



BRAINWARE UNIVERSITY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
Diploma in Computer Science and Engineering 2021

Mandatory Induction Program (Duration: 1 week)

- Physical activity
- Creative Arts
- Universal Human Values
- Literary
- Proficiency Modules
- Lectures by Eminent People
- Visits to local Areas
- Familiarization to Dept./Branch & Innovations

Different components of Mandatory Induction Program will be implemented as per the guidelines of Regulatory Bodies.

SEMESTER – I

Course Code	Course Name	L - T - P	Credits	Total Marks
DCSE101	Communicative English I	2 - 0 - 0	2	100
DCSE102	Physics I	3 - 1 - 0	2	100
DCSE103	Chemistry	3 - 1 - 0	2	100
DCSE104	Mathematics I	3 - 1 - 0	2	100
DCSE105	Engineering Mechanics	3 - 1 - 0	2	100
DCSE106	Computer Fundamentals	3 - 1 - 0	2	100
	Practical			
DCSE191	Physics I Lab	0 - 0 - 3	2	50
DCSE192	Chemistry Lab	0 - 0 - 3	2	50
DCSE193	Engineering Drawing I	0 - 0 - 3	2	50
DCSE194	Workshop Practice I	0 - 0 - 3	2	50
DCSE195	Computer Fundamentals Lab	0 - 0 - 3	2	50
DCSE181	NSS			
Total			22	850



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SEMESTER-II

Course Code	Course Name	L - T - P	Credits	Total Marks
DCSE201	Communicative English II	2 - 0 - 0	2	100
DCSE202	Physics II	3 - 1 - 0	2	100
DCSE203	Data Structures & Algorithm	3 - 1 - 0	2	100
DCSE204	Mathematics II	3 - 1 - 0	2	100
DCSE205	Environmental Science	3 - 1 - 0	2	100
DCSE206	Electrical Technology	3 - 1 - 0	2	100
Practical				
DCSE291	Communicative English II Lab	0 - 0 - 3	2	50
DCSE292	Physics II Lab	0 - 0 - 3	2	50
DCSE293	Data Structures & Algorithm Lab	0 - 0 - 3	2	50
DCSE294	Engineering drawing II	0 - 0 - 3	2	50
DCSE295	Workshop Practice II	0 - 0 - 3	2	50
Total			22	850

SEMESTER-III

Course Code	Course Name	L - T - P	Credits	Total Marks
DCSE301	Computer Organization	3 - 1 - 0	3	100
DCSE302	Design and Analysis of Algorithm	3 - 1 - 0	3	100
DCSE303	Digital Electronics	3 - 0 - 0	2	100
DCSE304	PC Hardware and Networking	3 - 1 - 0	2	100
DCSE305	Economics & Accountancy	3 - 0 - 0	2	100
Practical				
DCSE391	Computer Organization Lab	0 - 0 - 3	2	100
DCSE392	Design and Analysis of Algorithm Lab	0 - 0 - 3	2	100
DCSE393	Digital Electronics Lab	0 - 0 - 3	2	50
DCSE394	PC Hardware and Networking Lab	0 - 0 - 3	2	50
Total			20	800
Development of Life Skill		1 - 0 - 0		



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SEMESTER-IV

Course Code	Course Name	L - T - P	Credits	Total Marks
DCSE401	OOP with C++	3 - 1 - 0	3	100
DCSE402	Database Management Systems	3 - 1 - 0	3	100
DCSE403	Operating System	3 - 1 - 0	3	100
DCSE404	Microprocessors	3 - 1 - 0	3	100
Practical				
DCSE491	OOP with C++ Lab	0 - 0 - 3	2	100
DCSE492	Database Management Systems Lab	0 - 0 - 3	2	100
DCSE493	Operating System Lab	0 - 0 - 3	2	100
DCSE494	Microprocessor Lab	0 - 0 - 3	2	100
PROJ-DCSE481	Project I	0 - 0 - 2	2	100
DCSE482	Professional Practice I /Industrial Training		2	50
Total			24	950

SEMESTER-V

Course Code	Course Name	L - T - P	Credits	Total Marks
DCSE501	Internet and Web Technologies	3 - 1 - 0	3	100
DCSE502	Computer Graphics	3 - 1 - 0	3	100
DCSE503	Multimedia	3 - 1 - 0	3	100
DCSE504	Java	3 - 1 - 0	3	100
DCSE505	Elective I : A. Computer Hardware Maintenance I B. Windows Server Administration I	3 - 1 - 0	2	100
Practical				
DCSE591	Internet and Web Technologies Lab	0 - 0 - 3	2	100
DCSE592	Computer Graphics Lab	0 - 0 - 3	2	100
DCSE593	Multimedia Lab	0 - 0 - 3	2	100
DCSE594	Java Lab	0 - 0 - 3	2	100
DCSE595	Elective I Lab	0 - 0 - 3	2	50
PROJ-DCSE581	Project II	0 - 0 - 2	2	100
DCSE582	Professional Practice II /Industrial Training		2	50
Total			28	1100



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SEMESTER-VI

Course Code	Course Name	L - T - P	Credits	Total Marks
DCSE601	Industrial Management & Entrepreneurship	3 - 1 - 0	2	100
DCSE602	Artificial Intelligence	3 - 1 - 0	3	100
DCSE603	Computer Network	3 - 1 - 0	3	100
DCSE604	E-Commerce	3 - 0 - 0	2	100
DCSE605	Elective II: A. Computer Hardware Maintenance II B. Windows Server Administration II	3 - 1 - 0	2	100
Practical				
DCSE691	Artificial Intelligence Lab	0 - 0 - 3	2	50
DCSE692	Computer Network Lab	0 - 0 - 3	2	100
DCSE693	Android Development Lab	0 - 0 - 3	2	50
DCSE694	Elective II Lab : A. Computer Hardware Maintenance II Lab B. Windows Server Administration II Lab	0 - 0 - 3	2	50
PROJ-DCSE681	Industrial Project		2	100
DCSE682	General Viva Voce		2	100
Total			24	950