



DR. V. R. GODHANIA COLLEGE OF ENGINEERING & TECHNOLOGY

*Convert your Aspirations
into Possibilities and*

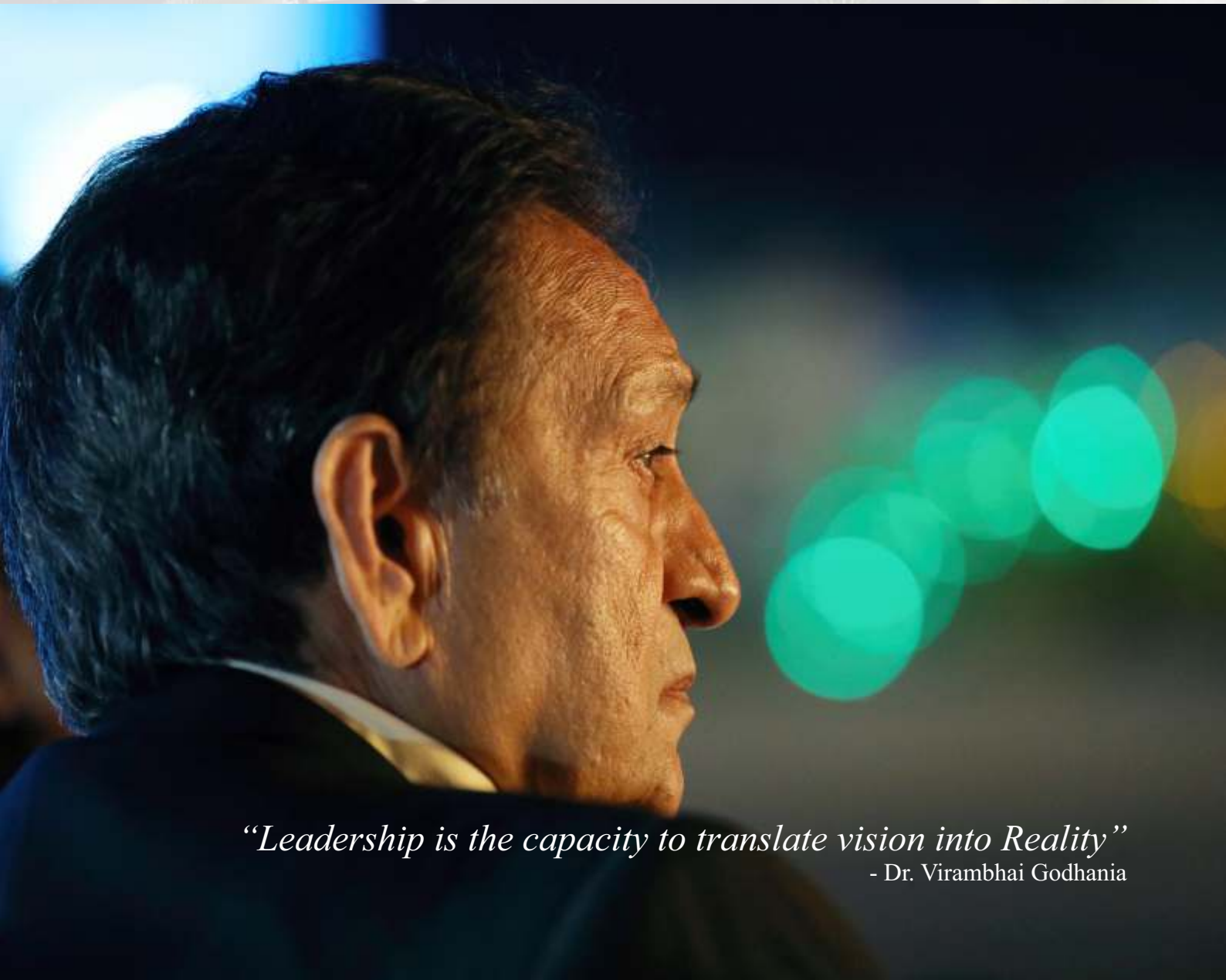
LEAD 
with the **BEST**



INFORMATION BROCHURE

Content

1. Trustee Message
2. DRVRGCET AT A Glance
3. Vision, Mission & Quality Policy
4. Why DRVRGCET
5. Life at DRVRGCET
6. Department and Courses
7. Studying at DRVRGCET
8. Vibrant DRVRGCET



