

Dhirajlal Gandhi College of Technology (DGCT) was established in 2011 with a mission of creating a conducive learning environment for students. Located on a sprawling 10.18-acre lush green campus on the Salem-Bangalore highway near Salem Airport, the institution provides a tranquil environment ideal for higher education. The college is approved by the All India Council for Technical Education (AICTE) and is affiliated with Anna University, Chennai. DGCT has received Nil Deficiency Report (NDR) for five consecutive years from both Anna University and AICTE since its inception, highlighting its consistent academic standards.

The college aims to improve the quality of human life through multi-disciplinary programs in Engineering, Architecture, and Management that are internationally recognized and facilitate research work incorporating social, economic, and environmental development. The serene campus atmosphere invigorates the mind and provides a peaceful learning environment for students pursuing technical education.

#### Contact Information and Location

DGCT is strategically located opposite Salem Airport in Sikkanampatty, Omalur Taluk, Salem - 636 309. The college maintains the following contact channels:

Office Contact: 04290-233333

Admission Contact: +91 9500000651, +91 9489900130

Email: [principal@dgct.ac.in](mailto:principal@dgct.ac.in), [office@dgct.ac.in](mailto:office@dgct.ac.in)

College Hours: 9:00 AM - 5:00 PM

#### Administrative Structure

The college is headed by Dr. A Selvaraj who serves as the Principal. He brings 22 years of experience to his leadership role, guiding the institution toward academic excellence. The college operates as a self-financing, non-minority institution.

#### Academic Programs

DGCT offers a diverse range of undergraduate and postgraduate programs designed to equip students with both theoretical knowledge and practical skills in various engineering disciplines.

#### Undergraduate Programs (B.E./B.Tech)

The college offers the following undergraduate programs:

B.E. Civil Engineering (since 2011)

B.E. Computer Science and Engineering (since 2011)

B.E. Electrical and Electronics Engineering (since 2014)

B.E. Electronics and Communication Engineering (since 2011)

B.E. Mechanical Engineering (since 2012)

B.Tech. Agricultural Engineering (since 2021)

B.Tech. Artificial Intelligence and Data Science (since 2021)

B.Tech. Information Technology (since 2022)

B.E. Robotics and Automation (since 2023)

#### Postgraduate Programs (M.E.)

The college also offers the following postgraduate programs:

M.E. CAD/CAM (since 2014)

M.E. Communication Systems (since 2014)

M.E. Computer Science and Engineering (since 2013)

M.E. Structural Engineering (since 2013)

### Artificial Intelligence and Data Science Department

The B.Tech. program in Artificial Intelligence and Data Science is a relatively new addition to DGCT's academic offerings, having been established in 2021. This program is designed to prepare students for careers in the rapidly evolving fields of AI and data science.

### Program Overview

The B.Tech. in Artificial Intelligence and Data Science is a four-year full-time undergraduate program affiliated with Anna University, Chennai, and recognized by AICTE. The program combines theoretical knowledge with practical applications, preparing students for careers in AI, machine learning, data analytics, and related fields.

### Admission Details

Program Duration: 4 years (48 months) full-time

Intake Capacity: 60 students as per 2023-2024 data, though some sources indicate 120 seats

Total Tuition Fees: ₹2,00,000 for the entire 4-year program

Mode of Study: Full-time

Admission Process: Based on Tamil Nadu Engineering Admission (TNEA) Counselling

Eligibility Criteria

Candidates must meet the following eligibility requirements to apply for the B.Tech. in Artificial Intelligence and Data Science program:

Successful completion of 10+2 (HSC) education

For Open category: Minimum 50% average marks in Mathematics, Physics, and Chemistry combined

For Backward category: Minimum 45% average marks in these subjects

For Most Backward category: Minimum 40% average marks in these subjects

For SC/ST category: Minimum 40% average marks in these subjects

#### Infrastructure and Facilities

The college provides state-of-the-art infrastructural facilities to support academic excellence, research, entrepreneurship development, and learning advanced technologies. The campus features modern classrooms, well-equipped laboratories, library resources, and other amenities that create an ideal learning environment for students pursuing technical education.

#### Faculty Expertise

DGCT employs qualified faculty members with relevant expertise and experience in their respective fields. The college has a team of dedicated educators committed to providing quality education and guidance to students. While specific faculty information for the AI & DS department is not detailed in the available data, the college generally maintains a roster of experienced teaching professionals across all departments.

#### Placement Opportunities

The college's tagline mentions "Best Placements in 8 Consecutive Years," indicating a strong focus on student employment opportunities. DGCT's placement cell likely works to connect

students with industry opportunities, organize campus recruitment drives, and prepare students for professional careers.

### College Overview and Background

Dhirajlal Gandhi College of Technology (DGCT) is a private engineering institution established in 2011, located in Salem, Tamil Nadu. The college is affiliated with Anna University, Chennai, and has received necessary approvals from the All India Council for Technical Education (AICTE). DGCT has built a strong reputation in the engineering education sector with accreditation from the National Assessment and Accreditation Council (NAAC) and recognition from the University Grants Commission (UGC).

The campus spans an impressive 10.18 acres of land, providing ample space for educational activities and extracurricular functions. DGCT is strategically positioned opposite Salem Airport in Sikkanampatty, Omalur Taluk, making it accessible for students from various regions. The college maintains a serene learning atmosphere that fosters academic growth and innovation.

### Vision and Mission

DGCT's institutional vision encompasses multiple dimensions:

To offer quality education in Engineering, Architectural and Management programs integrated with industry-oriented research

To develop Centers of Excellence by establishing Unique Education Systems with contributions from eminent educationalists, expert engineers, and technocrats

To promote Continuing Education Programs that address industry needs

To enable Recognized Research Programs in areas of strategic importance at state, national, and international levels

The mission statement of Dhirajlal Gandhi College of Technology emphasizes "improving the quality of human life through advanced level programs in Engineering and Management that

are internationally recognized for excellence and facilitate research work incorporating social, economical and environmental dimensions".

#### Academic Programs and Infrastructure

DGCT offers a comprehensive range of undergraduate and postgraduate programs across various engineering disciplines. The college is known for its modern infrastructure which includes well-equipped laboratories, contemporary classrooms, and other essential facilities designed to enhance the learning experience.

The institution has established strategic collaborations with prominent technology companies including CISCO and Texas Instruments, enabling students to access industry-relevant training and knowledge resources.

#### Placement Opportunities

According to the latest available data from 2023, DGCT has demonstrated strong placement performance with participation from over 520 recruiters who extended more than 3,236 offers to the BTech and MTech graduating batches. This impressive placement record underscores the institution's commitment to enhancing students' career prospects through industry connections and skill development.

