

RAY Integrated College (Affliiated to Bangalore North University)





UNDERGRADUATE COURSE GUIDE

FROM CHAIRPERSON'S DESK

WELCOME TO RAY INTEGRATED COLLEGE BANGALORE, INDIA

It is an enchanting and massively satisfying feeling to be among young vibrant souls, blooming to be the future stars of the generation. Education is a very powerful tool capable of changing lives and injecting bright colours to it with a fresh and lasting fragrance of smartness. India has always been a leader in diverse fields highlighted by the gift wrap of discovery, execution and ample implementation.

Our course are designed with the intention of producing an all round developed professional with high level of flexibility, adaptability and diverse set of industry specific skills. we work to make our students capable enough to smoothly bridge the gap between industry and educational institutions.

Education is not learning of facts, but training of the mind To think _ Albert Einstein.



Personally, I take every day as an opportunity to create
And build better future world
Being in the education domain, I feel thrilled to
Substantially make difference in the progress,
growth and development of the society.

We at Ray Integrated College knit the threads
Of values, knowledge and discipline to produce
a worthy piece of smart and enlightened individual.
I wish you all the very best to wholeheartedly be
a part of the society's positive change!

R. Riya

ABOUT RAY

RAY Integrated College is a new age educational organisation integrated with the modern amenities and advanced popular courses of study to benefit students at large. Our motto of "Learning is Everything" highlights our priority straight in imparting quality education to all. Being a proud subset of the "RAY Educational Trust",

we responsibly caters to both international and domestic students and groom them to be extremely well versed and fluent in technical skills and output driven application of knowledge. The college is aligned to transform lives of the future global leaders with its unique mix of intelligent impartment of knowledge and introducing the students with the demands of the global market.

We have designed an in-depth curriculum, in line with BNU's set guidelines, with focus on all important areas of the respective courses.

We have suitably incorporated proven techniques and teaching tools to make our students more apt for the future. This complemented with training from our master faculty members, tagged with the glory of being industry experts, results in presenting to the world well groomed professionals. Thus we are determined to present well polished and responsible professionals to redefine the international standard of work with conviction.

CORE VALUES

Ray College believes in imparting education along with crafting the ethical and value characteristics of the students. Our set of values is sure to enhance the overall

Student's Top Priority Objective Discovery Excellence Diversity

Mission

RAY Integrated College is stern about extending to students an equal opportunity and priority experience. Complementary support system ensures students to focus truly in their educational journey. We meticulously guide our students to successfully complete their course and bag their degree certificates with flying colours. We work to land our students in well established and promising professional organisations to ensure a kick start to their professional career. The threefold benefit of safety, accessibility and affordability of RAY Integrated College has earned the trust of a massive population of parents and students. We responsibly meet the requirements of our diverse population of scholars through impartial and student centric decision making.

Vision

RAY Integrated College is an all round educational institution perfectly fitted to open the inner insightful doors of the students. They are tooled to deal with the challenges in the worldly affairs

BANGALORE NORTH UNIVERSTY





Originally an integral part of the Bangalore University, the Bangalore North University is a true descendant of the fifty six year old educational heritage. Ornamented with dreams of excellence the University is tooled with an exhaustive list of students essential scholastic requirements.

Bangalore North University aims to reach heights in the national and international stage of education keeping integrity and values at the top priority. It is determined to be globally recognised as an impeccable institution with the tool of outstanding quality teaching and path breaking research work. It is planting seeds of honesty, hard work and polished minds to promote human society at large.

Bangalore North University

Bangalore North University is a triumph of knowledge. Placed near the NH 75 in Tamaka at Karnataka, India the University has a charm of its own. Conceived by the Karnataka Government, Bangalore North University got its existence via the Karnataka State Universities (Amendment) Act 2015. Its foundation stone got structured owing to the bifurcation of the erstwhile Bangalore University into the adept Bangalore Central University and Bangalore North University.



BACHELOR OF COMMERCE(B.COM)



BCOM

Duration: The course work is of 3 years spread equally across 6 semesters.

BNU's B.Com program is amongst the celebrated and well sorted Bachelor's program with respect to both curriculum and depth. Enrolled by a substantial pool of students the course is dynamic and extensive at the same time. Students are enlightened to get a complete understanding of the principles and practices of advanced realms of accounting.