“Leadership is the capacity to translate vision into Reality”
- Dr. Virambhai Godhania

Trustee Message

Dr. V. R. Godhania **President**

It is my privilege to greet you on behalf of DRVRGCET. In a short span of 2 years, DRVRGCET has been emerged as the preferred choice of students principally because of its experienced faculty, highly structured teaching, learning process and all laboratories and workshops having latest equipment's.

DRVRGCET is prestigious due to its innovationism, dynamism and persistence for seeking and adapting innovative methods to improve the quality of higher education, has now established itself as one of the premier institutions in Porbandar.

In this institution, we train our students in such a way that they will be successful in a tough mind set and highly professional environment.

I believe that we cannot achieve anything without hardwork and dedication. So every student of DRVRGCET should keep these things in mind & be successful in life.



Sh. Arjunbhai Modhvardia **Managing Trustee**

"Education is the most powerful weapon which you can use to change the world." - Nelson Mandela

I believe that education is also an investment in the field of human resource development to build a nation, which is a driver for technological innovation and economic growth of the country. In present scenario of globalization, technical education has occupied the centre stage, Scientific community has been significantly transformed into an interactive global community, sharing concept, exchanging ideas and collaborating on projects with an international yardstick. Web based learning system and research are considered these days as common practices in the myriad developing fields all over.

"Do not train a child to learn by force or harshness; but direct them to it by what amuses their minds, so that you may be better able to discover with accuracy the peculiar bent of the genius of each." Plato

At DRVRGCET, we are striving hard to inculcate and develop qualities amongst our young students on plato theory. We are confident that our efforts will bear fruits and we shall achieve our goal of making this institute to be top institutions providing professional education in the country. We shall very much wish that the executives of tomorrow get associated with us in this process. On behalf of the entire DRVRGCET community, it is my pleasure to welcome you to a vibrant academic campus.



Trustee Message

Sh. Bharat Visana **Working Trustee**

“The ultimate purpose of education at our Institute is to transform the students into competent professionals with human virtues to liberate themselves from their limitations.”

I welcome you to DRVRGCET. The institute is committed to develop young minds for creative leadership in Technology and Management and a proactive and useful role in social transformation..

We are committed to ensuring that you are offered high-quality teaching and learning at our campus. We provide enough opportunities and encourage you to pursue your studies to your fullest talent.

The skills you develop will be a real asset to you. Once you graduate from our college, you will have a well-earned degree.

You are certain to come in contact with new ideas, new environment and you will love to be part of us. DRVRGCET is dedicated to facilitate the development of young minds as leaders of tomorrow in all walks of life.

I am sure your stint in the institute will be physically challenging, mentally enriching and spiritually transforming.



Dr. Sanjay Agal **Principal**

The onus of creating a world class educational institution is challenging and embellished with a host of initiatives which validate themselves over an extended time span.

Today the corporate world seeks a generation of young people who are not only enlightened, but also trained to think innovatively. They are expected to meet tough challenges and create opportunities in uncharted areas with unprecedented success.

At the Dr. V. R. Godhania College of Engineering & Technology, we strive not only to prepare our students for the change, but also try and get them a step ahead by challenging their abilities and nurturing their curiosities.

We strive to inculcate within them not only academic excellence but also the ability to adapt to change; both technological and social - in order to make sure that they are ready not just to face the new world but to be leaders and pioneers as the new world is crafted. If you are passionate, and you possess a desire to meet technology and embrace it, DRVRGCET is the place for you.

I am sure that with our collective vision we will achieve the enshrined goals through dynamic, participative and scholarly academic inputs duly complemented by collaborative deployment of professionals of high repute and calibre.

Once again, I extend my best wishes to the all the stakeholders of the college.