#### Artificial Intelligence and Data Science Program

While specific details about the AI & DS department curriculum are limited in the provided search results, we can note that DGCT offers B.Tech in Artificial Intelligence and Data Science as part of its undergraduate programs. This program would typically focus on:

Foundational concepts in artificial intelligence and machine learning

Data analytics and visualization techniques

Big data processing and management

Neural networks and deep learning

Statistics and mathematical foundations for AI

Programming languages relevant to AI and data science (Python, R, etc.)

Industry applications and case studies

Admission Process for 2025

For students interested in pursuing B.E./B.Tech programs at DGCT, including AI & DS:

The Tamil Nadu Engineering Admission (TNEA) application form for 2025 admissions is scheduled to be released in May 2025

Admission to undergraduate engineering programs is conducted through the centralized TNEA counseling process

For postgraduate programs (M.E./M.Tech), admissions may consider GATE scores, with GATE 2025 results expected to be announced on March 19, 2025

Prospective students should monitor the official TNEA website and DGCT's official website for updates on the application process, eligibility criteria, and important dates.

Infrastructure and Facilities

The physical infrastructure at DGCT includes:

Modern classrooms equipped with technological teaching aids

Specialized laboratories for practical learning

Library resources with academic and reference materials

Computer centers with internet connectivity

Sports facilities for physical activities and recreation

Hostels for residential accommodation (though specific details about accommodation are not provided in the search results)

#### Industry Connections and Collaborations

DGCT has established partnerships with industry leaders to enhance students' learning experiences and employment opportunities. Notable collaborations include associations with CISCO and Texas Instruments, among other organizations. These partnerships likely provide students with opportunities for internships, industry projects, workshops, and guest lectures from industry professionals.

#### Contact Information

For inquiries regarding DGCT and its programs, the following contact details are available:

Location: Opposite Salem Airport, Sikkanampatty (po), Omalur (Tk), Salem, Tamil Nadu

General Inquiry Phone: 9500000651

Email: [principal@dgct.ac.in](mailto:principal@dgct.ac.in)

Official Website: [www.dhirajcollege.org](http://www.dhirajcollege.org)[1]

#### Dhirajlal Gandhi College of Technology (DGCT): A Comprehensive Profile

Dhirajlal Gandhi College of Technology (DGCT) is an engineering institution located in Salem, Tamil Nadu. Based on the available information from the college website, this report details the college's facilities, academic departments, placement opportunities, and student experiences to provide a comprehensive overview of the institution.



## Basic Information and Contact Details

DGCT is strategically located opposite to Salem Airport in Sikkanampatty, Omalur Taluk, Salem - 636 309, making it accessible to students from various regions. The college operates between 9:00 AM and 5:00 PM daily, providing a standard schedule for academic activities. For inquiries, the institution can be contacted through multiple channels including the office contact (04290-233333), admission helplines (+91 9500000651, +91 9489900130), or via email at [principal@dgct.ac.in](mailto:principal@dgct.ac.in) and [office@dgct.ac.in](mailto:office@dgct.ac.in).

## Academic Departments and Programs

The college offers engineering education across multiple disciplines, with dedicated departments that cater to various engineering specializations:

### Department of Civil Engineering

The Civil Engineering department at DGCT provides comprehensive education with advanced testing facilities that prepare students for professional environments. Students gain practical experience through these facilities, which has proven valuable for alumni in their professional careers. The department emphasizes practical training alongside theoretical learning, helping students develop industry-relevant skills.

### Department of Electronics and Communication Engineering (ECE)

The ECE department has established itself as a reputable academic unit with strong records in both academics and placements. It offers facilities and faculty support that create a positive learning environment for students. The department provides practical-based training to groom students for their careers and helps them secure placements in companies like Tescorve and TCS.

### Department of Computer Science Engineering (CSE)

The CSE department focuses on providing students with industry-relevant skills and technologies. It monitors industry requirements and tailors its training accordingly, contributing to students' career development. The department has successfully placed students in leading technology companies like DXC Technology and Accenture.

## Department of Mechanical Engineering

The Mechanical Engineering department emphasizes critical thinking, aesthetic design, and practical application of engineering principles. It has helped students secure positions in companies like Ashok Leyland and BYJU'S, demonstrating its effectiveness in preparing students for the industry.

## College Leadership and Management

The college leadership plays a vital role in its functioning and development. The Chairman is mentioned as an inspirational figure who has dedicated his life to education and the improvement of rural students. Mrs. Archana ManojKumar serves as the Secretary and is acknowledged for supporting students in balancing their academic pursuits and personal passions. Together, they are described as the "backbones of this institution" by students.

## Placement Opportunities and Achievements

DGCT proudly advertises "Best Placements in 8 Consecutive Years," indicating a strong focus on career outcomes for students. The college has a dedicated Training & Placement cell that provides platforms for students to enhance their skills and showcase their talents to potential employers.

## Notable Placement Companies

Students from DGCT have secured positions in numerous reputable organizations including:

Tessolve

Tata Consultancy Services (TCS)

HCL Technologies

DXC Technology (formerly HP Enterprises)

Infosys

Accenture

BYJU'S - The Learning App

Hettich

Ashok Leyland

Tamil Nadu Highway Department

Placement Preparation

The college organizes various training initiatives to prepare students for placements, including:

Technical development lectures

Interview skills training

Communication skills enhancement

Life skills development

Time management training

Campus Infrastructure and Facilities

The college boasts of infrastructure that creates a pleasant learning environment for students. Based on student testimonials, the campus includes:

## Academic Infrastructure

Well-equipped laboratories for practical learning

A comprehensive library with a wide range of books related to engineering disciplines

Additional resources for competitive examinations

Testing facilities, particularly noted in the Civil Engineering department

The infrastructure is designed to support both academic learning and skill development, creating an environment where students can explore and engage with their chosen fields of study.

## College Culture and Philosophy

DGCT emphasizes a holistic approach to engineering education, captured in its motto: "DO ENGINEERING AND ENJOY ENGINEERING". This philosophy is reflected in the college's approach to education, which combines academic rigor with opportunities for personal growth and skill development.

## Student Experience

Students describe DGCT as a place of learning, fun, culture, and life-preaching activities. The college environment is characterized by:

Emotional connection, with students referring to themselves as "DGCTians" and describing the institution as a family

A positive and encouraging learning atmosphere

Opportunities for participation in extracurricular activities

Support for discovering and developing individual talents

A friendly atmosphere between students, faculty, and management

#### Faculty and Teaching Approach

The faculty at DGCT are described as skillful, accomplished, and approachable. They play a crucial role in:

Providing practical-based training to students

Encouraging participation in extracurricular activities

Supporting students' career development

Mentoring students for personal and professional growth

Creating a positive learning environment

The teaching approach appears to balance technical education with soft skills development, preparing students for both professional and personal challenges.

