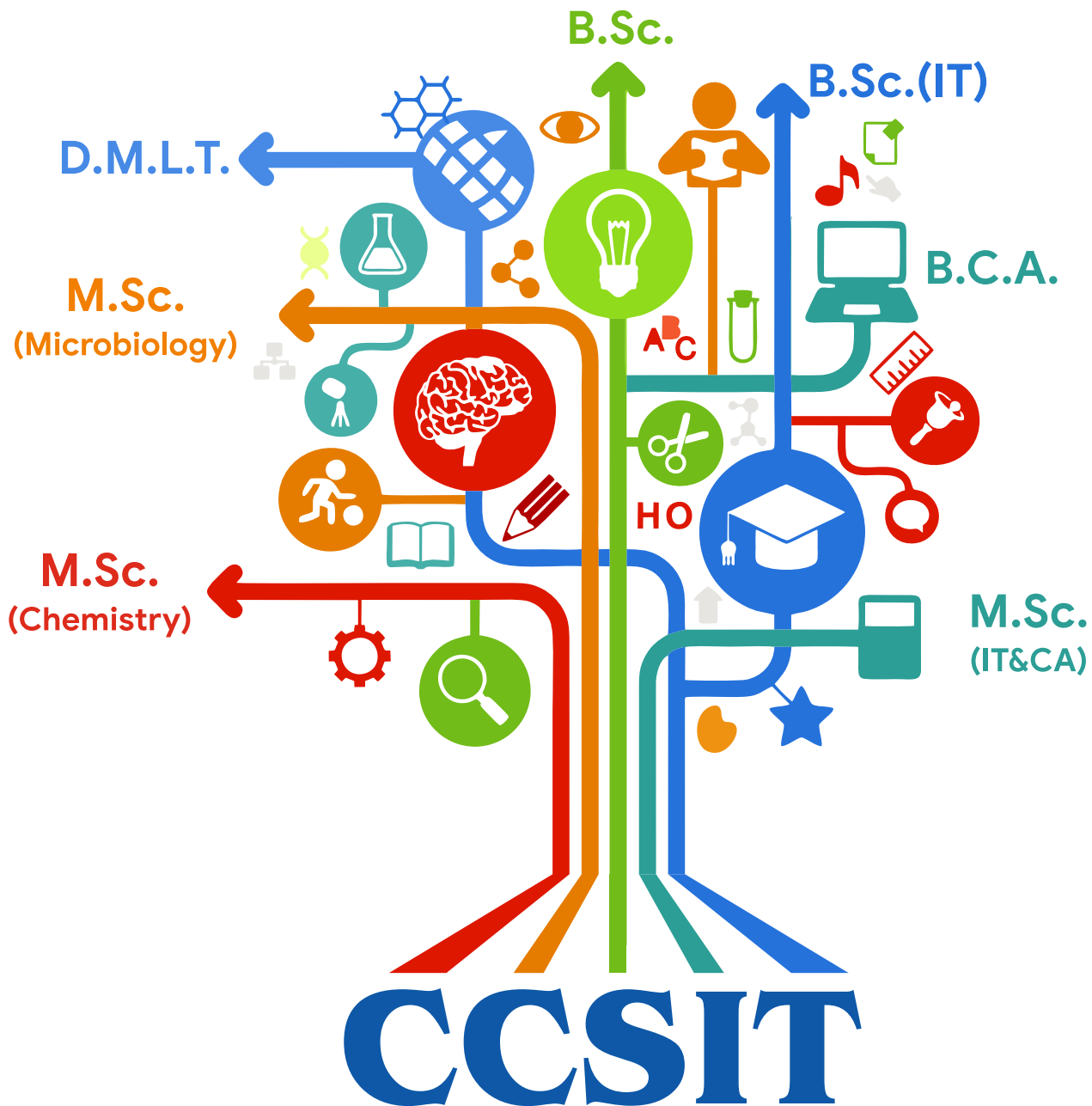


QUALITY EDUCATION SINCE 2000



Your Choice - Your Career - Your Future



**College of Computer, Science & Information Technology - Junagadh**

“Education’s purpose is to replace an empty mind with an open one”

Malcolm Forbes

# ABOUT US

**Shree Saraswati Infotech Education Trust** registered in June-1999 with vision to provide Higher Education in Science, Computer / I.T. and Paramedical courses to the students of Junagadh district and nearby areas for ease and comfort.

