



## BACHELOR IN COMPUTER APPLICATION (BCA)

**Admission Qualification:** Admission is open to those candidates who have successfully completed their 10+2 in any discipline or its equivalent or a 3 year Polytechnic Diploma from State Technical Board after 10<sup>th</sup> Standard.

**Program Duration:**

Minimum Duration – 3 years

Maximum Duration – 6 years

**Lateral Entry to Second Semester BCA**

Admission is open to those candidates who have successfully completed their 10+2 in any discipline or its equivalent or a 3 year Polytechnic Diploma from State Technical Board after 10<sup>th</sup> Standard.

**AND**

The candidate has successfully completed 6 months IT Course from a recognised institute or has a one year of IT experience.

**Lateral Entry to Third Semester BCA**

The candidate who have successfully completed a 3 year Polytechnic Diploma in CS/IT from State Technical Board after 10<sup>th</sup> Standard.

**OR**

Admission is open to those candidates who have successfully completed their 10+2 in any discipline and the candidate has successfully completed two semesters of DCA from TCIL –IT/DIT/DCA from Cal-C after 10+2 or has done one year certificate / diploma from a reputed / recognised institute or has two years of IT experience.

**Exit scheme of BCA**

After successful completion of first semester of BCA, the candidate shall be eligible to obtain a **Bachelor In Computer Application**.

After successful completion of first two semesters of BCA, the candidate shall be eligible to obtain a **Bachelor In Computer Application**.

**Note:** The student who will opt for lateral exit will not be able to continue this programme.



# PROGRAM STRUCTURE

Subject Code	Subject	Credits	Subject Code	Subject	Credits
<b>1st Semester</b>			<b>2nd Semester</b>		
BCA11	Computer Fundamentals and Windows based Applications	4	BCA21	Mathematics	4
BCA12	English-I	4	BCA22	Computer Organization and Architecture	2
BCA13	Programming in C	2	BCA23	DBMS	4
BCA14	Data Structure	2	BCA24	OOPS with C++	2
BCA15	Constitution of India and Ethics	2	BCA25	Communicative English	2
BCA-L1	C Programming Lab & Windows based Application Lab	4	BCA26	Environment Studies	2
			BCA-L2	C++ Lab & Data Structure Lab	4
<b>Total Credits</b>		<b>18</b>	<b>Total Credits</b>		<b>20</b>
<b>3rd Semester</b>			<b>4th Semester</b>		
BCA31	Data Communication	3	BCA41	Software Engineering	4
BCA32	Operating Systems	2	BCA42	Java Programming	2
BCA33	Computer Graphics	2	BCA43	RDBMS	2
BCA34	Client Server Architecture	3	BCA44	Unix and Shell Programming	4
BCA-L3	Graphics Lab & DBMS Lab	4	BCA-L4	Java Lab & Unix Lab	4
<b>Total Credits</b>		<b>14</b>	<b>Total Credits</b>		<b>16</b>
<b>5th Semester</b>			<b>6th Semester</b>		
BCA51	Algorithm and Analysis	4	BCA61	MIS and Enterprise Resource Planning (ERP)	4
BCA52	Internet Programming	2	BCA62	Computer Network and Security	2
BCA53	Application Programming	4	BCA63	Project: System Side or Application side	6
BCA54	System Programming	2	BCA-L6	ADA Lab & System Programming Lab	6
BCA-L5	Web Designing/Internet Lab & Application Programming Lab	2			
<b>Total Credits</b>		<b>16</b>	<b>Total Credits</b>		<b>18</b>

## Semester wise Fee Structure

Program / Tuition Fees	: Rs. 8000/-
Examination Fees	: Rs. 1200/-
Registration Fees (At the time of admission only )	: Rs. 500/-
<b>Total Fees: First Time Registration (Without Late/Penal Fees)</b>	<b>: Rs. 9700/-</b>
<b>Subsequent Registrations (Without Late/Penal Fees)</b>	<b>: Rs. 9200/-</b>