

BNM Institute of Technology

An Autonomous Institution under VTU

For Internal Communication

Department of Computer Science & Engineering

III SEMESTER

Scheme of Teaching for 2022-26 Batch

Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week				Hours Per week	Credits	Examination		
					Theory Lecture	Tutorial	Practical	Project			CIA	SEA	Total
					L	T	P	J					
1	BSC	22MAT131	Fourier Transforms, Fundamentals of Logic and Linear Algebra	Mathematics	2	2	-	-	4	3	50	50	100
2	PCC	22CSE132	Computer Organization	CSE	3	-	-	-	3	3	50	50	100
3	PCC	22CSE133	Operating System	CSE	2	1	1	-	4	3	50	50	100
4	PCI	22CSE134	Data Structures and Applications	CSE	3	-	2	-	5	4	50	50	100
5	PCI	22CSE135	Logic Design and applications	CSE	3	-	2	-	5	4	50	50	100
6	PBL	22CSE136	Object Oriented Programming using Java	CSE	-	-	2	2	4	2	50	50	100
7	IPL	22CSE137	Innovative Project Lab [IPL] (Social Concern)	CSE	-	-	2	-	2	1	100		100
8	AEC	22SFT138	Soft Skill -1	HSS	-	-	2	-	2	1	100		100
TOTAL					13	3	11	2	29	21	500	300	800

CIE: Continuous Internal Evaluation, SEE: Semester End Examination, NCMC: Non Credit Mandatory Course

AICTE Activity Points to be earned by students admitted to BE day college programme (For more details refer to Chapter 6, AICTE Activity Point Programme, Model Internship Guidelines): Over and above the academic grades, every Day College regular student admitted to the 4 years Degree programme and every student entering 4 years Degree programme through lateral entry, shall earn 100 and 75 Activity Points respectively for the award of degree through AICTE Activity Point Programme. Students transferred from other institutions and Universities to the fifth semester are required to earn 50 Activity Points from the year of entry to BNMIT. The Activity Points earned shall be reflected on the student's eighth semester Grade Card. The activities can be spread over the years, anytime during the semester weekends and holidays, as per the liking and convenience of the student from the year of entry to the programme. However, the minimum hours' requirement should be fulfilled. Activity Points (non-credit) do not affect SGPA/CGPA and shall not be considered for vertical progression. In case students fail to earn the prescribed activity Points, Eighth semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of the degree only after the release of the Eighth semester Grade Card.

BSC-->Basic Science	MAT-->Mathematics	PCC--> Professional Core course	PCCI--> Professional Core Integrated
PBL--> Project based learning	HUM--> Humanity and Social Science	UHV--> Universal Human Values	AEC--> Ability Enhancement course
PW--> Project Work	PEC--> Professional Elective	INT--> Internship	PEC--> Professional Elective
OEC-->Open Elective			

B.N.M. Institute of Technology

An Autonomous Institution under VTU

For Internal Communication

Department of Computer Science & Engineering

IV SEMESTER

Scheme of Teaching for 2022-26 Batch

Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week				Hours Per week	Credits	Examination		
					Theory Lecture	Tutorial	Practical	Project			CIA	SEA	Total
					L	T	P	J					
1	BSC	22MAT141	Statistics, Probability and Graph Theory	Mathematics	2	2	-	-	4	3	50	50	100
2	PCC	22CSE142	Microcontroller and Embedded Systems	CSE	2	1	1	-	4	3	50	50	100
3	PCI	22CSE143	Database Management System	CSE	3	-	1	1	5	4	50	50	100
4	PCI	22CSE144	Design and Analysis of Algorithms	CSE	3	-	2	-	5	4	50	50	100
5	PBL	22CSE145	Python Programming and applications	CSE	-	-	2	2	4	2	50	50	100
6	PBL	22CSE146	Web Technologies and its Application	CSE	-	-	2	2	4	2	50	50	100
7	HSS	22CIP147	Constitution of India and professional Ethics[CIPE]	HSS	-	2	-	-	2	1	100		100
8	AEC	22SFT148	Soft Skill-2	HSS	-	2	-	-	2	1	100		100
9	INT	22CSE149	Internship-1/IPL	CSE	-	-	2	2	4	2	100	-	100
TOTAL					10	7	10	7	34	22	600	300	900

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Internship: All the students registered to III year of BE shall have to undergo mandatory internship of 4 weeks during II semester or III semester vacation. Semester End Assessment will be conducted in IV semester and the prescribed credit will be included. Internship shall be considered as a head of passing and shall be considered for the award of degree.