SIET Trust established "**College of Computer Science & Information Technology**" (CCSIT) in June 2000 affiliated to **Saurashtra University** to start Bachelor Degree, Master Degree and Post Graduation Diploma courses.

CCSIT is the First college in Junagadh district who started Various Courses of Pure Science, Microbiology, Biotechnology, Medical Lab. Technology, Computer and Information Technology with the mission to create wider spread awareness of the Scientific knowledge who are prepared to meet the challenges of rapidly changing increasingly complex world.

Now College is affiliated to Bhakta Kavi Narsinh Mehta University, Junagadh



# VISION - MISSION - VALUES

To develop a community of students, faculties and curious minds to develop and share excellent ideology that are responsive to the needs of the community in shaping the world of the future.

We aims at developing the next generation professionals by providing current and upcoming technologies in related areas and preserving knowledge with high moral values.



Discipline  
Communication  
Critical thinking  
Creativity  
Humanness



## FROM THE DESK OF MANAGING TRUSTEE

Today, the role of a college is not only to pursue academic excellence but also to motivate and empower its students to be lifelong learners, critical thinkers, and productive members of an ever-changing global society. The “College of Computer, Science & Information Technology (CCSIT)” that is being run under the aegis of well-established Management “Saraswati Infotech Education Trust”.

At CCSIT we provide an atmosphere to our students for multifaceted development, where students are encouraged to channelize their potential in the pursuit of excellence. This can only be possible in a holistic, student-centric environment. The talents, skills, and abilities of each student need to be identified, nurtured, and encouraged so that student is able to reach greater heights. Students need to be provided with a platform to think, express, and exhibit their skills.

CCSIT is striving hard to make the best possible efforts to inculcate strong values combining with academics and extra-curricular activities in the student.

### **Dr. D. G. Makadia**

M.D. (Pediatric),

Managing Trustee - Saraswati Infotech Education Trust

Tarun Children Hospital, Junagadh.

Chairman - Girnar Dairy Foods Pvt. Ltd., Junagadh.

Chairman - Sorath Tabibi Sangh, Junagadh.

“EDUCATION IS MOST POWERFUL WEAPON WHICH YOU CAN USE TO CHANGE THE WORLD”

NELSON MANDELA





## FROM THE DESK OF PRINCIPAL

I welcome all students with immense pleasure and joy. It is an honour and privilege to be principal of “CCSIT” College which is considered to be one of the premier educational institutions not only in Junagadh but in entire saurashtra and gujarat.

Here at college we are taking care of all round personality development leading towards excellence career of students by paying personal attention. Our teachers are successfully detecting creative possibilities dormant in our students and encourage them to reach to new heights.

I am happy as our students, talented teaching and non-teaching staff are giving their best support and co-operation for making the college as centre of excellence.

### **Dr. H. L. Kansagra**

B.Sc.(Chemistry), M.D.(Pathology & Bacteriology), D.C.P.,

Principal - College of Computer, Science & I.T., Junagadh

Trustee - Saraswati Infotech Education Trust

Kansagra Pathology Laboratory, Junagadh



## FROM THE DESK OF DIRECTOR

In our campus, the student is the primary focus and each student is involved in the learning process. We are constantly improving our teaching methodology so that it turns learning into combination of classroom study, research and scientific discovery.

CCSIT has to rise to the challenge of bridging the gap between academia and industry. To do so, our approaches is student centric, encouraging activity based learning and inculcating a scientific temper and a spirit of free enquiry.

At CCSIT, we believe that teaching does not end with deliverance of the lecture and assessing the answer papers but is the art of igniting the spark of curiosity in the minds of the students.