DRVRCET at a glance

"Imagination is more important than knowledge"

- Albert Einstein

Dr. V. R. Godhania College of Engineering & Technology (DRVRCET) was set up as a self-financed institution in the year 2017, under the aegis of Shri MaldevjiOdedraSmarak Trust to cater the demands of technical education in saurastra region. We are committed to nurture the new order of society based on the principles of 3R's: "Rise, Raise and Race", i.e., Rise higher and higher in knowledge and skills with right understanding, Raise thy neighbor and Race to the limits of imagination.

The institute is approved by All India Council for Technical Education (AICTE) and affiliated to Gujarat Technological University (GTU), Ahemdabad. DRVRCET is an Institute which offers undergraduate programs in Bachelor of Technology (B.E.). At DRVRCET, teaching and research goes hand in hand with focus on emerging technologies and providing high-tech solutions to the industrial problems. We integrate science, technology and society with holistic prospective in cross cultural environment and shape students to be innovative, entrepreneurial, supportive, assured and capable enough to meet global standards. To achieve all this, we have well defined vision and mission and the progress is regularly monitored with the standards laid down in quality policy.

Innovative Learning Pedagogy

At DRVRCET, all the efforts are put in to make learning a pleasure rather than a burden. To achieve this objection team of our dedicated faculty members and support staff leaves no stone unturned to implement innovative learning pedagogy with focus on the following areas:

1. Outcome based learning approach
2. Inculcate a culture of research and innovationwith focus on hands-on-learning
3. Exposure to diverse learning platforms through NPTEL, Spoken tutorial and Virtual labsNurture entrepreneurship
4. Encourage students to excel in co-curricularactivities
5. Ultimately enhance employability





Vision

To be a premier academic institution, recognized internationally for its contribution to industry and society through excellence in teaching, learning, research, internationalization, entrepreneurship and leadership.

Mission

- To transform education through academic rigour, practical orientation and outcome based teaching.
- To develop and implement a relationship of cooperation between industry and academia.
- To undertake impactful research addressing local, national and global challenges.
- To prepare graduates to be lifelong learners with strong analytical and leadership skills.
- To develop global professionals and entrepreneurs with innovative spirit, tolerance and desire to make a difference to the society.

Quality Policy

DRVRGCET is committed to provide the best of education and professional job-oriented technical training at par with global standards. We further strive to achieve excellent customer satisfaction by providing quality education through:

- Standardized courses using state-of-the-art teaching methodologies
- Laying strong conceptual foundation
- Ensuring adequate industrial, R&D and academic exposure
- Compliance of statutory and regulatory requirements
- Regular review of effectiveness of Quality Management System
- Continual Improvement in our operations

Why DRVRGCET

DRVRGCET is a great place for learning, here are some QUICK FACTS about DRVRGCET (a preferred destination for students):

Departmental Societies to nurture Technical growth of students through various technical events and expert lectures

The Campus spread over a lush green area of 3.6 acres and located just 1 km from Porbandar airport

Highly qualified, experienced and dedicated faculty members

NPTEL LOCAL CHAPTER through academic tie-up with IIT, Madras

Skill Development Labs to contribute in Make-in-India Mission

Academic tie-up with IIT, Bombay for spoken tutorial

Academic tie-up with IIT, Bombay for spoken tutorial

State-of-the-art language labs with Software Enhancing Linguistic Skills to meet the global trends

State-of-the-art Engineering Laboratories Workshops and Seminar Halls

MOUs with leading industries under Academic-Industry Alliance

State-of-the-Art Auditorium of capacity 400 and an Open Air Theatre for cultural and other programs of large gathering

Hostels for girls (800 seats) with 24 hours internet facility in the rooms and other recreational activities

In campus Facilities
Cafeteria, Nescafe (Coffee Shop), Confectionary shop, Stationary, Xeroxing and ATM facility

Networking Facility
Campus wide Networking LAN and Wi-Fi- Connectivity with Bandwidth of 100 MBPS

Hobby Club
A well established Hobby Club System which provides wings to the imaginations of students

Medical Facility
Doctor for student and staff; college owned 24hr ambulance for any emergency

Zero tolerance for ragging

Life at DRVRGCET

Annual Fest : It's a Techno-cultural college fest, held annually. It includes several technical and cultural events for students to participate in and show their talent and skills. It also has a festival night which includes performances from popular singers, musicians and artists.



