



SABARMATI UNIVERSITY

**School of Vocational Studies Syllabus
& Course Structure**

Of

**Bachelor of Vocational Studies-
Information Technology**

(BVO-ITS)

SEMESTER I (NSFQ LEVEL-4)

Subject Code	Subject Name	Credit	Course Category		Examination Scheme		
			General Education	Skill	Internal Assessment	External Assessment	Total
BVO ITS 101	Communication skill	2		--	30	70	100
BVO ITS 102	Environmental Studies	2		--	30	70	100
BVO ITS 103	Fundamentals of Computer and Internet Technologies	2		--	30	70	100
BVO ITS 104	Programming in C	3		--	30	70	100
BVO ITS 105	Basics of Networking	3		--	30	70	100
BVO ITS 991	Industrial Training*	18	--				750
	Total	30			150	350	1250

Industrial Training (750 Marks)	
Project Report	250 Marks
Day to Day Work Report (Diary)	200 Marks
Practical (On site)	200 Marks
Viva-Voce (Conduct by University)	100 Marks

Course Category	Proportion	Credits	Total Lecture (In Hours)
General Education Components	40%	12	180 Hrs
Skill Components	60%	18	540 Hrs

Industrial Training-I:

The students are advised to undergo 540 Hrs (10-12 weeks) training in-house / Industry / Skill Knowledge Provider (SKP) / Sector Skill Council (SSC) and should submit training certificate for evaluation during the same semester.

SEMESTER II (NSFQ LEVEL-5)

Subject Code	Subject Name	Credit	Course Category		Examination Scheme		
			General Education	Skill	Internal Assessment	External Assessment	Total
BVO ITS 201	Personality Development-I	2		--	30	70	100
BVO ITS 202	Disaster Management	2		--	30	70	100
BVO ITS 203	Object Oriented Programming in C++	2		--	30	70	100
BVO ITS 204	Database Management System	3		--	30	70	100
BVO ITS 205	Operating System	3		--	30	70	100
BVO ITS 992	Industrial Training*	18	--				750
	Total	30			150	350	1250

Industrial Training (750 Marks)	
Project Report	250 Marks
Day to Day Work Report (Diary)	200 Marks
Practical (On site)	200 Marks
Viva-Voce (Conduct by University)	100 Marks

Course Category	Proportion	Credits	Total Lecture (In Hours)
General Education Components	40%	12	180 Hrs
Skill Components	60%	18	540 Hrs

Industrial Training-II:

The students are advised to undergo 540 Hrs (10-12 weeks) training in-house / Industry / Skill Knowledge Provider (SKP) / Sector Skill Council (SSC) and should submit training certificate for evaluation during the same semester.

SEMESTER III (NSFQ LEVEL-6)

Subject Code	Subject Name	Credit	Course Category		Examination Scheme		
			General Education	Skill	Internal Assessment	External Assessment	Total
BVO ITS 301	Personality Development-II	2		--	30	70	100
BVO ITS 302	Indian Economy	2		--	30	70	100
BVO ITS 303	Data Structure	2			30	70	100
BVO ITS 304	OOPS with Java	3		--	30	70	100
BVO ITS 305	Core Python Programming	3		--	30	70	100
BVO ITS 993	Industrial Training*	18	--				750
	Total	30			150	350	1250

Industrial Training (750 Marks)	
Project Report	250 Marks
Day to Day Work Report (Diary)	200 Marks
Practical (On site)	200 Marks
Viva-Voce (Conduct by University)	100 Marks

Course Category	Proportion	Credits	Total Lecture (In Hours)
General Education Components	40%	12	180 Hrs
Skill Components	60%	18	540 Hrs

Industrial Training-III:

The students are advised to undergo 540 Hrs (10-12 weeks) training in-house / Industry / Skill Knowledge Provider (SKP) / Sector Skill Council (SSC) and should submit training certificate for evaluation during the same semester.

SEMESTER IV (NSFQ LEVEL-6)

Subject Code	Subject Name	Credit	Course Category		Examination Scheme		
			General Education	Skill	Internal Assessment	External Assessment	Total
BVO ITS401	Value Education and Human Rights	3		--	30	70	100
BVO ITS402	Management Information System	3		--	30	70	100
BVO ITS 403	.Net Programming	3		--	30	70	100
BVO ITS 404	Digital Marketing	3		--	30	70	100
BVO ITS994	Industrial Training*	18	--				750
	Total	30			120	280	1150

Industrial Training (750 Marks)	
Project Report	250 Marks
Day to Day Work Report (Diary)	200 Marks
Practical (On site)	200 Marks
Viva-Voce (Conduct by University)	100 Marks

Course Category	Proportion	Credits	Total Lecture (In Hours)
General Education Components	40%	12	180 Hrs
Skill Components	60%	18	540 Hrs

Industrial Training-IV:

The students are advised to undergo 540 Hrs (10-12 weeks) training in-house / Industry / Skill Knowledge Provider (SKP) / Sector Skill Council (SSC) and should submit training certificate for evaluation during the same semester.

SEMESTER V (NSFQ LEVEL-7)

Subject Code	Subject Name	Credit	Course Category		Examination Scheme		
			General Education	Skill	Internal Assessment	External Assessment	Total
BVO ITS 501	Research MethodologyI	3		--	30	70	100
BVO ITS 502	PHP Programming	3		--	30	70	100
BVO ITS 503	Software Development	3		--	30	70	100
BVO ITS 504	Web Designing	3		--	30	70	100
BVO ITS 995	Industrial Training	18	--				750
	Total	30			120	280	1150

Industrial Training (750 Marks)	
Project Report	250 Marks
Day to Day Work Report (Diary)	200 Marks
Practical (On site)	200 Marks
Viva-Voce (Conduct by University)	100 Marks

Course Category	Proportion	Credits	Total Lecture (In Hours)
General Education Components	40%	11	180 Hrs
Skill Components	60%	18	540 Hrs

Industrial Training-V:

The students are advised to undergo 540 Hrs (10-12 weeks) training in-house / Industry / Skill Knowledge Provider (SKP) / Sector Skill Council (SSC) and should submit training certificate for evaluation during the same semester.

SEMESTER VI (NSFQ LEVEL-7)

Subject Code	Subject Name	Credit	Course Category		Examination Scheme		
			(Contact Hours)		Internal Assessment	External Assessment	Total
			General Education	Skill			
BVO ITS 601	Research Methodology-II	3		--	30	70	100
BVO ITS 602	Advanced Python	3		--	30	70	100
BVO ITS 603	Internet of Things	3		--	30	70	100
BVO ITS 604	Cloud Computing	3		--	30	70	100
BVO ITS 996	Industrial Training*	18	-				750
	Total	30			120	280	1150

Industrial Training (750 Marks)	
Project Report	250 Marks
Day to Day Work Report (Diary)	200 Marks
Practical (On site)	200 Marks
Viva-Voce (Conduct by University)	100 Marks

Course Category	Proportion	Credits	(In Hours)
General Education Components	40%	12	180 Hrs
Skill Components	60%	18	540 Hrs

Industrial Training-VI:

The students are advised to undergo 540 Hrs (10-12 weeks) training in-house / Industry / Skill Knowledge Provider (SKP) / Sector Skill Council (SSC) and should submit training certificate for evaluation during the same semester.