

Study & Evaluation Scheme of Bachelor of Computer Application

[Applicable for Batch 2022-25]

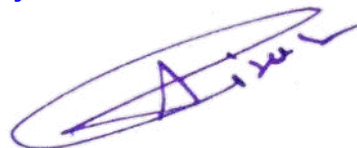
[As per CBCS guidelines given by UGC]



Approved in BOS	Approved in BOF	Approved in Academic Council
14/05/2022	8/08/2022	20/10/2022 Vide Agenda No 8.4.1

Quantum University, Roorkee
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Website: www.quantumuniversity.edu.in




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SEMESTER 3

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
CA 3305	PC	Relational Database Management	3	0	0	3	1.0	Nil
CA 3304	PC	Operating System	3	0	0	3	1.0	Nil
CA 3341	PC	Relational Database Management Lab	0	0	2	1	1.0	Nil
CA 3342	PC	Python Programming Lab	0	0	4	2	1.0	Nil
HU 3201	FC	Indian Knowledge System	1	0	0	1	1.0	Nil
CA 3370	FW	Internship Presentation	0	0	2	1	1.0	Nil
	OE	Open Elective II	3	0	0	3	1.0	Nil
GP3301	GP	General Proficiency	0	0	0	1		
			10	0	8	15		

BCA-MAWT Specialization

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
CA 3306	PC	Web Programming -CAP-II	3	0	0	3	1	Nil
CA 3307	PC	Python Programming	3	1	0	4	1	Nil
CA 3343	PC	Web Programming -CAP-II Lab	0	0	2	1	1	Nil
VP 3303	VP	Value Added Program III	0	0	2	2	1	Nil
		TOTAL	16	1	12	25		

Contact Hrs: 30




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Open Elective III

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
CE3015	OE	Hydrology	3	0	0	3	1.0	Nil
CS3025	OE	Data Science Models : Regression, Classification and Clustering	3	0	0	3	1.0	Nil
AG3015	OE	Musroom Cultivation	3	0	0	3	1.0	Nil
BB3015	OE	E-commerce	3	0	0	3	1.0	Nil
JM3015	OE	Media industry and Management	3	0	0	3	1.0	Nil
HM3015	OE	Italian Cuisine	3	0	0	3	1.0	Nil
MB3015	OE	SAP 5	3	0	0	3	1.0	Nil
EG3015	OE	French Advance C1	3	0	0	3	1.0	Nil
MT3015	OE	Robotic Industry 4.0	3	0	0	3	1.0	Nil

SEMESTER 5

Course Code	Category	COURSE TITLE	L	T	P	C	Version on	Course Prerequisite
CA 3501	PC	PHP and MYSQL Programming	3	0	0	3	1.0	Nil
EE 3503	PC	Mobile Technology	3	0	0	3	1.0	Nil
CA3543	PC	MYSQL and PHP Programming Lab	0	0	2	1	1.0	Nil
EE3547	PC	Lab on Mobile Technology	0	0	2	1	1.0	Nil
CA3570	FW	Internship Presentation	0	0	2	1	1.0	Nil
VP3501	VAP	Value Added Program V	0	0	2	2	1.0	Nil
GP3501	GP	General Proficiency	0	0	0	1		
			6	0	8	12		




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SEMESTER 6

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
CA3601	PC	Intelligent Data Analytics	4	0	0	4	1.0	Nil
CA3640	PC	Project	10	0	0	10	1.0	Nil
CA3641	PC	Seminar	0	0	3	2	1.0	Nil
			14	0	3	16		

BCA-MAWT Specialization

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
CA3608	FC	Application Testing	3	0	2	4	1	Nil
	PE	Program Elective II	3	0	0	3	1	Nil
	PE	Program Elective II Lab	0	0	2	1	1	Nil
		TOTAL	20	0	7	24		

Contact Hrs: 27

BCA-Normal

Course Code	Category	COURSE TITLE	L	T	P	C	Version	Course Prerequisite
MA3603	FC	Mathematics	3	0	0	3	1.0	Nil
	PE	Program Elective III	3	0	0	3	1.0	Nil
	PE	Program Elective IV	3	0	0	3	1.0	Nil
		TOTAL	23	0	3	25		

Contact Hrs: 26




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