### **Mr. Gautam R. Kansagra** D.E.T.E.

Director, College of Computer, Science & I.T., Junagadh.

Trustee - Saraswati Infotech Education Trust

More than 20yrs of experience in Academic Field



## MESSAGE FROM TRUSTEE

I hope that by the time our students leave the gates of this institution they are enriched not just with factual knowledge but also with the confidence of fearlessly walking down the path of truth.

We have tried to evolve with the input every batch of students brings to us by renewing and renovating in academics and extracurricular.

I believe that one of the major components of any good institutions is its teaching staff. I proud that our GURU's are the mentors of the future of the country.

**Dr. G. T. Ladani** M.B.B.S., D.O.M.S., F.I.A.M.S.

Trustee - Saraswati Infotech Education Trust

Ami-Jyot Eye Hospital, Junagadh.

Trustee - Shree Patel Kelvani Mandal, Junagadh.



## MESSAGE FROM TRUSTEE

શહેરની એક નામાંકિત કોલેજ ના ટ્રસ્ટી તરીકે આપ સૌને આવકારુ છું. આ કોલેજ ફક્ત અભ્યાસ માટે જ નહિ પરંતુ વિદ્યાર્થીઓનો સર્વાંગીક વિકાસ થાય, ઉત્તમ સાહિત્ય, મૂલ્યનિષ્ઠ અને સંસ્કારોનું ઘડતર થાય તેવા સ્પર્ધાત્મક યુગમાં આત્મવિશ્વાસપૂર્વક શ્રેષ્ઠ નાગરિક અને તેવા પ્રયત્ન સાથે આ સંસ્થા કામ કરી રહેલ છે.

વિચારો ગમે તેવા મહાન હોય પણ વિચારોનો અમલ જ કરવામાં ન આવે તો જીવનના અંત સાથે વિચારોનો પણ અંત આવે છે. યાદ રાખો આ જગતમાં ઘણા બુદ્ધીશાળી લોકો થઈ ગયા જેમની પાસે મહાન વિચારો હતા પણ જીવનમાં ક્યારેય અમલ જ કર્યો નહિ અને તે વિચારો બુદ્ધિશાળી વ્યક્તિ સાથે જ પૂર્ણ થઈ ગયા.

સ્વામી વિવેકાનંદનો સંદેશ છે કે ઉઠો જાગો અને ધ્યેયપ્રાપ્તિ સુધી મંડ્યા રહા. પરિશ્રમનો કોઈ વિકલ્પ નથી. જે મેળવવા માંગો છો તેનો જ વિચાર કરો.

**Mr. Vitthalbhai M. Vaishnani** M.A.,B.Ed.

Trustee - Saraswati Infotech Education Trust

Ex-Corporator, Municipal Corporation, Junagadh.

Founder Trustee - Gayatri Vidhya Mandir, Junagadh.

Trustee - Umiya Parivar Trust (Faldu wadi), Junagadh.

# CCSIT TIMELINE

Excellent Standard of Students is maintained at CCSIT by creative education skill, spreading innovative ideas and sharing emerging thoughts.

First College in Junagadh District  
to start following Post Graduation Courses

**M.Sc.(Chemistry)**  
(Master of Science in Chemistry.)

**JUNE  
2016**

**M.Sc.(Microbiology)**  
(Master of Science in Microbiology.)

**JUNE  
2015**

**M.Sc.(IT&CA)**  
(Master of Science in  
Info. Tech. & Comp. App.)

**JUNE  
2011**

**DMLT**  
(Diploma in Medical  
Laboratory Technology)

**JUNE  
2006**

**B.Sc.**  
(Bachelor of Science)

**JUNE  
2002**

**B.Sc.(IT)**  
(Bachelor of Science in  
Information Technology)

**JUNE  
2000**

**B.C.A.**  
(Bachelor of  
Computer Applications)

B.Sc.



The whole of science is nothing more than a refinement of everyday thinking.