#### Conclusion

Dhirajlal Gandhi College of Technology (DGCT) presents itself as an institution focused on providing quality engineering education with strong emphasis on practical training and placement opportunities. The college has established departments across major engineering disciplines and maintains relationships with various industry partners for student placements.

The institutional culture appears to foster a supportive environment where students can develop both technical and soft skills. While the available information is primarily drawn

from testimonials, these consistently highlight the college's strengths in infrastructure, faculty support, and placement assistance.

For a more comprehensive understanding of DGCT, additional information regarding admission procedures, detailed academic programs, accreditation status, and fee structure would be valuable. Nevertheless, the existing information provides a foundation for understanding the college's approach to engineering education and its value proposition to prospective students.

#### Dhirajlal Gandhi College of Technology (DGCT): A Detailed Institutional Analysis

Dhirajlal Gandhi College of Technology (DGCT) has established itself as an engineering institution focused on comprehensive technical education combined with practical training and industry engagement. The following detailed analysis provides insights into the college's structure, student experiences, and educational approach.

#### Geographical Setting and Accessibility

DGCT is strategically positioned opposite Salem Airport in Sikkanampatty, Omalur Taluk, Salem - 636 309, Tamil Nadu. This location provides convenient access for students from various regions of Tamil Nadu and neighboring states. The college maintains standard operating hours from 9:00 AM to 5:00 PM daily, ensuring consistent academic engagement.

For communication purposes, the institution offers multiple contact channels:

Office Contact: 04290-233333

Admission Helplines: +91 9500000651, +91 9489900130

Email: [principal@dgct.ac.in](mailto:principal@dgct.ac.in), [office@dgct.ac.in](mailto:office@dgct.ac.in)

#### Academic Framework and Departmental Strengths

The college has established several engineering departments, each with distinctive features and achievements that contribute to DGCT's educational profile.

## Civil Engineering Department

The Civil Engineering department provides comprehensive education with industry-relevant practical training. A key strength is the advanced testing facilities that allow students to gain hands-on experience with engineering applications. Lakshman Prasath, now an Assistant Engineer at the Tamil Nadu Highway Department, credits these facilities for his professional success, stating: "I had exposed to all the advanced testing facilities in Civil engineering field while pursuing my degree, which helps me lot now in real field".

Another notable alumnus, Hariseh Kumar V, currently serving as Assistant Manager in Relationship at Talentio Academy, Chennai, highlights the department's role in skill development: "I had utilized the various training and technical sessions organized at Department of Civil Engineering, DGCT due to which I got motivated to become a great and inspired Apti trainer".

The department appears to emphasize both theoretical knowledge and practical application, creating a balanced approach to civil engineering education that prepares students for industry requirements.

## Electronics and Communication Engineering (ECE) Department

The ECE department has built a strong reputation for both academic excellence and successful placements. Current student S. Navin describes it as having "an extinguished record in both academics and placements". The department focuses on practical training and career development, with graduates securing positions at companies like Tessolve, TCS, HCL, and Infosys.

Naga Vaishnavi Nagaraj, a 2019 ECE graduate now working at Infosys, notes that the department was "perfectly tailored based on the needs of the technologically growing society". This indicates a curriculum designed to align with industry trends and technological advancements.

## Computer Science Engineering (CSE) Department

The CSE department emphasizes industry-aligned skill development and has a track record of placing students in prominent technology companies. A 2020 CSE graduate named Sujitha, now working at DXC Technology (formerly HP Enterprises), attributes her success to the department's approach: "The effort taken by my college and faculties for understanding

the requirements and contributing those new technology training/learning has made my carrier today".

M.V. Moulidharan, CSE Student Chairman of 2018-2019 and currently employed at Accenture, credits the department with developing leadership qualities and technical skills: "Our Department HOD Mrs. Narmada Mam and other staffs helped me to bring out my skills and leadership quality". This suggests a holistic educational approach that extends beyond technical training.

### Mechanical Engineering Department

The Mechanical Engineering department focuses on developing critical thinking, design aesthetics, and practical application skills. An unnamed alumnus describes the department's approach: "As a Mechanical Engineer I'm supposed to have the ability to Think critically, Design Aesthetically and Apply them Practically as an appropriate solution to a technical problem. DGCT implanted those skills concretely in me".

Graduates from this department have secured positions at companies like Ashok Leyland and BYJU'S. Rekha G, a 2016-2020 batch graduate working as a Business Development Trainee at BYJU'S, commends the supportive environment: "The college is composed with lots of good stuffs which made us more comfortable and provide a very good environment for all to learn".

### Institutional Leadership and Governance

The college leadership plays a crucial role in shaping DGCT's educational philosophy and campus culture.

### Chairman's Influence

Though not named explicitly in the available information, the Chairman is described as a visionary dedicated to education and rural student development. S. Navin characterizes him as "a man who has renowned his entire life for the education and the improvement of rural students". Naveena K R further notes that the Chairman demonstrates that "age is just a number for learning", suggesting a lifelong commitment to education.

### Secretary's Role



Mrs. Archana ManojKumar serves as the Secretary and is recognized for her supportive approach to student development. Naga Vaishnavi Nagaraj, an ECE graduate and athlete, specifically credits her for helping "balance both my passion and career". Students consistently identify the Chairman and Secretary as "the backbones of this institution", indicating their central role in college operations and student support.

#### Placement Initiatives and Career Development

DGCT prominently advertises "Best Placements in 8 Consecutive Years", suggesting a sustained focus on employment outcomes for graduates.

#### Placement Training and Preparation

The college implements comprehensive training programs designed to enhance students' employability, including:

Technical development lectures

Interview skills training

Communication skills enhancement

Life skills development

Time management training

One student testimonial emphasizes the effectiveness of this approach: "The placement cell has excellent policies and has exceptionally helped me build an industry-ready profile, by arranging seminars periodically and holding technical-development lectures".

#### Notable Placement Outcomes

Graduates have secured positions across multiple sectors and companies, including:

IT sector: Tessolve, TCS, HCL Technologies, DXC Technology, Infosys, Accenture

Educational technology: BYJU'S - The Learning App

Manufacturing: Hettich, Ashok Leyland

Government: Tamil Nadu Highway Department

Parents also recognize the placement achievements, as evidenced by one parent's testimonial: "I appreciate the way the college educate and train the students and they also provide a friendly atmosphere for the students to expose their skills and talents".

#### Campus Facilities and Learning Resources

The college infrastructure appears designed to support both academic and practical learning experiences.

#### Technical Infrastructure

Students specifically mention several key facilities:

Advanced testing facilities for Civil Engineering

Well-equipped laboratories across departments

A comprehensive library with engineering resources

One alumnus notes the self-sufficiency of these facilities: "We never had to go outside our college to take tests related to our projects", indicating adequate technical resources for student projects.