Girls Hostel: Hostels for girls (800 seats) which are enough for students willing to avail hostel facility. Rooms include almirah, table, chairs, cooler with 24 hours electricity and internet availability.



Sports Arena: Well laid Sports Arena and Facilities for outdoor and indoor games.

Library : DRVRGCET has a well established library with collection of 5000 books and 100 journals and 70 magazines subscribed to provide latest information on various subject.



In and Around : Inside Campus Cafeteria, Nescafe Stationary shops are available for the students.

DRVRGCET is only 1 km distant from Porbandar Airport. There are shops, and hospitals nearby the college.

“The expert in anything was once a beginner”

Department and Courses

Civil Engineering

Course overview

Total Intake
B.E. (Civil Engineering) 60

Highlights

Regular Industrial visits
Quality Placement

Focus on entrepreneurial skill development.

Strong Alumni Interaction

Effective career guidance including counseling for higher studies

Student activities and publications through Society and hobby club

Employment Opportunities

Government, Public Sector, Private Sector, Academics and R&D. Large Scale opportunities are available in CPWD, MES, NHAI, CWPSR, Real Estate, Decks & Ports, Water Supply and Sewage System Design, etc.

Civil Engineering is the core branch of Engineering that deals with planning, design, construction and maintenance of structures related to Infrastructure, urban/rural development and environmental protection. Department of Civil Engineering is continuously striving to design and implement new methodologies in teaching and learning skills of faculty and students.

Facilities

The department has spacious and well ventilated classrooms, tutorial-rooms and seminar hall. Department is enriched with well equipped labs including Structural Analysis and Detailing Labs, Geo Informatics/Surveying Labs, Geo technical Engineering Lab, Transportation Engineering Lab, Fluid Mechanics & Hydraulics Machine Labs, Building Material & Construction Lab, Environmental Engineering lab, Computer Aided Design Lab and Drawing Hall.

Achievements

- Participated in GTU TECHFEST–2017 in “Break Up Bridge” event and secured 4th Rank.
- Participated in GTU TECHFEST–2017 in “Life of pile” event secured 5th Rank.
- Students have achieved winning trophy at college level “Cricket Tournament” held in 2017.
- Participated in zonal level “Quiz Competition” held at Shree J. N. Ruparel Swaminarayan Institute of Management & IT and secured 4th Rank.

Placement

Some of our collaborated firms are “Nyara Energy - Jamnagar”, “Tacon Structure Private Limited – Porbandar”, “K.M.Gareja Construction-Advana” etc. where students can have their campus drive.



Department and Courses

Computer Science and Engineering

Course overview

Total Intake
B.E. (Computer Science & Engineering) 60

Labs and Facilities

All classrooms and laboratories are well equipped with ICT based learning process.

Our Department Laboratories has more than 100 computer with every lab is equipped with sufficient number of latest computer nodes to meet the requirement of single computer per student.

The department's major laboratories include:

- Cloud Computing and Virtualization Lab
- Database and Data Analytics Lab
- Enterprise and Mobile Computing Lab
- Algorithm and Complexity Analysis Lab
- Programming Language & Semantic Lab
- Software Engineering Lab
Computer Organization Lab
Project Lab



Computer Science & Engineering branch has tremendous employment opportunities in Govt. as well as private sectors as the demand of trained professionals is set to grow manifolds. The Computer Science & Engineering Department is committed towards developing excellence in computer education , training and research. Attempts are being made to enhance knowledge of students , faculty and staff by engaging them in academic , research , extra curricular and co-curricular activities. Computer Science and Engineering encourages students to utilize their problem-solving skills and creativity as they become familiar with the principles of both scientific engineering and computer programming.

Highlights

Strong Outreach Programs: NPTEL Local Chapter- By MHRD, Govt. of India, Spoken Tutorial Workshops-IIT Bombay.

Placement Training Programs by reputed agencies Global Voice and Career Launcher forthird and final year students.

Entrepreneurship Development Programs in association with MSME, Govt. of India, NIESBUD.

Qualified & Experienced Staff : Our Department has highly qualified and experienced staff to share their knowledge.