Albert Einstein



# B.Sc. – Bachelor of Science

## Duration of Course:

Six Semester (Three Year) Full time Course

## Eligibility Criteria:

Any student who has passed 12<sup>th</sup> Science (H.S.C.)

## Admission Procedure:

Direct admission based on Merit



# Subjects in Bachelor of Science (B.Sc.)

## Microbiology

Microbiology is a broad science encompassing the study of bacteria, algae, protozoa, fungi, and viruses in terms of their ecology, biochemistry, physiology, genetics, and role in disease processes. Particular interest for the use of microbes in industrial applications for the production of foods and natural products as well as their rapidly expanding role in biotechnology and genetic engineering studies.

The science of microbiology is relatively young and it offers practical applications for different areas of human activity: medicine, agriculture, nutrition, biotechnology and more. Theoretical and practical accumulation of nuclear physics, cellular and molecular biology, and information techniques have led to the improvement of microbiology logistics, resulting in the rapid development of microbiology as a multilateral science.

## Biotechnology

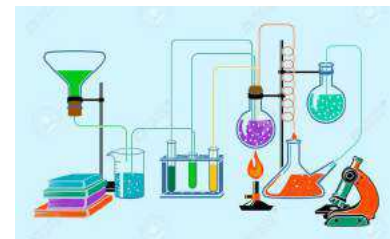
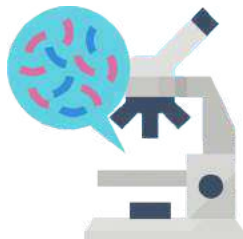
Biotechnology is the fusion of biology and technology, the application of biological techniques to product research and development.

By harnessing cellular and bio-molecular processes, scientists can make advances and adaptations to technology in various fields. Traditional processes include using living organisms in their natural form, breeding new living organisms or modifying their genetic makeup. Successful applications of such processes have resulted in treatment of disease, environmental impact reduction and more efficient use of natural resources. Major biotech companies implement biotechnology as a practice to bring medical devices and products to the mainstream market.

## Biochemistry

Biochemistry is the chemistry of biology, the application of the tools and concepts of chemistry to living systems.

Biochemists study such things as the structures and physical properties of biological molecules like proteins, carbohydrates, lipids, vitamins and nucleic acids; the mechanisms of enzyme action; the chemical regulation of metabolism; the chemistry of nutrition; the molecular basis of genetics; energy utilization in the cell; and the chemistry of the immune response.





## Chemistry

Chemistry is part of everything around you from medicine and food production to agriculture products. Chemistry deals with the nature of all substances and the changes that occur therein. It ranges from the study of the structure of atoms and molecules to that of the reactions occurring in living organisms.

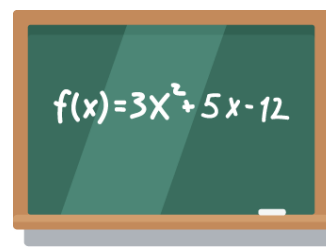
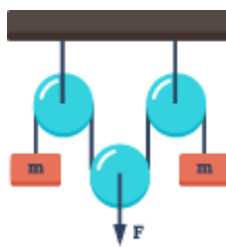
The study of chemistry can provide knowledge that will give students a greater understanding and appreciation of the world in which they live. The curriculum offers a thorough fundamental knowledge of the major fields of chemistry, covering the general areas of inorganic, organic, analytical and physical chemistry, plus many more specialized areas including nuclear chemistry, chemical biology, chemical synthesis, spectroscopy and biochemical engineering.

## Physics

Physics involves the study of matter and its motion through space and time, along with related concepts such as energy and force. Physics is the general analysis of nature, conducted in order to understand how the universe behaves. Physics creates a foundation for other natural sciences. Physics plays a crucial role in driving innovations and development of new technologies. Physics contributes to the technological infrastructure and provides trained personnel needed to take advantage of scientific advances and discoveries.

