

BATCH 2025-2028**DIPLOMA IN COMPUTER SCIENCE & ENGINEERING****SEMESTER I**

S. No.	Code	Course Title	Credit
1	3DBSC101	Basic Mathematics I	3
2	3DBSC102	Basic Chemistry	3
3	3DBSC103	Basic Physics I	3
4	3DPCC101	Fundamentals of Computer	3
5	3DHSMC101	Life Skills I	2

PRACTICAL/DESIGN/DRAWING/SESSIONAL

1	3DBSC102P	Basic Chemistry Lab	1
2	3DBSC103P	Basic Physics I Lab	1
3	3DPCC101P	Fundamentals of Computer Lab	1
4	3DESC101P	Basic Engineering Graphics Lab	1
5	3DPCC102P	Computer Assembly and Repair I Lab	2
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SEMESTER II

S. No.	Code	Course Title	Credit
1	3DBSC104	Basic Physics II	3
2	3DBSC105	Basic Mathematics II	3
3	3DPCC103	Programming in C	3
4	3DESC102	Basic Electrical & Electronics Engineering	3
5	3DMC101	Environmental Studies	3
6	3DHSMC102	Life Skills II	2

PRACTICAL/DESIGN/DRAWING/SESSIONAL

1	3DBSC104P	Basic Physics II Lab	1
2	3DPCC103P	Programming in C Lab	1
3	3DESC102P	Basic Electrical & Electronics Engineering Lab	1
4	3DPCC104P	Computer Assembly and Repair II Lab	1
			21

SEMESTER III

S. No.	Code	Course Title	Credit
1	3DPCC201	Object Oriented Programming using C++	3
2	3DPCC202	Data Structures	3
3	3DPCC203	Web Technology	3
4	3DHSMC201	Communication & Soft Skills	2
5	3DMC201	** Disaster Management	0
6	3DBSC201	Applied Mathematics	3

PRACTICAL/DESIGN/DRAWING/SESSIONAL

1	3DPCC201P	Object Oriented Programming using C++ Lab	1
2	3DPCC202P	Data Structures Lab	1
3	3DPCC203P	Web Technology Lab	1
			17

SEMESTER IV

S. No.	Code	Course Title	Credit
1	3DPCC204	Operating System	3
2	3DPCC205	Data Communication and Computer Networking	3
3	3DPCC206	Database Management System	3
4	3DESC207	Electronic Devices and Circuits	3
5	3DPCC208	Computer Architecture	3
6	3DHSMC202	Professional Skills	2

PRACTICAL/DESIGN/DRAWING/SESSIONAL

1	3DPCC204P	Operating System Lab	1
2	3DPCC205P	Data Communication and Computer Networking Lab	1
3	3DPCC206P	Database Management System Lab	1
4	3DESC207P	Electronic Devices and Circuits Lab	1
			21

SEMESTER V

S. No.	Code	Course Title	Credit
1	3DPCC301	Java Programming	3
2	3DPCC302	Computer Graphics	3
3		Departmental Elective I	3
4		Departmental Elective II	3
5	3DESC303	Microprocessor & Microcontrollers	3
6	3DHSMC301	**Human Values and Ethics	0

PRACTICAL/DESIGN/DRAWING/SESSIONAL

1	3DPCC301P	Java Programming Lab	1
2	3DPCC302P	Computer Graphics Lab	1
3		Departmental Elective I Lab	1
4		Departmental Elective II Lab	1
			19

SEMESTER VI

S. No.	Code	Course Title	Credit
1	3DPCC304	Network Security	3
2	3DPCC305	Software Engineering & Tools	4
3		Departmental Elective III	3
4		Open Elective	3
5	3DPROJ	Project	6
6	3DHSMC302	#Seminar in Executive Communication	0

PRACTICAL/DESIGN/DRAWING/SESSIONAL

1	3DPCC304P	Network Security Lab	1
2	3DPCC305P	Software Engineering & Tools Lab	1
3		Departmental Elective III Lab	1
			22

Elective	Course Name	Course Code	Credit
Departmental Elective I (Select any)	3DDE301	Advanced Web Technology	4
	3DDE302	Mobile Computing	4

(Select any	3DDE303	Data Mining	4
Department	3DDE304	Python Programming	4
al Elective	3DDE305	Advanced Data Structures	4
II	3DDE306	Advanced Database Management System	4
(Department	3DDE307	Artificial Intelligence	4
al Elective	3DDE308	Internet of Things	4
III	3DDE309	Advanced Computer Networks	4
(Select any			
Open		Principle of Management	3
Elective		Research Methodology	3
(Select any		Law of Information Technology Act	3
one in		Business Ethics	3
Semester			

#NOTE: Qualifying Non Credit Course & only Viva voce is conducted

** NOTE: Qualifying Non Credit Course