Infrastructure :100+ Higher End Configuration Computers of DELL & Acer Brand.Campus Wide Fiber Optic Cable Network.

Employment Oppurtunities

Computer Science & Engineering branch has tremendous employment opportunities in Govt. as well as private sectors as the demand of trained professionals is set to grow manifolds.A computer engineer, also called a software engineer, is responsible for developing, testing and evaluating the software that make ourcomputers work. They may help in the development of new computer games and business applications, or even in the design of entirely new operating systems.

Top Recruiters:

Students are well placed in organizations like Infosys, Cognizant, DELL, IBM, Samsung LG , TCS , India Mart and many more.



Department and Courses

Mechanical Engineering

Course overview

Total Intake
B.E (Mechanical Engineering) – 60

Highlights

Mechanical Engineering is core discipline of Engineering that applies the principles and concepts of variety of subjects like physics, engineering and materials science that aims to design, analyse, manufacture and maintain mechanical systems.

The Department is manned with well-qualified faculty having industrial and academic experience.

The Department fulfils the faculty-cadre ratio as per AICTE norm

Development of leadership skills by infusing the program with current engineering professionalism.

Strong Alumni Interaction.

Employment Opportunities

Organizing in-plant training, visits, executive training and induction programs.

Special focus on Communication Skills, Personality Development, Aptitude, Computational Skills Organizational Citizen Behaviour and Domain Specific Knowledge.

The course is offered with the focus on innovation, development and assessment of technologies so as to allow the students to think and operate freely. Mechanical Engineers have employment in the Public sector Units such as NTPC, BHEL, IOCL, BPCL, NHPC, BARC, DRDO, DAE, ISRO, etc.

Placement

Students are well placed in high profile companies like Cummins India Pvt Ltd., ENCON, TCS, Hettich, Infosys India, JBM group, FACE, Trigent, and Amazon etc.

Belonging to one of the core disciplines, Mechanical Engineers have always been in demand. They are engaged in wide range of areas including Manufacturing, Production, Fabrication Industries, Quality Management, Industrial Engineering, Automation, Robotics, and CAD/CAM etc.

Facilities

DRVRGCET is creating professionals and innovators for the future through exclusively sourced equipment available only at other top universities of India. The labs and facilities at the college ensure our students learn by 'doing' things rather than just watching and listening.

The Department has well equipped labs and workshops in the following fields: Applied Thermodynamics, Engineering Mechanics, Manufacturing Science, manufacturing processes, Production Technology, Fluid mechanics & Fluid Machinery, Theory of Machines, Material Science, Measurement and Metrology, Heat & Mass Transfer, Refrigeration and Air-Conditioning, Automobile Engineering, CAD/CAM etc



Department and Courses

Chemical Engineering

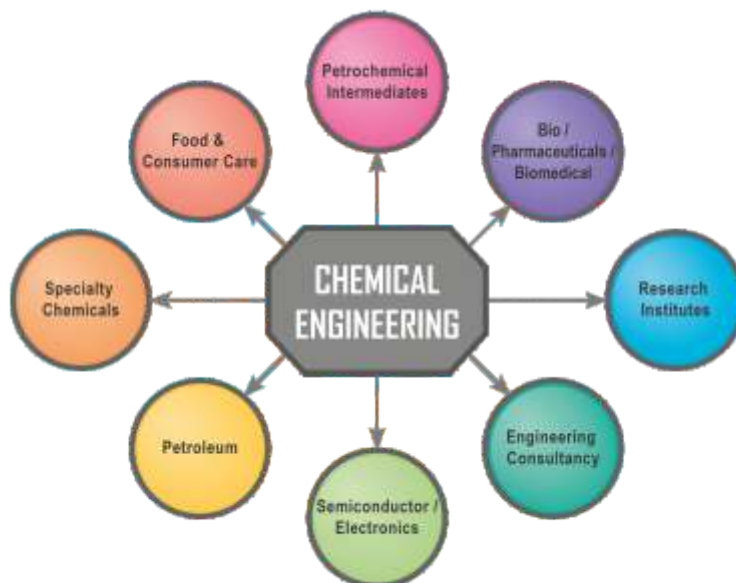
Course overview

Total Intake
B.E. (Chemical Engineering) 60

What is Chemical Engineering ?