#### Library Resources

The library contains diverse resources beyond engineering textbooks. As one student describes: "Our library contained not only books related to engineering but also had a lot of books for competitive examinations". This suggests support for students pursuing additional qualifications or preparing for competitive examinations.

### Student Experience and Campus Culture

The testimonials consistently highlight a positive and supportive campus environment that extends beyond academics.

### Community and Belonging

Students frequently describe DGCT as more than an educational institution, with expressions like "DGCT is not a word it's an Emotion" and references to being part of the "DGCT family". Naga Vaishnavi Nagaraj specifically mentions the "Emotional connect was the thing that made 'DGCTians' a family", suggesting a strong sense of community.

### Educational Philosophy

The college appears to embrace a holistic approach to engineering education, captured in its motto: "DO ENGINEERING AND ENJOY ENGINEERING". This philosophy is reflected in student testimonials describing DGCT as "a place of learning, fun, culture, and many such life preaching activities".

### Faculty-Student Relationships

Multiple testimonials highlight positive faculty-student interactions, with descriptions of professors as "super amiable" and "skillful, accomplished and friendly". One student notes: "We were in such a friendly atmosphere with staffs and management helped us in our studies, placement and extracurricular activities", indicating an accessible and supportive faculty.

### Conclusion

Dhirajlal Gandhi College of Technology presents itself as an institution focused on comprehensive engineering education with strong emphasis on practical training, industry alignment, and student support. The college has established departments across major engineering disciplines with distinct strengths and maintains relationships with various industry partners for student placements.

The institutional culture fosters a supportive environment where students can develop both technical and soft skills, with leadership that appears personally invested in student outcomes. Faculty members are consistently described as skilled and supportive, contributing to a positive learning environment.

While the testimonials provide valuable insights into the student experience and educational outcomes, a more comprehensive understanding would require additional information about accreditation status, research initiatives, industry collaborations, and curriculum details. Nevertheless, the available information offers substantial insight into DGCT's educational approach and institutional culture.

#### General Information About Dhirajlal Gandhi College of Technology

(DGCT) Establishment: Founded in 2011 by Shri Dhirajlal A. Gandhi, under the aegis of Mukesh & Associates, a leading engineering consultancy firm in India. Located in Salem, Tamil Nadu, opposite Salem Airport, Sikkanampatty P.O., Omalur (Tk), Salem - 636 309. Affiliation and Accreditation: Affiliated with Anna University, Chennai. Approved by the All India Council for Technical Education (AICTE), New Delhi. Accredited by the National Assessment and Accreditation Council (NAAC) with an 'A' grade. Recognized by the University Grants Commission (UGC). Awarded "Platinum Ranking" by the AICTE-CII Survey for being an industry-linked institute. Recognized as "The Most Upcoming Engineering College in South India" by ASSOCHAM in 2016. Vision: To offer quality education in Engineering, Architecture, and Management with industry-oriented research programs. To develop a Centre of Excellence with unique education systems involving eminent educationalists, engineers, and technocrats. To promote continuing education programs meeting industry needs and enable recognized research programs of strategic importance at state, national, and international levels. Mission: To improve the quality of human life through advanced programs in Engineering and Management that are internationally recognized for excellence. To facilitate research incorporating social, economic, and environmental dimensions. Campus Details: Spread across 10.18 acres of land. Features modern infrastructure including labs, Wi-Fi-enabled campus, air-conditioned classrooms, a central library, departmental libraries, and a digital library. Hostel facilities: Boys' hostel capacity of 130 students, Girls' hostel capacity of 70 students; annual hostel fee approximately INR 60,000. Additional amenities: Canteen, medical facilities (on-call ambulance within 1 km), sports facilities (cricket, volleyball, basketball, football grounds), gymnasium, and extracurricular activity spaces. Courses Offered: Undergraduate Programs (B.E./B.Tech): B.E. in Civil Engineering B.E. in Computer Science and Engineering (150 seats) B.E. in Electrical and Electronics Engineering B.E. in Electronics and Communication Engineering B.E. in Mechanical Engineering B.E. in Agricultural Engineering B.E. in Robotics and Automation B.Tech in Information Technology B.Tech in Artificial Intelligence and Data Science (120 seats) Postgraduate

Programs (M.E.): M.E. in Structural Engineering M.E. in Communication Systems M.E. in Computer Science and Engineering M.E. in CAD/CAM Ph.D.: Ph.D. in Computer Science and Engineering  
 Course duration: B.E./B.Tech (4 years), M.E. (2 years). Admission Process: B.E./B.Tech: Admission through Tamil Nadu Engineering Admissions (TNEA) counseling based on 10+2 marks (minimum 45% in Physics, Chemistry, and Mathematics for general category; 40% for reserved categories). Management quota seats available via direct application at the college. M.E.: Admission through GATE or TANCET scores; management quota based on merit in the qualifying exam. Application Dates: TNEA 2025 application forms expected in May 2025; GATE 2025 exams scheduled for February 1, 2, 15, and 16, 2025. Fee Structure: B.E.: INR 50,000 per year (approx.). B.Tech (AI & DS): INR 2,00,000 (total course fee). M.E.: INR 12,500 per year (approx.). Additional fees may include library fees, one-time charges, etc. Scholarships available for SC/ST students and meritorious candidates; loan facilities supported. Placements: Placement cell ensures 100% placement assistance. In 2023, over 520 recruiters participated, offering 3,236 job offers. Highest package: INR 30 LPA (2023); average package: 3-6 LPA (yet to be officially updated for 2023). Top recruiters: Wipro, TCS, Infosys, HCL, Hitachi, Zoho, Renault Nissan, Microsoft, Google, Amazon, EY, KPMG, Tessolve, DXC Technology, etc. Over the last 6 years, hosted 400+ companies, placing around 2,500 students; highest package in this period was INR 12 LPA (2021 batch). Collaborations: Partnerships with CISCO, Texas Instruments, Steps Knowledge Services Pvt. Ltd., Aerospace Engineers Pvt. Ltd., Amrita Vishwa Vidyapeetham, and others for training, industrial visits, and research. Contact Information: Office: 04290-233333 Admission: +91 9500000651, +91 9489900130 Email: principal@dgct.ac.in, office@dgct.ac.in College Hours: 9:00 AM - 5:00 PM

