Tilak Maharashtra Vidyapeeth
BCA Course Structure
With Choice based credit system

SEMESTER-I

Course Code	Course Name	Category of Subject	Credits
BCA- 141	Computer Fundamentals	Core	4
BCA- 142	Mathematics & Statistics	Core	3
BCA- 143 BCA- 144 BCA-148	Basic English **OR** Japanese **OR** Sanskrit	Choice Based	2
BCA- 145	C Programming	Core	4
BCA- 146	Network Fundaments	Core	4
BCA- 147	Practical- C Programming	Complementary	3
		Total Credits	**20**

SEMESTER-II

Course Code	Course Name	Category of Subject	Credits
BCA- 241	Communication skills	Complementary	3
BCA- 242	Advanced Web Designing(HTML,Javascript,ASP)	Core	4
BCA- 243	Structured System Analysis and Design	Core	4
BCA- 244 BCA - 245 BCA - 246	Principles and Practice of Management (PPM- 1) / **OR** Cyber Security Level – I **OR** PC Maintenance	Choice Based	**2**
BCA - 247	Operating System	Core	4
BCA- 248	Practical-Adv.Web Programming	Complementary	3
		Total Credits	**20**

SEMESTER-III

Course Code	Course Name	Category of Subject	Credits
BCA- 341	C++	Core	4
BCA- 342	Database Management System(DBMS)	Core	4
BCA- 343	VB.net	Core	4
BCA- 344 BCA – 345	E-Commerce **OR** Soft Skills	Choice Based	**2**
BCA- 346	Practical-VB.Net	Complementary	3
BCA- 347	Practical-C++	Complementary	3
		Total Credits	**20**

SEMESTER-IV

Course Code	Course Name	Category of Subject	Credits
BCA- 441	Java	Core	4
BCA - 442	Business Applications **OR**	Choice Based	**2**
BCA- 443	Cyber Security II **OR**		
BCA- 444	Tally		
BCA- 445	Oracle	Core	4
BCA- 446	Environmental Science	Core	4
BCA- 447	Practical-Java	Complementary	3
BCA- 448	Practical-Oracle	Complementary	3
		Total Credits	**20**

SEMESTER-V

Course Code	Course Name	Category of Subject	Credits
BCA- 541	ASP.Net (C#)	Core	4
BCA - 542	Linux	Core	4
BCA- 543	SQT	Core	4
BCA- 544	Principles & Practice of Management (PPM-II) **OR**	Choice Based	**2**
BCA- 545	Cyber Security III **OR**		
BCA - 546	English (Advance)		
BCA- 547	Practical-ASP.Net	Complementary	3
BCA- 548	Practical-Linux	Complementary	3
		Total Credits	**20**

SEMESTER-VI

Course Code	Course Name	Category of Subject	Credits
BCA- 641	UML	Core	3
BCA- 642	CTIT (Current trends in IT)	Core	4
BCA- 643	ERP	Complementary	2
BCA - 644	Organizational Behavior **OR**	Choice Based	**2**
BCA – 645	Yoga		
BCA- 646	Cloud Technology	Core	3
BCA- 647	Project	Core	6
		Total Credits	**20**
		Total Credits of the course	**120**