The additional wings of the course work encompass intricacies of management, banking, marketing, auditing, secretarial practices and Company Law. Ray College is instrumental in polishing the analytical mentality of the students which in turn fuels them to be proficient decision makers in the worldly stage of commercial INDIAN LANGUAGE

ENGLISH

FINANCIAL ACCOUNTING

INDIAN FINANCIAL SYSTEM

MARKETING & SERVICES MANAGEMENT

A. CORPORATE ADMINISTRATION OR B. METHODS AND TECHNIQUES FOR BUSINESS DECISIONS

FOUNDATION COURSE

CC & EC

INDIAN LANGUAGE

ENGLISH

ADVANCED FINANCIAL ACCOUNTING

RETAIL MANAGEMENT

BANKING LAW & OPERATIONS

QUANTITATIVE ANALYSIS FOR BUSINESS

DECISIONS-1

FOUNDATION COURSE

CC & EC

INDIAN LANGUAGE

≡ ENGLISH

CORPORATE ACCOUNTING FINANCIAL MANAGEMENT

BUSINESS ETHICS

QUANTITATIVE ANALYSIS FOR BUSINESS

DECISIONS-2

PUBLIC RELATIONS AND CORPORATE

COMMUNICATION

SKILL DEVELOPMENT COURSE

CC & EC

INDIAN LANGUAGE

≥ ENGLISH

□ ADVANCED CORPORATE ACCOUNTING

COST ACCOUNTING
E-BUSINESS AND ACCOUNTING

STOCK & COMMODITY MARKETS

PRINCIPLES OF EVENT MANAGEMENT

FOUNDATION COURSE

CC & EC

ENTREPRENEURSHIP DEVELOPMENT

> INTERNATIONAL FINANCIAL REPORTING

STANDARDS
INCOME TAX-1
COSTING METHODS

ELECTIVE PAPER-1

ELECTIVE PAPER-2

SKILL DEVELOPMENT COURSE

BUSINESS REGULATIONS

PRINCIPLES AND PRACTICE OF AUDITING

INCOME TAX-II

MANAGEMENT ACCOUNTING

ELECTIVE PAPER-1

ELECTIVE PAPER-II

SKILL DEVELOPMENT COURSE

BACHELOR OF BUSINESS ADMINISTRATION (BBA)



BBA

Duration: The course work is of 3 years spread equally across 6 semesters.

The dynamic and widely applicable BBA program is designed to nourish and polish the business potential of a student. Several doors of future commercial and research endeavour namely upfront business or academics gets unlocked once a student opts for the BBA course. Affiliated under the Bangalore North University, the college has structured the course with just the right mix of elements to enrich the analytical and applicable power of the students. The realistically theoretical approach of imparting knowledge followed by the college empowers the students to ace the basic concept clearly alongside mastering the intricacies of modern management. The aim is to gift the world not just great entrepreneurs but also leaders with fluent communication skills.

INDIAN LANGUAGE

ENGLISH

FUNDAMENTALS OF ACCOUNTING
BUSINESS ORGANIZATION AND ENVIRONMENT
QUANTITATIVE METHODS FOR BUSINESS-1

MANAGEMENT PROCESS

FOUNDATION COURSE

CC & FC

INDIAN LANGUAGE

ENGLISH

FINANCIAL ACCOUNTING

QUANTITATIVE METHODS FOR BUSINESS-II

ORGANIZATIONAL BEHAVIOR

PRODUCTION AND OPERATIONS MANAGEMENT

FOUNDATION COURSE

CC & EC

INDIAN LANGUAGE

■ SOFT SKILLS FOR BUSINESS

CORPORATE ACCOUNTING
HUMAN RESOURCE MANAGEMENT
BUSIGULATIONSNESS RE

CORPORATE ENVIRONMENT

BUSINESS ETHICS

SKILL DEVELOPMENT COURSE

CC & FC

INDIAN LANGUAGE

≥ BUSINESS RESEARCH METHODS

MARKETING MANAGEMENT

FINANCIAL MANAGEMENT

SERVICES MANAGEMENT

BANKING REGULATIONS AND OPERATIONS

COST ACCOUNTING

SKILL DEVELOPMENT COURSE

CC & EC

ENTREPRENEURIAL MANAGEMENT

> COMPUTER APPLICATIONS IN BUSINESS

MANAGEMENT ACCOUNTING

₹ ELECTIVE PAPER-1

ELECTIVE PAPER-2

SKILL DEVELOPMENT COURSE

INTERNATIONAL BUSINESS

■ E-BUSINESS

STRATEGIC MANAGEMENT OR PROJECT REPORT & VIVA ELECTIVE PAPER-3

ELECTIVE PAPER-4

SKILL DEVELOPMENT COURSE

BACHELOR OF COMPUTER APPLICATIONS (BCA)



BCA

Duration: The course work is of 3 years spread equally across 6 semesters.