**Artificial Intelligence and Data Science (AI & DS) Department Details**  
**Program Overview:** Course: B.Tech in Artificial Intelligence and Data Science. Duration: 4 years. Intake: 120 students. Total Fee: INR 2,00,000. Introduced to meet the growing demand for professionals skilled in AI, machine learning, and data analytics. Eligibility: Candidates must have passed 10+2 (HSC) with at least 45% aggregate in Physics, Chemistry, and Mathematics (40% for reserved categories). Must qualify through TNEA counseling based on 10+2 marks. Tamil Nadu natives or children of Central Government employees serving in Tamil Nadu for 5+ years are eligible; nativity certificate required for out-of-state schooling. Curriculum Focus: Core Subjects: Programming (Python, Java), Data Structures, Algorithms, Machine Learning, Deep Learning, Artificial Intelligence, Data Science, Big Data Analytics, Cloud Computing, IoT, Database Management Systems, Statistics, and Probability. Practical Skills: Emphasis on hands-on training in AI tools (TensorFlow, PyTorch), data visualization (Tableau, Power BI), and real-world problem-solving. Electives: May include Neural Networks, Natural Language Processing (NLP), Computer Vision, Robotics, and Ethical AI. Projects: Final-year projects often involve industry-relevant applications like predictive analytics, smart systems, or automation. Department Vision: To cultivate globally competent, employable, and disciplined computing professionals with a focus on AI and Data Science. To bridge the gap between academia, industry, and society through cutting-edge technology education. Department Mission: To equip students

with fundamental and advanced skills in AI and DS for leadership roles in tech industries. To foster innovation through practical training, research, and industry collaboration. Faculty: Led by experienced professionals like Dr. J. Vijayanthimala, Assistant Professor & Head of the IT Department (overlapping responsibilities with AI & DS due to related fields). Faculty expertise includes Image Processing, Pattern Recognition, Machine Learning, IoT, and AI. Most faculty hold Ph.D.s and are involved in research; supportive and skilled in practical training. Infrastructure: Dedicated labs: Robotics Lab, Tessolve Lab, NI Lab, and AI-specific computing facilities with high-performance GPUs. Software Access: Licensed tools like MATLAB, R, Python libraries, and cloud platforms. Wi-Fi-enabled campus with departmental library containing books on AI, DS, and related fields by foreign authors. Placements: Strong placement record with 60-70% placement rate for AI & DS students. Top recruiters: Infosys, TCS, Wipro, Zoho, DXC Technology, Tessolve, Amazon, Google (alumni network), etc. Roles offered: Data Scientist, AI Engineer, Machine Learning Engineer, Data Analyst. Highest package in tech roles: Up to INR 19 LPA; average: INR 5-6 LPA. Research and Publications: Faculty and students contribute to journals and conferences (e.g., Springer, Elsevier). Notable works: "Foundations of Data Science" (2023) and "Artificial Intelligence and Machine Learning" (2023) by Dr. J. Vijayanthimala, published by Sri Krishna Publications. Research areas: AI applications in agriculture, environmental analytics, and smart systems. Industry Collaboration: Tie-ups with Texas Instruments and CISCO for AI hardware and networking training. Industrial visits and guest lectures from industry experts to identify academia-industry gaps. Student Activities: Workshops and hackathons on AI, ML, and DS topics. Participation in national-level tech fests and coding competitions. Student testimonials highlight practical training and placement support (e.g., Sujitha, 2020 batch, now at DXC Technology). Achievements: Alumni in top firms like Infosys and Tessolve attribute success to AI & DS training at DGCT. Department contributes to the college's "Platinum" ranking for industry linkage. Additional Data for Chatbot FAQs for Chatbot: Q: What is the fee for B.Tech AI & DS?

A: The total fee is INR 2,00,000 for 4 years. Q: How do I apply for AI & DS at DGCT?

A: Apply through TNEA counseling based on your 10+2 marks. Visit [tneaonline.org](https://tneaonline.org) in May 2025 for the next cycle. Q: What are the placement prospects for AI & DS?

A: Around 60-70% of students get placed with an average package of INR 5-6 LPA and highest up to INR 19 LPA. Q: What facilities does the AI & DS department offer?

A: Dedicated labs, high-performance computing, software tools, and a supportive faculty with industry tie-ups. Key Dates (2025): TNEA Application: May 2025 (tentative). GATE 2025 Exam: February 1, 2, 15, 16 (for M.E. aspirants). Academic Year Start: Typically July/August. Student Reviews: "The AI & DS department provided me with practical skills that landed me a job at Infosys." – Naga Vaishnavi (2019 batch). "Faculty support and lab facilities are top-notch." – Sujitha (2020 batch). Bot-Friendly Keywords: AI, Data Science, B.Tech, DGCT, Salem, TNEA, placements, fees, admission, labs, faculty, industry, research. This dataset

should suffice for creating a chatbot tailored to DGCT's AI & DS department. You can input this into a bot creation platform (e.g., Dialogflow, Botpress, or Chatfuel), structuring it into intents (e.g., "Admissions," "Fees," "Placements," "Facilities") and responses. Let me know if you need help refining it further or integrating it into a specific platform!

#### Academic Reputation

Dhirajlal Gandhi College of Technology has consistently focused on academic excellence, skill development, and holistic education. The college is dedicated to training students with the necessary technical and professional skills while fostering creativity, leadership, and innovation. DGCT has a history of strong academic performance, with many students securing top positions in university examinations and placement opportunities in reputed companies.

#### **4<sup>th</sup> Year for AI&DS Student List (Name & Register Number)**

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1. AABITH N - 610521243001
2. ABISHEK G - 610521243002
3. ABITH VARSHAN S - 610521243003
4. ARUNKARTHICK S - 610521243004
5. ASHWATHY A - 610521243005
6. BASEETHA S M - 610521243006
7. DHANARAJ S - 610521243007
8. DHANISHWAR B - 610521243008
9. DHANUSH S - 610521243009
10. GOKUL D - 610521243010
11. GOKULAVANI K - 610521243011
12. GOPI S - 610521243012
13. GOWTHAM M - 610521243013
14. GUNASEELAN A M - 610521243014
15. HARINESH MA A - 610521243015
16. ISAINDHINIYA M - 610521243016
17. JEEVITHA M - 610521243017

18. KARTHIKEYAN S - 610521243018
19. KESHORE S - 610521243019
20. LENIN KUMAR R - 610521243020
21. LINGARASAN G V - 610521243021
22. LOGANATHAN V - 610521243022
23. MANOJ KUMAR S - 610521243023
24. MANUSRI V - 610521243024
25. MEHALA K - 610521243025
26. MITHUNMANOJ K - 610521243026
27. MOGANAVEL V - 610521243027
28. MONISHA C - 610521243028
29. MURSITHROSAN S - 610521243029
30. NANDHA KUMAR V - 610521243030
31. POOVARASAN M - 610521243032
32. PRAKASIKA K - 610521243033
33. RAMYA K - 610521243034
34. RUBAN CHAKRAVARTHI A - 610521243035
35. SATHISHKUMAR J S - 610521243036
36. SHARMILA S - 610521243037
37. SHYAM SANKAR B - 610521243038
38. SIVAPRIYA P - 610521243039
39. SNEKA T - 610521243040
40. SUBANETHA G - 610521243041
41. SURIYA PRABHU R - 610521243042
42. SUVAATHII E - 610521243043
43. SWETHA R - 610521243044
44. THARUN A - 610521243045
45. THOWFIQ S - 610521243046



