

KNOWLEDGE. UNDERSTANDING. VALUES.



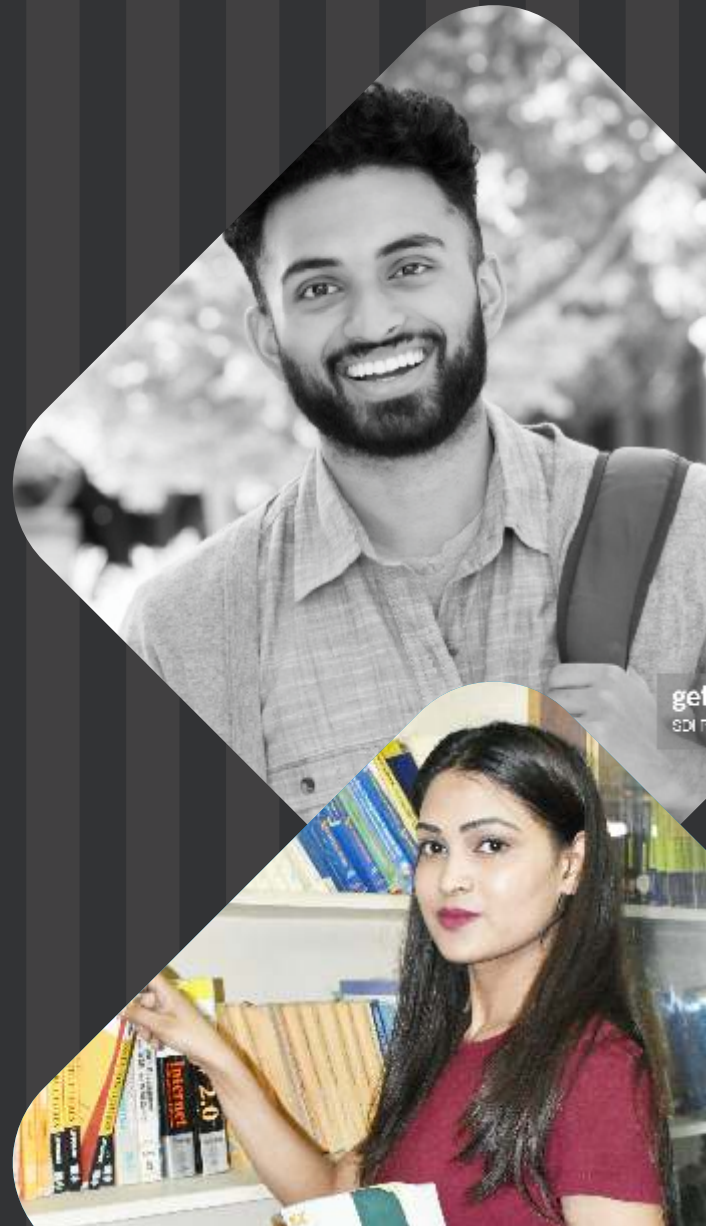
**BCA** : 3 YEARS FULL TIME DEGREE COURSE

about  
**TCTE**

## Welcome

for more than 18 years TCTE SOCIETY has been helping talented students in achieving their dreams and making the most of their abilities. It is pioneered by the honest efforts of young, energetic and well qualified team of professionals. The primary objective of Tirupati College is the preservation, advancement and dissemination of knowledge and ultimately helping students in achieving their goals and successful careers. As one of the state's outstanding teaching and research institutions, the college is committed in maintaining an environment for objectivity and imaginative inquiry and research that ensure the production of new knowledge in the free exchange of facts, theories and ideas.

Tirupati College challenges everyone to achieve their best out of their potential and provides the support to ensure that every students of our, realize that goals. Studying at Tirupati College is a great opportunity to discover where your talents lie and the variety of activities that Tirupati College is unrivaled.





about  
**BCA**

Bachelor of Computer Application (BCA)  
3 years full-time degree course

**B**CA stands for Bachelor of Computer Application and it is a 3 years under graduating professional degree course in computer applications. BCA Course is considered as a course equivalent to B.E. or B.Tech in Computer Science.

Today as we see the rapid growth of IT industry worldwide. This rapid growth has created a lot of opportunities for the computer graduates. This course provides a sound academic base to students to help them pursue advanced career in the sector of information technology. It is an ideal course for

the students who want to make career in computer science and its related fields.

the IT Industry is growing rapidly and with this, the demand for BCA graduates, too, is increasing every passing day. After obtaining a BCA degree, students can find many job opportunities in leading IT companies such as Oracle, IBM, Infosys, TCS, Wipro etc. Some of the roles after completing a BCA programme is that of a system engineer, software tester, junior programmer, web developer, system administrator, software developer etc.