## Mathematics

Mathematics is a group of related sciences, including algebra, geometry, and calculus, concerned with the study of number, quantity, shape, and space and their interrelationships by using a specialized notation. It provides both the theoretical background and the quantitative skills required for the solution of real-world problems. Mathematics is fundamental to much of science, technology and engineering. Mathematical analysis and modeling also play an important part in life, health and social sciences, as well as the world of business and commerce.





"I do not fear computers. I fear lack of them."

Isaac Asimov

# B.Sc.(I.T.) - Bachelor of Science in Information Technology

## B.C.A. - Bachelor of Computer Applications

### Duration of Course:

Six Semester (Three Year) Full time Course

### Eligibility Criteria:

Any student who has passed Standard 12th (H.S.C.)

### Admission Procedure:

Direct admission based on Merit

Information Technology(IT) and Computer Applications are refers to anything related to computing technology, such as networking, hardware, software, the Internet, or the people that work with these technologies. IT jobs include computer programming, network administration, computer engineering, Web development, technical support, and many other related occupations. Since we live in the “information age,” information technology has become a part of our everyday lives.







# D.M.L.T. - Diploma in Medical Laboratory Technology

## Duration of Course:

One Year Full time Course

## Eligibility Criteria:

B.Sc. with Microbiology, Biotechnology, Chemistry, Biochemistry, Zoology, Home Science ( Food & Nutrition )

## Admission Procedure:

Direct admission based on Merit

DMLT is the branch of Para Medical Science, which is deals with the lab diagnosis, in human beings. This one year course provides the entire knowledge about lab technology and related surrounding Practice.





“Data is the new oil.”

Clive Humby



# M.Sc.(IT&CA) - Master of Science in Information Technology & Computer Application.

## Duration of Course:

Four Semester (Two Year) Full time Course

## Eligibility Criteria:

BCA, BSc(IT), BSc(Comp.), BCom(Comp.), BE(Comp./IT), BPharm, BArch, PGDCA

## Admission Procedure:

Direct admission based on Merit

IT and Computer are the fastest growing segment of Indian industry. In recent times, 'software development and IT enabled services' have emerged as a nice opportunity for India in the global context. The Government is taking all necessary steps to make India, a Global Information Technology Superpower and a front-runner in the age of Information Revolution.



# M.Sc. (Microbiology)



Biology will relate every human gene to the genes of other animals and bacteria, to this great chain of being.

Walter Gilbert



# M.Sc.(Microbiology) - Master of Science in Microbiology

## Duration of Course :

Four Semester (Two Year) Full time Course

## Eligibility Criteria :

B.Sc.(Microbiology)