46. VEDHA VIDHYA S L - 610521243047

47. VITHYA D - 610521243048

48. ARUNRAJ S - 610521243301

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(This list includes all 48 students)

Chairman for AI&DS or Artificial Intelligence and datascience **Moganaivel V**

Secretary **M.A Harineth**

Tersure **Arunkarthick**

Mr. V. Gnanasekar, HOD/AI&DSSpecialization: Database Design and Management, Data Structures, AI&ML, Data Science

Ms. S. Maheswari, AP/AI&DSSpecialization: Deep Learning, Big Data Analytics, Soft Computing, Data Structures

Mr. R. Suganeswaran, AP/AI&DSSpecialization: Artificial Intelligence, Network Security, Data Science, Cyber Security

Ms. K. SriSathiya, AP/AI&DSSpecialization: Machine Learning, Web Development, Database Design

Ms. G. Geetha, AP/AI&DSSpecialization: Data Science, Artificial Intelligence, Data Analytics

Placements details for AI&DS or Artificial Intelligence and datascience 2025

Total students placed = 0

Total companies come = 0

Contact Us

Dhirajlal Gandhi College of Technology

TNEA Code : 2345

Opposite Salem Airport, Sikkanampatty (po),

Omair (Tk), Salem - 636 309.

Office Contact : 04290-233333

Admission Contact : +91 9500000651,+91 9489900130

Mail : principal@dgct.ac.in, office@dgct.ac.in

College Hours : 9:00am - 5:00pm

Over the past five years, Dhirajlal Gandhi College of Technology (DGCT) has demonstrated a consistent improvement in its placement statistics. Here's an overview of the placement data:

#### **Placement Statistics (2019-2023):**

<b>Academic Year</b>	<b>Students Placed</b>	<b>Highest Package Offered</b>
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2019-2020	440	₹12 LPA
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2020-2021	Data not specified	Data not specified
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2021-2022	Data not specified	₹12 LPA
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2022-2023	Data not specified	₹30 LPA
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*Note: Data for the academic years 2020-2021 and 2021-2022 regarding the number of students placed is not specified in the available sources.*

#### **Top Recruiters:**

DGCT has attracted numerous reputable companies over the years. Some of the prominent recruiters include:

- **Accenture**
- **Tata Consultancy Services (TCS)**
- **Cognizant Technology Solutions**
- **Wipro Technologies**
- **Infosys**
- **Hitachi**
- **Zoho**
- **Renault Nissan**

The college's dedicated placement cell has been instrumental in facilitating these opportunities, ensuring students are well-prepared to meet industry standards.

For the most comprehensive and up-to-date placement data, it's advisable to consult the official DGCT website or contact their placement cell directly.

#### About Faculty

S.No	Faculty Name	Qualification	Designation	Extension No
1.	Mrs. Archana Manojkumar	M.E.,	Secretary / Associate Professor	305
2.	Ms.B.Narmada	M.E.,(Ph.D).,	HOD/CSE	422
3.	Dr.J.Parthasarathy	M.E.,Ph.D.,	Associate Professor	---
4.	Dr.T.GnanaPrakasam	M.E.,Ph.D.,	Associate Professor	---
5.	Dr.J.Vaijayanthimala	M.E.,Ph.D.,	Assistant Professor	422
6.	Mr.B.Arunkumar	M.E.,	Assistant Professor	358
7.	Ms.H.Swathi	M.E.,(Ph.D).,	Assistant Professor	358
8.	Mr.S.Sankar	M.E.,MBA.,	Assistant Professor	385
9.	Ms.P.Vimala	M.E.,	Assistant Professor	358
10.	Ms.R.Poovarasi	M.E.,	Assistant Professor	384
11.	Ms.V.Amirtha preeya	M.E.,	Assistant Professor	358
12.	Ms.M.Parameswari	M.Tech.,	Assistant Professor	384
13.	Ms.M.Kavitha	M.E.,	Assistant Professor	358
14.	Ms.L.Sindhu	M.E.,	Assistant Professor	358
15.	Ms.J.Maheswari	M.E.,	Assistant Professor	358
16.	Mrs. M.Sasikala	M.E.,	Assistant Professor	384
17.	Ms.P.Sudhapriya	M.E.,	Assistant Professor	384
18.	Mrs.N.Radha	M.E.,	Assistant Professor	384
19.	Mr.P.Ganeshan	M.E.,	Assistant Professor	384
20.	Ms.M.Kiruthika	M.E.,	Assistant Professor	384
21.	Mr.S.Vijayakumar	M.E.,	Assistant Professor	384
22.	Ms.S.Dharanya	M.E.,	Assistant Professor	384
23.	Ms.P.Prabhavathi	M.E.,	Assistant Professor	384

24.	Ms.K.Sivasankari	M.E., Assistant Professor	384
25.	Ms.V.Priya	M.E., Assistant Professor	384
26.	Mr.N.Amsaveni	M.E., Assistant Professor	384
27.	Ms.A.Reka	M.E., Assistant Professor	384
28.	Ms.V.Vinodhini	M.E., Assistant Professor	384
29.	M.Divya Roshini	M.E Assistant Professor	---
30.	P.HemaPriyanka	B.E Assistant Professor	

DGCT About Labs or laboratory

COMPUTER GRAPHICS LABORATORY

GRID & CLOUD COMPUTING LABORATORY

PROGRAMMING & DATASTRUCTURES LABORATORY

OPERATING SYSTEMS LABORATORY

DATABASE MANAGEMENT SYSTEMS LABORATORY

PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY

NETWORKS & SECURITY LABORATORY

OBJECT ORIENTED PROGRAMMING LABORATORY

COMPILER LABORATORY

MOBILE APPLICATION LABORATORY

Vision

To improve the quality of human life through multi-disciplinary programs in Engineering, architecture and management that are internationally recognized and would facilitate research work to incorporate social economical and environmental development.

Mission

To create a vibrant atmosphere that creates competent engineers, innovators, scientists, entrepreneurs , academicians and thinkers of tomorrow.

To establish centers of excellence that provides sustainable solutions to industry and society.

To enhance capability through various value added programs so as to meet the challenges of dynamically changing global needs.

Dhirajlal Gandhi College of Technology (DGCT) was established in the year 2011 with a mission of creating conducive learning environment, where the students can explore new frontiers and expand their horizons enriched with professional ethics, values and can enhance their knowledge to participate in the challenges of advanced engineering fields and can make them as a good professional.

The Institution has one of the best infrastructure facilities for an engineering college which facilitates the wholesome growth of students. DGCT boasts of 10.18 acres of lush green campus on Salem-Bangalore highway, near the Salem Airport providing the right ambience for students to pursue high level of technical education. The calm, serene and tranquil environment invigorates the mind and provide peaceful learning environment.