The Bachelor of Computer Applications is a trendy course in the present era of digitalisation. This course is designed to enlighten and train students in the ingredients of Information Technology and Science. We have carefully laid the course to skillfully develop the practical insight of software development among the students. The course curriculum is drafted in a manner so as to brighten up the students to walk smoothly in the path of programming and software designing. We crucially enlighten students on the latest enhancement in technology without compromising on the golden rules of science. We are stern about empowering students with a strong knowledge base. This lubricates their path of future industry endeavours with conviction. An all round development of the students present to the world geniuses ornamented with lucid communication and soft skills.

INDIAN LANGUAGE
ENGLISH
PROBLEM SOLVING TECHNIQUES USING C
DIGITAL ELECTRONICS
DISCRETE MATHEMATICS
C PROGRAMMING LAB
DIGITAL ELECTRONICS LAB
FOUNDATION COURSE
CC & EC

INDIAN LANGUAGE ENGLISH

DATA STRUCTURES

DATABASE MANAGEMENT SYSTEM

NUMERICAL & STATISTICAL METHODS

DATA STRUCTURES LAB

DBMS LAB

FOUNDATION COURSE

INDIAN LANGUAGE ENGLISH

CC & EC

■ OBJECT ORIENTED PROGRAMMING USING C++ FINANCIAL ACCOUNTING & MANAGEMENT OPERATING SYSTEM C++ LAB

ACCOUNTING PACKAGE LAB
FOUNDATION COURSE
CC & ECMENT COURSE
CC & EC

INDIAN LANGUAGE ENGLISH

≥ VISUAL PROGRAMMING
UNIX SHELL PROGRAMMING
OPERATION RESEARCH
VISUAL PROGRAMMING LAB
UNIX LAB
SKILL DEVELOPMENT COURS

SKILL DEVELOPMENT COURSE CC & EC

THEORY OF COMPUTATION

SYSTEM PROGRAMMING

CRYPTOGRAPHY & NETWORK SECURITY

WEB PROGRAMMING

WEB PROGRAMMING LAB

PROJECT WORK

SKILL DEVELOPMENT COURSE

DATA COMMUNICATION & NETWORKS
SOFTWARE ENGINEERING
COMPUTER ARCHITECTURE
JAVA PROGRAMMING
MICROPROCESSOR & ASSEMBLY LANGUAGE
JAVA PROGRAMMING LAB
PROJECT

SKILL DEVELOPMENT COURSE

CAREER OPPORTUNITIES FOR STUDENTS AFTER COLLEGE

Career Opportunities (BBA)

The BBA degree enriches a fresh graduate for a wide range of

job opportunities students are definite to apply their enlightenment in the industry practically and derive ample satisfaction out of the productive outcome. The college guarantees placement in various remarkable organization in a diverse job role like:

- H R Manager
- Business Analyst
- Tax Analyst
- Operation Manager
- Cost Estimator
- Project Controller
- Risk & Assurance Analyst
- Assured Internship and Industry visits for final year students



Career Opportunities (BCA)

Our graduates can fit lucidly in wide range of jobs role as listed under

- Internet Expert
- Systems Manager
- System Programmer
- Web Designing Specialists
- Cost Estimator
- Network Administrator
- System Analyst Dtatbase Administrator
- Client Relationship Manager
- Assured Internship and Industry visits for final year students



Career Opportunities (BCOM)

We are stern in making our students capable enough to make their presence in all levels of economic activities. Students are sure to find the door of prospective career opportunities widened as they graduate out. The bucket of job roles they can fit into are:

- •Manager in Trading / Manufacturing Units
- •Commercial Assistant
- •Retail Banker
- •Positions in Security Analysis and broking firm
- Auditor
- Corporate consultant
- Assured Internship and Industry visits for final year students



UPSKILLING CERTIFICATION COURSES UPSKILLING CERTIFICATION UPSKILLING for Success!

Upskilling is not just a new qualification that can be added to your Resume, but rather an opportunity to strengthen your qualities, and open doors for advancement within your organization.