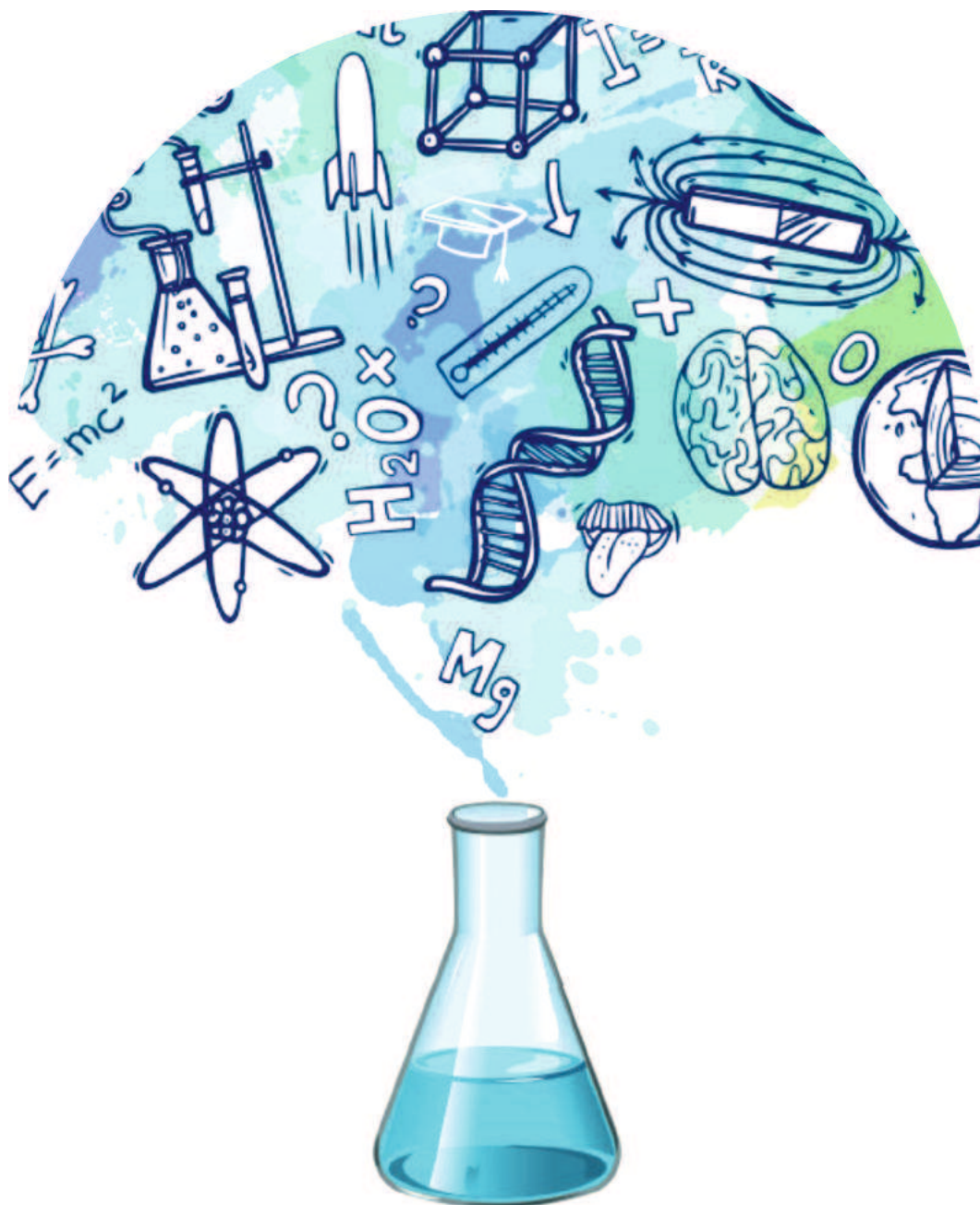
## Admission Procedure :

Direct admission based on Merit

Microbiology has emerged as the key biological science. It encompasses numerous sub-disciplines including virology, Mycology, Parasitology, and Bacteriology. Indian research institutes are attracting several outdoor projects from many countries. Two year post graduation in Microbiology enables the candidates to fetch wide variety of career opportunities available in the field of Microbiology. Applications of Microbiology are extensively seen in the food processing, agricultural and pharmaceutical fields.



## M.Sc. (Chemistry )



The country which is in advance of the rest of the world in chemistry will also be foremost in wealth and in general prosperity.

WILLIAM RAMSAY



# M.Sc.(Chemistry) - Master of Science in Chemistry

## Duration of Course:

Four Semester (Two Year) Full time Course

## Eligibility Criteria:

B.Sc.(Chemistry)

## Admission Procedure:

Direct admission based on Merit

M.Sc. (Chemistry) program which gives good foundation of basics and research component through practical skills, which in turn will provide excellent job prospects in Academics, Industries and other field of interest. M.Sc. (Chemistry) will provide competence to tackle frontier areas in Green chemistry, Supramolecular chemistry, Sensors, advanced materials, Advanced organic chemistry, Photochemistry, Solid State Chemistry, Bioinorganic Chemistry etc. Two years M.Sc. program in Chemistry is conducted in four semesters. The department has well-equipped laboratories to support the practical courses.



