



Affiliated to Bangalore University & Recognised by Govt. of Karnataka  
 Eligibility: A pass in PUC / 12th grade /A' level/ +2/ISC  
 Duration: 6 Semesters / 3 Years

## Career Scope

Information Technology(IT) is one of the fastest growing industries in the world. With information gaining immensely in value, technology is a prerequisite to making it usable. With more and more organisations adopting technology by the day. IT is an industry that is showing great prospects for a long time to come.IT Courses in Teachers' Academy provide you with the right skills and exposure to leverage the opportunity that the industry throws open to you.

## Bachelor of Computer Applications (BCA)

First Semester		Second Semester	
BCA101	Indian Language or Optional English	BCA201	Indian Language or Optional English
BCA102	English	BCA202	English
BCA103	Computer Fundamentals	BCA203	Mathematics
BCA104	Electronics	BCA204	OOPS Using C++
BCA105	Programming Concepts - Using C	BCA205	Data Base Management Systems
BCA104P	Practicals in Electronics	BCA204P	Practicals in C++
BCA104P	Practicals in C- Programming	BCA205P	Practicals in DBMS
Third Semester		Fourth Semester	
BCA301	Indian Language or Optional English	BCA401	Indian Language or Optional English
BCA302	English	BCA402	English
BCA303	Indian Constitution	BCA403	Environmental Studies
BCA304	Operating Systems	BCA404	Data Communications and Networks
BCA305	Data Structures Using C	BCA405	Visual Programming
BCA306	Numerical Analysis & Linear Progmn.	BCA406	Unix Programming
BCA305P	Data Structures using C Lab	BCA405P	Visual Programming Lab
BCA306P	Numerical Analysis & Linear Progmn. Lab	BCA406P	Unix Programming Lab
Fifth Semester		Sixth Semester	
BCA501	Software Engineering	BCA601	Design & Analysis of Algorithms
BCA502	Computer Architecture	BCA602	System Programming
BCA503	Banking and Insurance	BCA603	Computer Graphics
BCA504	Java Programming	BCA604	Web Programming
BCA505	Project	BCA605	Project
BCA504P	Java Programming Lab	BCA604P	Web Programming
BCA505P	Project	BCA605P	Project
BCA506P	Soft Skills & Personality Devlopt. Lab		

## Career Opportunities

- Systems Manager
- Internet Expert
- Web designing Specialist
- Application Programmer
- System Programmer
- System Analyst
- Database Administrator
- Network Administrator
- Project Manager
- Hardware Engineer
- Journalist
- Reporter
- Editor
- Copy Writer
- Script Writer
- PR Executive
- Client Relationship Manager