Upskilling will allow you to take benefit of learning the latest industry trends and theories, which will keep you on top of your game. This can be particularly useful in industries that are growing with the outline of new technology.

With a lot happening in and around IT, and the world merging focused around a digital revolution, upskilling and re-skilling have become the most secret keys to success.

There are many gains to upskilling, here are 3 details why we think you should:

- *Achieve Credibility
- *Escalate Your Marketability
- *Keep Yourself Up-to-date
- Open House Calendar
- Citrix
- SQL Server
- Microsoft
- MCITP/MCTS
- EMC Storage
- Clustering
- IT Security
- Certified Ethical Hacking
- Cisco
- Oracle DBA

- Business
- English Training
- IELTS
 Training
- Training
- Complete Business Accountant
- Integrated Business Accountant
- Certified Financial Planner
- Sun Solaries

- •CCNA/CCNP/CCIE
- VOIP and Telephony
- VM Ware
- Cloud Computing
- Virtualisation



INTERNSHIP & PLACEMENT

RAY Integrated College provides various Industry related courses to make student job ready right after their bachelor degree

SELF-ASSESSMENT

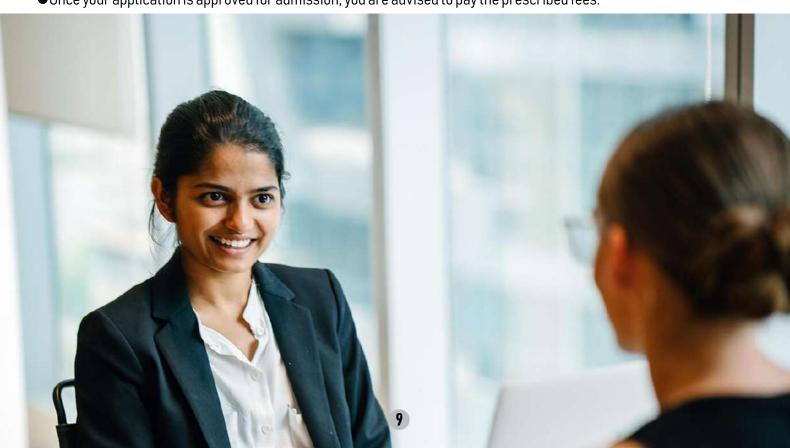
Self-assessment is indeed an essential activity to improve one's job application and interview performance. When it comes to job hunting, it is vital that you identify your skills and formulate these skills to prospective employers. Some of the important aspects to look for are:

- Confidence
- · Self-awareness
- Responsibility
- Communication skills
- Teamwork

Once a student understands and develops proficiency in these areas, he / she is ready to attend job interviews. Our placement coordinator will guide each student to identify their skills, improving his / her confidence and self-awareness and prepare him / her to present themselves appropriately during the recruitment process and help them secure the right job he / she is looking for.

ADMISSION PROCEDURE

- Get the application form from RAY Campus or from authorized representatives or Download the RAY application form from www.raycollege.ac.in
- Fill-up the application form completely
- Attach attested photo copies of Marks Cards for UG Courses 10th and 12th
- •Send the application along with the DD to RAY by Courier/Speed post
- •Once the application is received, our admission department will check and verify your application in guideline with
- •University specification and will inform you the result In some case you may be required to produce extra documents and/or attend a personal interview.
- •Once your application is approved for admission, you are advised to pay the prescribed fees.



INFRASTRUCTURE

Computer Lab: RAY college has well furnished computer labs with modern equipped terminals and loaded with high-end software pertaining to the curriculum. The labs are fully air-conditioned with power backup facility and professionally set. The campus is Wi-Fi enabled.



IT Lab: Our students have easy access to cutting – edge IT facilities. There is always a computer available when students need to do coursework or assignments. All computers are provided with the essential applications as well as high-speed Internet.



Library: Our library is stocked with valuable journals, books, research papers and educational CDs to help students acquire knowledge in an advanced and fun filled ride.





ICT enabled Classrooms: All the classrooms are installed with projectors, CCTV cameras and teaching aids like plug-and-play projectors. The use of ICT tools such as laptop, data projector, and speaker enhances and optimises the delivery of information. ICT-enabled classrooms make the learning and teaching process interesting, creative and more inclusive.



Discussion Room: Our discussion rooms are equipped with everything necessary, state of the art and advanced equipment to provide students with the perfect environment for group discussions. Our in house infrastructure and facilities such as high speed internet connection, projectors will facilitate a smooth discussion.