# Career Opportunities in Computer / I.T.

**Computer Programmer**

**Web Designer**

**Software Developer**

**Network Engineer**

**Technical Assistant**

**Software Engineer**

**Search Engine Optimizer**

**Software Tester**

**Lab. Assistant**

**System Analyst**

**Customer Support**

**Database Administrator**

**Quality Analyst**

**Teaching Faculty**

**Call Center Operator**

**Mobile App Developer**





# Career Opportunities in Medical Laboratories



# Career Opportunities after B.Sc., M.Sc.

Scientific Laboratory Technician

QC (Quality Controller)

Research Associate

QA (Quality Assurance)

Production Officer

R&D (Research & Development)

Safety Specialist

Medical Representative

Analytical Chemist

Biomedical Chemist

Materials Technologist

Lecturer / Teacher

Safety Health Specialist

Environment Specialist

Microbiologist

Chemist

Biotechnologist

Clinical research associate

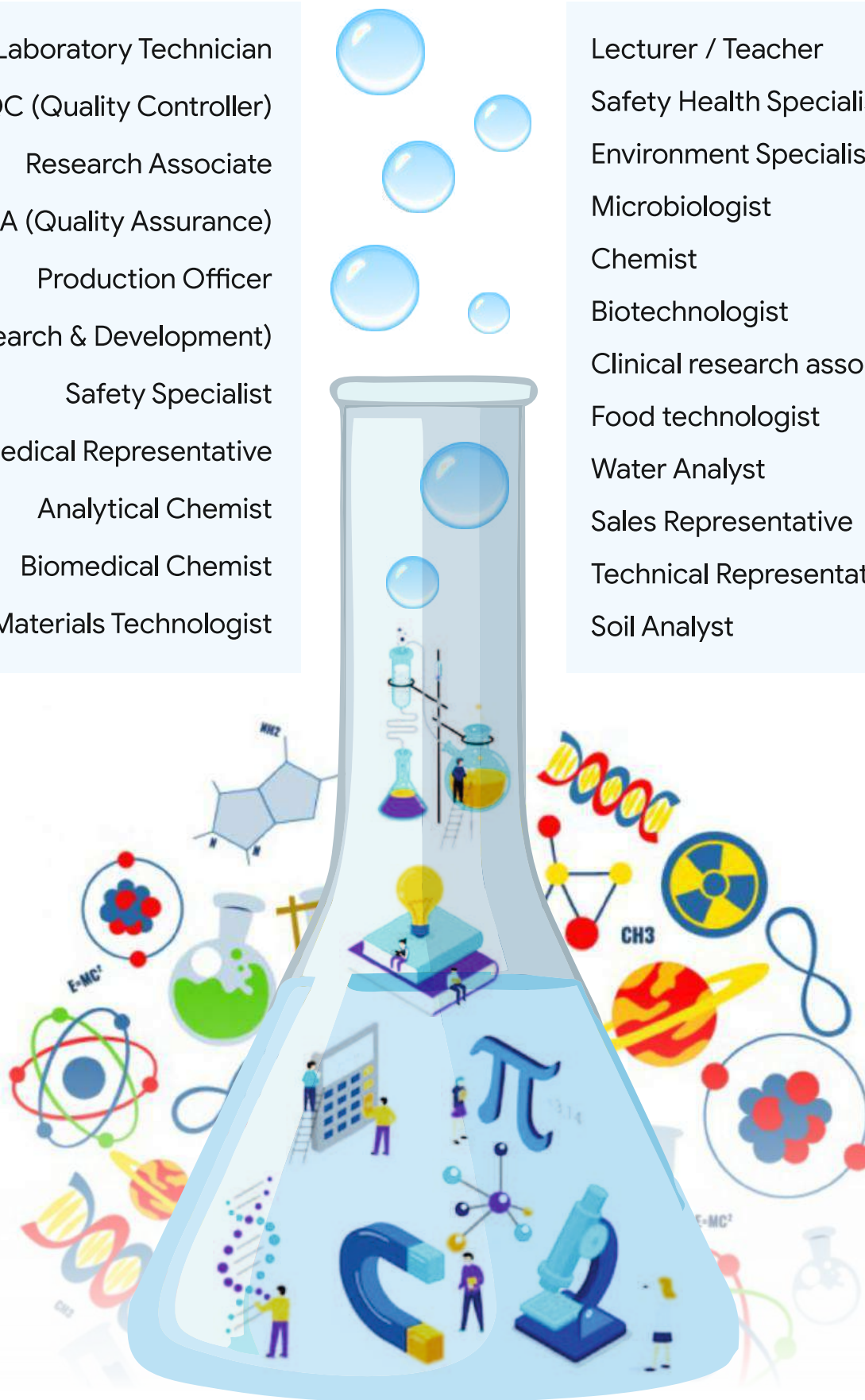
Food technologist

Water Analyst

Sales Representative

Technical Representative

Soil Analyst



# FEATURES

- 100% course completion of Theory and Practical as per university syllabus
- Seminar participation by students for improvement in explanation power
