering Economics	3	3	1	0
4	MGT 332	Entrepreneurship and Professional Practice	2	2	1	0
5	CMP 426	Network and Cyber Security	3	3	1	2
6		Elective II	3	3	1	2
		Sub Total	16	16	6	8
Year IV		Semester VIII				
S. N.	Course Code	Subject	Credit	Lecture	Tutorial	Practical
1	INT 492	Internship	3	0	0	6
2	PRJ 452	Project II	3	0	0	6
3		Elective III	3	3	1	2
		Sub Total	9	3	1	14
		Total	128			

March 27, 202_