Cafeteria: The college canteen is the ultimate place of relaxation and fun for the students. Exotic food items complemented with great quality and variety allows students to refresh themselves in between classes.

KEY ACADEMIC TEAM



KAVITA ARUL (LECTURER)

She has finished under graduation in journalism and optional English from Mount Carmel College, and then pursued Post graduation in English from Mysore University. Being passionate to become a Teacher, she enjoys being with students, the future leaders. She has been in this profession for 7 years and I believe in bringing up students to face the world with confidence and positiveness.



SINCHITHA GOPAL (PROFESSIONAL LANGUAGE TRAINER)

She is a BCA Graduate from Mysore University with a passion for teaching. Due to her passion for communications and teaching, she got professionally trained in Spoken English and Business Communication from a leading Institute. In the last 5 years, has worked with various startups, MNC's, entrepreneurs, Public speakers, International Students who want to learn English and trained them to become better at speaking English. Her belief in the power of language and better communication, makes her passionate about enhancing student's communication and conversations so that they can go one extra mile to achieve



K N SAI SREENIVASA (LECTURER)

He is a MCA Post-graduate from Indira Gandhi national Open University with a natural quest for Information and Technology. He got professionally trained in the most updated version of DBMS and Data Structures. In the last 16 years he has worked with various startups and MNS's. He is passionate about enhancing students with computer learning skills and software development so that they can achieve wonders in this field in the near future.



RAJITA SARMA (LECTURER)

She has earned M.Sc (Mathematics) degree from Guwahati University. It has been 21 years since she is in Teaching profession and has imparted her knowledge to hundreds of students. She has worked as Lecturer in three renowned Organizations / Institutions enhancing the numerical abilities of the students. Given her natural passion for numbers and statistics, she believes mathematic can do wonder.



A.NAGA LAKSHMI (LECTURER)

She has done M.Com from Andhra University and joined the teaching profession. While imparting the knowledge to students she found out her quest for accounts and finance and so again enrolled herself in MBA (Finance). It has been 15 long years since she is in teaching profession now and keep on developing students interest in Accounts / finance.

HIGH QUALITY LIFE IN BANGALORE

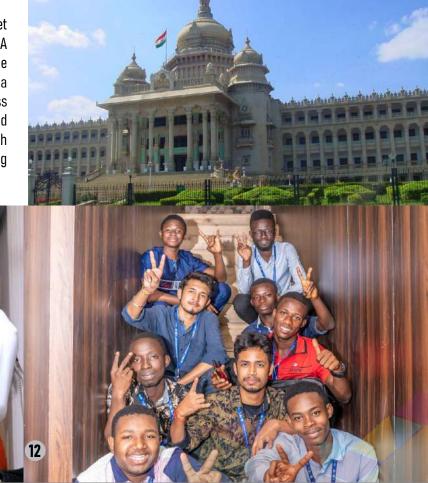
Our home city always occupies a special place in the brightest corner of our heart. The emotion behind walking the old lanes and strolling the erstwhile streets in itself is enchanting and peaceful at the same time. But life takes us through various experiences and places. Bangalore is a city that attracts millions of youth with the urge to build their careers the super duper way! Bangalore, the space city of India, is located in the Indian state of Karnataka. The capital city is full of life with extreme level of energy dominating the entire city. Although the Bangalore traffic is a famous character of the city, yet the city has many plus sure to charm you. Right from the charming whether to the fast paced life, Bangalore is a cheerful friend all ready to welcome you with the warmest hug.

Its popularity as the most dynamic city in the world is a major factor behind attracting students and professionals from all corners of the world. The progressive attitude of the city without any linguistic barrier has earned trust of a large mass of foreign nationals to make it their second home. English being a commonly spoken language in the city has helped bridge the gap between our foreign and native students conveniently.