- Paper/Poster presentation by students to prove creativity in their ideas
- Workshops arranged to provide advance knowledge outside of syllabus
- Seminars by expert for competitive examinations & advanced technology
- Guidance for further studies and jobs



# FACILITIES

- Girls hostel in college campus
- Study material for subjects in easy language
- E-Classroom with clean and fresh atmosphere
- Well equipped Laboratories for all stream
- Library with good collection of Books, Newspapers, Magazines and Projects
- College Mobile Application for regular updates of student attendance and college news
- Edmodo - E-learning platform to provide Digital Education and connect students with teachers across boundaries
- Cultural and sports activities
- Free Internet for all students
- Canteen for snacks / refreshment

















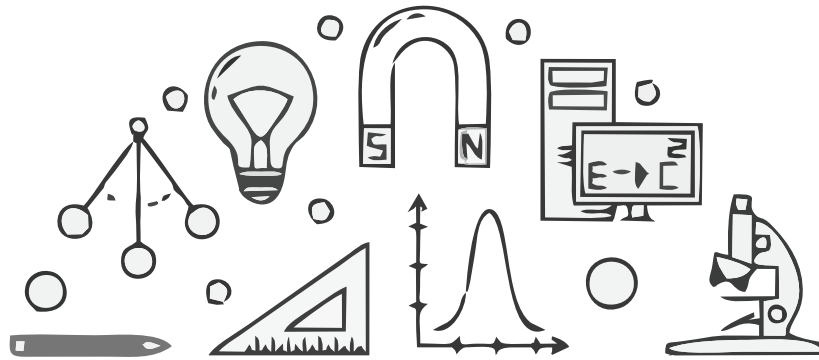




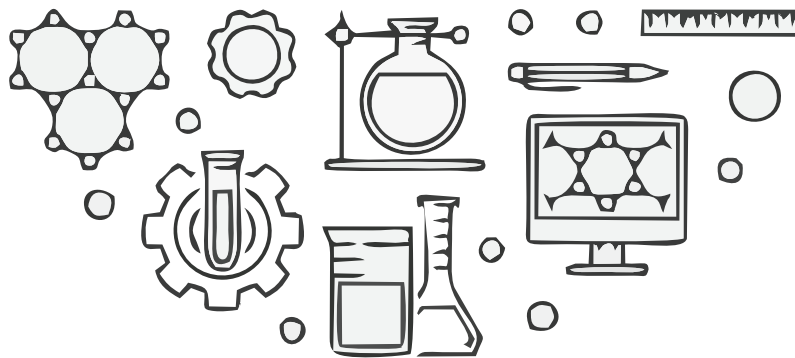








[WWW.CCSIT.CO.IN](http://WWW.CCSIT.CO.IN)



## **College of Computer, Science & Information Technology**

Green City, Near Chobari Railway Crossing, Bypass Road, Junagadh-362001 (Gujarat)

ccsitjunagadh@gmail.com, +91 92280 06940 / +91 79906 61530

“Education must not simply teach work – it must teach Life.”

W. E. B. Du Bois