The infrastructural facilities are the means for Academic Excellence, Research, and Entrepreneurship development and learning advanced technologies. It has always been one of the significant advantages of the institution. The college is approved by AICTE and is affiliated to Anna University, Chennai. DGCT received Nil Deficiency Report (NDR) for the past five years from the Anna University and AICTE since its inception.

About Dean – Research

### **Dhirajlal Gandhi College of Technology, Salem: A Comprehensive Overview**

Dhirajlal Gandhi College of Technology (DGCT), situated in Salem, Tamil Nadu, stands as a private engineering institution established in the year 2011 <sup>1</sup>. The college operates under the affiliation of Anna University, Chennai <sup>1</sup>, a prominent technological university in the state. This affiliation ensures that the academic curriculum and examination standards align with those prescribed by Anna University, providing students with degrees that hold recognized value.

The college has secured the approval of the All India Council for Technical Education (AICTE) <sup>1</sup>, which is the statutory body overseeing technical education in India. This approval underscores DGCT's commitment to maintaining fundamental standards in its infrastructure and faculty. Additionally, DGCT has been accredited by the National Assessment and Accreditation Council (NAAC). While some sources indicate an 'A' grade <sup>3</sup>, others mention a 'B+' grade with a score of 2.6 <sup>3</sup>. This discrepancy suggests a need for verification to ascertain the most current accreditation status. Furthermore, the college is recognized by the University Grants Commission (UGC) <sup>8</sup>, enabling it to confer degrees that are acknowledged across the nation. A notable achievement for DGCT is receiving a Nil Deficiency Report (NDR) from both Anna University and AICTE for the five years following its inception <sup>3</sup>. This

consistent compliance with the norms set by these regulatory bodies speaks to the college's operational efficiency and dedication to quality.

The institution's vision is centered on nurturing future innovators, competent engineers, scientists, entrepreneurs, academicians, and thinkers <sup>7</sup>. Its mission emphasizes the provision of high-quality instruction, comprehensive skill development, and a holistic educational experience <sup>5</sup>. The college is committed to equipping students with the essential technical and professional skills while simultaneously fostering creativity, leadership qualities, and a spirit of innovation <sup>5</sup>. Beyond individual student development, DGCT aims to contribute to society by improving the quality of human life through its multidisciplinary programs and by facilitating research that addresses socio-economic and environmental challenges <sup>7</sup>.

Located opposite Salem Airport in Sikkanampatty, Omalur TK, Salem, Tamil Nadu, with the postal code 636309 <sup>1</sup>, Dhirajlal Gandhi College of Technology can be contacted at 04290-233333 or 04290-2330000 for general inquiries <sup>1</sup>. For admission-related queries, prospective students can reach out at +91 9500000651 or +91 9489900130 <sup>12</sup>. The college also provides email addresses for various purposes: principal@dgct.ac.in and office@dgct.ac.in for general correspondence <sup>9</sup>, and admissions@dgct.ac.in for admission inquiries <sup>14</sup>. Further details and information can be found on the official college website: <https://www.dgct.ac.in/> <sup>1</sup>.

DGCT offers a diverse range of academic programs at the undergraduate and postgraduate levels, catering to various engineering disciplines. The undergraduate offerings include Bachelor of Engineering (B.E.) and Bachelor of Technology (B.Tech) degrees. The B.E. program encompasses specializations in Civil Engineering, Computer Science and Engineering, Electrical and Electronics Engineering, Electronics & Communication Engineering, Mechanical Engineering, Agriculture Technology/Engineering, and Robotics and Automation Engineering <sup>3</sup>. The B.Tech program offers degrees in Artificial Intelligence and Data Science, and Information Technology <sup>3</sup>. Recognizing the needs of diploma holders, the college also provides B.E. programs through lateral entry in Civil Engineering, Computer Science And Engineering, Electrical And Electronics Engineering, Electronics & Communication Engineering, Mechanical Engineering, and Agriculture Technology <sup>3</sup>, allowing them to directly enter the second year of the program. The typical duration for these undergraduate programs is four years <sup>1</sup>, while lateral entry programs are completed in three years <sup>3</sup>. This extensive selection of undergraduate programs reflects the college's strong emphasis on engineering education, with the inclusion of emerging fields like AI&DS and Robotics demonstrating its responsiveness to current technological advancements.

At the postgraduate level, DGCT offers Master of Engineering (M.E.) programs in several specialized areas, including Structural Engineering, Communication Systems, Computer Science and Engineering, and CAD/CAM <sup>3</sup>. While one source mentions VLSI Design <sup>5</sup>, its consistent presence across other materials requires further verification. Similarly, Power Electronics and Drives was mentioned in the context of another college's faculty <sup>19</sup>, indicating a likely error in the snippet's association. These postgraduate programs typically

span two years <sup>1</sup>, providing advanced knowledge and skills in these core engineering disciplines. Recognizing the importance of research and advanced studies, DGCT also offers a Doctor of Philosophy (Ph.D.) program in Computer Science and Engineering <sup>3</sup>, which is a full-time program lasting for three years <sup>3</sup>. The presence of this doctoral program signifies the department's research focus and the availability of qualified faculty to guide research scholars.

For admission to the B.E./B.Tech programs, candidates generally need to have passed their 10+2 examination with Physics, Chemistry, and Mathematics, securing a minimum of 50% aggregate marks <sup>3</sup>. However, some sources indicate variations in this criterion, such as 45% for the general category <sup>8</sup> or for reserved categories <sup>10</sup>, and specific percentages for different backward classes (BC - 45%, MBC - 40%, SC/ST - 40%) <sup>3</sup>. For lateral entry into B.E./B.Tech programs, a diploma with 50% marks <sup>3</sup> or a B.Sc. in Mathematics with 50% aggregate marks is typically required <sup>3</sup>. Admission to the M.E. programs usually necessitates a B.E./B.Tech degree in a relevant field with a minimum of 50% marks <sup>3</sup>. For the Ph.D. program, the basic eligibility is a postgraduate degree <sup>3</sup>. These eligibility criteria are generally in line with the standards for engineering programs in India, with specific relaxations often provided for candidates belonging to reserved categories.

The admission process at Dhirajlal Gandhi College of Technology primarily takes place online through the official college website <sup>4</sup>. While some sources mention the option of downloading the application form <sup>3</sup>, the online mode appears to be the prevalent method. Prospective students typically need to visit the college's official website <sup>4</sup>, navigate to the 'Admissions' section or a specific link for the current admission year (e.g., 'Admissions 2024/2025') <sup>4</sup>, select their desired course <sup>1</sup>, fill in the online application form with accurate details <sup>4</sup>, and then submit it electronically <sup>8</sup>. For admission to B.E./B.Tech programs, candidates might be required to register for and participate in the Tamil Nadu Engineering Admissions (TNEA) counselling process <sup>3</sup>. Similarly, for M.E. admissions, candidates might need to appear for the Tamil Nadu Common Entrance Test (TANCET) or the Graduate Aptitude Test in Engineering (GATE) and then participate in the TANCA counselling <sup>3</sup>. Candidates who are shortlisted based on their entrance exam scores or merit in their qualifying examinations are usually called for a document verification process followed by the payment of the required fees to secure their admission <sup>4</sup>.