STUDENT LIFE

We at Ray College is excited to gift students a fun filled yet intellectually fulfilling ride via our B.Com, BBA and BCA programs. We believe in presenting students with all the amenities and essentials required to enable them cultivate a complete package of learning. Guidance from world class faculty plus an elaborate library facility completes the all round educational journey of the students. We do not ignore the punch of extracurricular activities that enables an enchanting



RAY ADVANTAGES

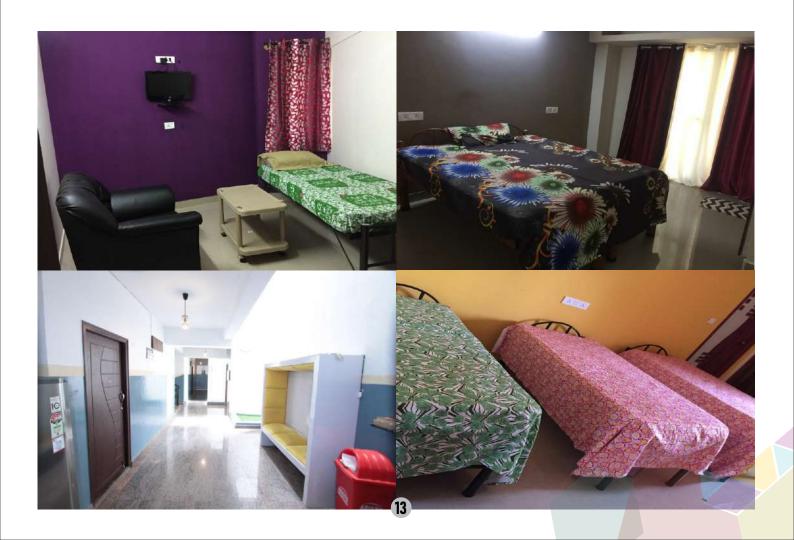
- Quality education provider
- Latest curriculum based on industry requirements
- LIVE LABS
- Certified and Industry Experience Trainers
- E Books
- On Line Lab Support
- Recognized Certificate under NSDA
- Job placement assistance * after successful completion of career courses
- Regular workshops, Guest Lecture, Personality Development training, events & other competitions for students' development.

*Conditions apply

Accommodation & Living

We have recreated the Gurukul structure of imparting education in an advanced framework. Students can comfort themselves in the well facilitated hostels with amenities comprising bed, mattress, safe drinking water, electricity supply, necessary study table and chair. The Mess provides timely breakfast, lunch and dinner with a menu to suit the taste buds of the students. Depending on the availability of the rooms students with the purchasing power can avail the hostel facility.

Average monthly accommodation charge sums up to 100 USD



WHAT OUR STUDENTS SAY



Blaise Ehoussou

I am Blaise Ehoussou Student at RAY College in Bangalore, India. I joined the Institute last year and I admit I was fascinated by the warm welcome from the staff.

At the level of the rooms, we note materials of last generations what allows an adequate arrangement for us the students and the faculty. The lessons, on the other hand, are simply fantastic. the courses are well given and the hygienic conditions are respected. Also, this school knows how to bring these students to the top because the motivation is there.

Ray Integrated college is one of the best schools I have studied in! The lectures are very friendly and they do their best to make sure every student understands a particular topic before they move to the next, there's good communication between students and staffs and when you need any assistance you can talk to them. Coming from a different country to meet new friends wasn't easy but the staff and lectures have been able to bring all of us together, thanks to Ray integrated college I have friends in most part of the world and it's the best place for students



Cornelius Dartey Manyo



Likhon Roy

Ray Integrated College-Real world Real Learning

Ray Integrated College, Bangalore is the college where we are able to develop our personality as well as knowledge and skills through different training given by the Institute. In this Institute we are not only able to get the knowledge about the subject but also about the outer world.

It's a place with full of opportunities, challenges and new thoughts. Here we learn how to face the challenges, develop leadership qualities.

My name is Jacintha Ifunanya Okeke, from Nigeria. A student of Ray integrated college, affiliated to Bangalore University, I study B.com Bachelor of commerce which happens to be a three years course. My experience with this college within my few months here has been so amazing, I must say is one the best schools that I have studied in! The instructors are so friendly, they always make sure they pay attention to you when you ask a question, they always explain it in a way you would understand, we can really learn very fast with the way they teach, I also have great classmates from different countries we do lots of speaking in class to enable us learn fast.



Jacintha Ifunanya Okeke



Victor Asamoah

Ray Integrated College is a place of learning, fun, culture, lore, literature and many such life preaching activities. Studying at Ray College has brought an added value to my life with an excellent memory to cherish for a lifetime. I have received a great support from faculties & College authorities as a whole. Ray College trains and educate students to acquire both knowledge and skills with the help of ultramodern facilities and hands on courses to help shape and prepare students for the future. The international exposure makes you a better man to face the challenges of the corporate world. I am thankful and enjoy my stay here very much.



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