Tilak Maharashtra Vidyapeeth
Department of Computer Science
BCA course structure 2018-19

Subject Code	Subject List	Core/Comp	Credits	Semester
BCA-140-18	Computer Fundamentals Networking	Core	4	
BCA-141-18	C Programming	Core	4	
BCA-142-18	Mathematics	Core	4	
BCA-143-18 OR BCA-144-18 OR BCA-145-18	English OR Japanese OR Sanskrit	Choice Based	2	
BCA-146-18	Operating System	Core	3	
BCA-147-18	Lab- C- Programming	Complementary	3	First
BCA-240-18	Statistics	Core	4	
BCA-241-18	Communication Skills	Complementary	3	
BCA-242-18	OO Programming using C++	Core	4	
BCA-243-18	SSAD	Core	4	
BCA-244-18 OR BCA-245-18 OR BCA-246-18	Principles & practice of Management-I OR Cyber Security -I OR PC Maintenance	Choice Based	2	
BCA-247-18	Lab- OO Programming Using C++	Complementary	3	Second
BCA-340-18	Advanced Web Designing	Core	4	
BCA-341-18	Database Management System (DBMS)	Core	4	
BCA-342-18 OR BCA-343-18	E-Commerce OR Soft Skill	Choice Based	2	
BCA-344-18	ERP	Core	3	
BCA-345-18	Software Testing & Quality Assurance	Core	4	
BCA-346-18	Lab-AWD	Complementary	3	Third
BCA-440-18	Java	Core	4	
BCA-441-18 OR BCA-443-18	PPM-II OR Tally	Choice Based	2	
BCA-444-18	Advanced Database Management System	Core	4	
BCA-445-18	Environmental Studies	Core	4	
BCA-446-18	Lab-Java	Complementary	3	
BCA-447-18	Lab- Advanced Database	Complementary	3	Fourth
BCA-540-18 OR BCA-541-18	ASP.Net OR **Python**	Core	4	
BCA-542-18	Linux	Core	4	
BCA-543-18 OR BCA-544-18 OR BCA-545-18	Business Applications OR Cyber Security III OR English (Advance)	Choice Based	2	
BCA-546-18	UML	Core	4	

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BCA-547-18 OR BCA-548-18	Lab-Asp.Net OR **Lab-Python**	Complementary	3	
BCA-549-18	Lab-Linux	Complementary	3	Fifth
BCA-640-18	Cloud Computing	Core	4	
BCA-641-18 OR BCA-642-18	**Advance Java** OR Android	Core	4	
BCA-643-18 OR BCA-644-18	OB OR Yoga	Choice Based	2	
BCA-645-18 OR BCA-646-18	**Lab- Advance Java** **OR** **Lab- Android**	Complementary	3	
BCA-647-18	Lab-Cloud Computing	Complementary	3	
BCA-648-18	Project	Core	4	Sixth