## ACADEMIC AFTER BCA



- MCA
- MBA
- MIM
- SET/NET
- PH.D.
- GATE (M.TECH)



## EMPLOYMENT AREA AND CAREER POTENTIAL



### GOVERNMENT

- IT Officer
- Information Analyst
- Programmer
- System Analyst
- Computer Teacher
- Data Operator
- Computer Operator

### PRIVATE

- Data Entry
- Software Tester
- Software Engineer
- Research Analyst
- Database Manager
- Database Administrator
- Graduate Engineer
- Software Developer
- Web Designer
- Graphic Designer
- System Administrator
- Network Administrator
- Tester Analyst
- Business Analyst
- Ethical Hacker
- Web Developer
- Android Developer
- IOS Developer

# why TCTE

**Excelling at Research:** We strive for excellence in research and innovation. We've also come up with a panel of part-time Distinguished Research Professors and Entrepreneurs whose Knowledge is shared with Management Folks at IPS. They concentrate on mentoring and promoting research of international significance and on deepening international Knowledge by ties with Prestigious institutions.

**Excelling at Teaching:** Our world-class researchers and Entrepreneurs are also superb teachers, skilled at using a variety of teaching methods to engage and instruct. We also employ Professors of Practice, people who combine academic expertise with substantial business experience to aid the practical learning in the classroom.

**Excelling in producing the most valuable Graduates:** The bright students we recruit for the management program, turns into fantastic graduates, with a thirst for learning and a rounded approach to life and work. With academic theory and practical skills, they hit the ground running in any company.

**Excelling in On-the-Job Training:** Our Students come up as a Prodigious Management Folk after graduation with our unique On-the-Job Training Methodology which they undergo during the period of graduation with top corporate and multinationals.



## MORE TO KNOW

- Seminars/Conferences/Workshops
- Training, Exposure, and Internships
- Test Series
- Corporate Lectures and Leadership Camps
- National and International /Industrial Visits
- Career Guidance by Expert Trainer
- AC Classrooms with Projectors
- Annual Management Festivals



## Fee Structure of BCA

For enrolling in our BCA Program an aspirant should have passed 10+2 in any stream (Arts/Commerce/ Science-Bio/Science -Math) with Hindi or English Medium with minimum 48% (Minimum passing marks for ST/SC/OBC/SBC Candidate).

<b>Application Form Fee</b> (at the time of admission for 3 years of studies)	▶ INR 1000/-
<b>Registration Fee</b> (Including a Bag, College Uniform Unstitched, Books Test Notebook, Notes Set, I-Card etc.)	▶ INR 5000/-
<b>Tuition Fee</b>	▶ INR 45000/- Per Year
<b>1st Installment</b> (At the time of Admission)	▶ INR 15000/-
<b>2nd Installment</b> (Before 10 September)	▶ INR 15000/-
<b>3rd Installment</b> (Before 20 October)	▶ INR 15000/-

\*Terms & Conditions Apply

# S Y L L A B U S

## Syllabus BCA 1st Year

### Subjects

1. Elementary Physics
2. Basic Mathematics
3. General English
4. Principal of Programming Languages
5. Computer Organization
6. Office Management Tools

### Practical

1. Technical Writing & Communication Skills
2. C-Lab
3. Office Lab
4. Typing Skills

### STPT

- Effective Speaking & Analytical Skill Program
- Training of Office Management (Cr.)
- Programming in C Language (Cr.)
- Presentation Skills Programs

### Workshop / Seminar

- Emerging Technologies in IT
- Digital Marketing
- Personality Development
- Cloud Computing

## Syllabus BCA 2nd Year

### Subjects

1. Business Accounting
2. Discrete Mathematics
3. Operating System
4. Database Management System
5. Web Designing and Multimedia
6. Object Oriented Concept Through C++

### Practical

1. Database Lab.
2. Object Oriented Lab.
3. Web Design Lab.
4. Multimedia Lab.

### STPT

- Programming in C++(Cr.)
- Graphic Designing
- Web Designing
- Digital Marketing (Cr.)
- Oracle (Basic)
- Industrial Visit

### Workshop / Seminar

- Big Data
- Cyber Security
- IOS/Andoird Development
- IOT

## Syllabus BCA 3rd Year

### Subjects

1. Data Structure
2. System Design Concept
3. Network Technologies
4. Core Java Programming
5. E-Commerce
6. Elective(ASP, NET, PHP, Linux & Shell Prog.)

### Practical

1. Network Lab.
2. Core Java Lab.
3. Elective Lab.
4. Project

### STPT

- Web Development in PHP (Cr.)
- Programming in Core JAVA (Cr.)
- Networking & Hardware Technologies (Cr.)
- Live Project
- Interview sessions

### Workshop / Seminar

- Artificial Intelligence
- Machine Learning
- Paython
- Block Chain

# TIRUPATI GROUP OF COLLEGES



KNOWLEDGE. UNDERSTANDING. VALUES

## **College Campus**

Sector 26, Pratap Nagar, Sanganer, Near NRI Colony, Jaipur-302033

Ph.: 0141-2796659

8, Sector-28, Dwarkapuri Circle, Opp. Dolphin School, Pratap Nagar, Sanganer, Jaipur-302033

Ph.: 8384959592, 8560909050

## **Head Office**

M2, Mahesh colony, TonkPhatak, Jaipur-302015

Ph.: 0141-2590377

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