Chemical Engineering mainly acts as a resource branch for many other engineering branches. The devices and equipment in every branch are manufactured using a chain of chemical processes. Every production and application unit deals with chemical engineering directly or indirectly. The chemical engineers are expected to have deep knowledge of chemical available and the effects of them with other chemicals as well as surroundings. Depending upon geographical applications, chemicals need to be altered in their behavior and composition which needs expertise. Understanding this domain, This Only Chemical Engineering College in Porbandar has arranged a pool of qualified teachers with the adequate technical infrastructure to meet the course objectives.

Employment Opportunities



What is Chemical Engineering ?

Chemical Engineering is quite distinct from Chemistry. Although many of the processes chemical engineers deal with involve chemical reactions, the contribution of chemists and chemical engineers is quite different - even though they quite frequently work together. Chemists strive to find new pathways to desired end products and to investigate mechanisms of reactions.

The role of the chemical engineer is to translate this information to design processes that must not only be economically viable but must increasingly demonstrate minimal environmental impact.

Chemical Engineering draws on a wide variety of skills and knowledge. In fact the problem-solving and numeracy skills of chemical engineers are highly sought after by employers and help to explain why chemical engineers top the scales of all the major engineering professions.

Facilities

The department has spacious and well ventilated class rooms and well equipped Environmental, Chemistry and Microbiology Lab, Air Pollution Analysis Lab, Waste Water Analysis Lab etc.

Placement Opportunities

"Shaurashtra Chemicals Limited –Porbandar"

Studying at **DRVRGCET**



We provide various resources to make the studies enjoyable and effective so that students can be prepared to deliver their best. The DRVRGCET library serves as a place where students can delve deeper into their subjects and widen the horizons of their knowledge. In order to help its students to keep abreast with the changes happening in the world of technology, the DRVRGCET library also subscribes to 373 online journals, periodicals, and regional and national newspapers.

The DRVRGCET library boasts of a collection of 115,009 books of

Engineering, Applied Sciences, Information Technology and Humanities. It also has membership from IEEE, DELNET (Developing Library Network), AIRC (American Information Resource Centre), IE(I) (The Institution of Engineers, India), ISTE (Indian Society for Technical Education), CSI (Computer Society of India), IETE (The Institution of Electronics and Telecommunication Engineers), for online International Journals, and DELNET membership for resource sharing.

The college has developed a fully computerized library using DRVRGCET Soft software and bar coding system. The air-conditioned DRVRGCET library is spread across more than 1033 sq. m. and has sufficient seating capacity. It is equipped with a reference section, separate reading rooms for students and faculty, online cataloging and other facilities like lockers for students.

NPTEL Local Chapter

DRVRGCET having a local chapter of NPTEL (National Programme on Technology enhanced learning) provides learning resource to its students which include free online courseware in the form of web courses and video lectures. These lectures utilize a multitude of facilities of the video medium such as chalk-and-talk, tablet writing, power point, two and three dimensional animations, interactive codes, etc.



A team of dedicated faculty members continuously motivates and monitors students to make use of this valuable resource.

Global Presence of DRVRGCET

NMEICT Local Chapter

DRVRGCET having a local chapter of NMEICT (supported by National Mission on Education through ICT) at IIT Bombay, permits thousands of teachers to benefit from each of these programs. Use of online and blended approach allows participants to complete a significant part of training online, thus reducing the time which must be spent on face-to-face synchronous interaction.



SWAYAM Local Chapter

SWAYAM is a programme initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged.

SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy.



IITBOMBAYX Local Chapter

IITBombayX is an online platform developed by IIT Bombay, to offer Massive Open Online Courses (MOOCs) for individuals from varying backgrounds. We specialize in Hybrid MOOCs which captures the benefits of flipped classrooms, online lectures, and live interactions with the IITBombayX course instructors.



Vibrant DRVRCET



DR. V. R. GODHANIA COLLEGE OF ENGINEERING & TECHNOLOGY

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