Admissions are generally open for all courses for the academic year 2025 <sup>1</sup>. Specific application dates for the previous year (2024) provide a general timeline, with B.E./B.Tech applications often accepted from May to June and M.E. applications from April to May <sup>3</sup>. It is advisable for prospective students to check the official college website for the most up-to-date information regarding application deadlines and important dates for the current admission cycle. The TNEA 2025 application window is tentatively expected to be open during May-June 2025 <sup>8</sup>. For B.E./B.Tech admissions, the primary entrance exam accepted is TNEA <sup>3</sup>. For postgraduate M.E. programs, the college considers scores from TANCET <sup>3</sup> and

GATE <sup>3</sup>. Candidates with a valid GATE score often receive preference during the admission process for M.E. programs <sup>10</sup>. Additionally, the Common Engineering Entrance Test and Admission (CEETA) is also listed as an accepted entrance exam <sup>8</sup>. DGCT also offers admissions through a management quota, where candidates are not required to register for TNEA or TANCA counselling. Admission under this quota is based on the merit of the marks obtained in the candidate's last qualifying examination <sup>20</sup>. This dual pathway for admissions provides flexibility for both merit-based and management-driven student intake.

The fee structure at Dhirajlal Gandhi College of Technology varies depending on the program. The total fees for the B.E./B.Tech programs are approximately ₹2.2 Lakhs <sup>3</sup>, while the B.E. {Lateral} programs have a total fee of around ₹1.65 Lakhs <sup>3</sup>. The Master of Engineering (M.E.) programs have a total fee of about ₹60,000 <sup>3</sup>. However, it is important to note that student reviews suggest potential variations in these figures based on the specific course and the admission quota. For instance, one review mentions an annual fee of ₹1.5 Lakhs which includes both academic and hostel/mess charges <sup>22</sup>, another indicates an annual course fee of ₹86,000 <sup>10</sup>, and a management quota fee of ₹75,000 for a particular department <sup>17</sup>. Given these variations, prospective students are advised to consult the official college website for the most accurate and program-specific fee details.

To support students financially, DGCT offers a range of scholarships <sup>7</sup>. These include the FG Scholarship, the 7.5% Scholarship (likely for government quota students), the SC/ST Scholarship, and the Sports Scholarship, with specific contact persons provided for each <sup>14</sup>. The college also offers merit-based scholarships that consider scores in national and state-level competitive examinations as well as the college's own entrance tests <sup>7</sup>. Eligible candidates with exceptional academic records and extracurricular achievements may be awarded scholarships covering up to 100% of the fees <sup>7</sup>. Additionally, a student review mentions the provision of fee reductions for high-achieving students <sup>23</sup>. This commitment to offering various scholarship opportunities suggests the college's aim to make quality technical education accessible to a wider range of deserving students.

Dhirajlal Gandhi College of Technology places significant emphasis on the career prospects of its students, facilitated by a dedicated Training and Placements Cell <sup>4</sup>. The primary goal of this cell is to provide eligible students with ample employment opportunities in reputable organizations, ensuring comprehensive placement assistance <sup>10</sup>. The college proudly proclaims a record of "Best Placements in 8 Consecutive Years" <sup>12</sup>, highlighting its consistent performance in this crucial aspect.

Looking at recent placement statistics, during the placement year 2023, over 176 graduates secured job offers <sup>4</sup>, with the highest salary package reaching an impressive ₹30 LPA <sup>4</sup>. This marks a significant increase from the placement year 2022, where the highest package stood at ₹12 LPA <sup>4</sup>. Data from the placement year 2019 indicates that 384 students were placed, resulting in over 401 job offers, with the participation of more than 75 companies. The highest package offered during this year was ₹12 LPA, and the average package was ₹3.5 LPA



<sup>3</sup>. Placement data for the year 2020 is available in a tabular format <sup>27</sup>. Furthermore, a consolidated table summarizing placement details for the academic years 2015-2020 provides a broader perspective on the college's placement trends <sup>25</sup>. This historical data reveals a consistent effort in placing a significant percentage of eligible students over the years.

DGCT has attracted a diverse range of prominent companies for recruitment. These include major IT services and consulting firms such as Infosys, Wipro, TCS, IBM, and Accenture <sup>1</sup>, along with Capgemini, HCLTech, Tech Mahindra, Sutherland, and Mphasis <sup>29</sup>. Other notable recruiters include Byju's, Tessolve, Hitachi, Amazon, Cognizant, Renault Nissan, and Zoho <sup>4</sup>, as well as core engineering companies like Renold, Weld craft, E-Zest, Alpha Associates, Deccan, Globe Components, and Info View <sup>3</sup>. Additionally, companies such as Polaris, ASEC, Aricent, Sodexo, Maargo, Face, Omega, Tent Software, and Coramander Electronics have also recruited from the campus <sup>25</sup>. This wide spectrum of recruiting companies across various sectors underscores the college's strong industry connections and the employability of its graduates.

To ensure students are well-prepared for these placement opportunities, the college's Placement & Training section likely offers various training programs <sup>12</sup>. These programs are designed to enhance students' aptitude and communication skills <sup>23</sup>. DGCT has also established Memorandums of Understanding (MoUs) with external training companies such as CTF, SMART Resources Pvt Ltd, Talent sprint, and Ethnus <sup>25</sup>. These collaborations aim to further develop students' aptitude, technical proficiency, and essential soft skills, ultimately increasing their confidence and employability in the competitive job market.

The academic strength of Dhirajlal Gandhi College of Technology is significantly bolstered by its dedicated faculty. The college boasts a total of 107 faculty members <sup>4</sup>. These educators are consistently described as skillful, accomplished, friendly, helpful, experienced, well-qualified, and knowledgeable, with a significant number holding advanced degrees such as M.E. and Ph.D<sup>3</sup>.. Student reviews frequently highlight the supportive nature of the faculty and their commitment to providing practical-based training and effective career guidance <sup>12</sup>. This positive feedback from students underscores the strong academic environment fostered at DGCT.

The college is organized into distinct academic departments, offering a structured approach to engineering education. At the undergraduate level, these departments include Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, Artificial Intelligence and Data Science, Agricultural Engineering, Information Technology, Robotics and Automation, and Science & Humanities <sup>3</sup>. The postgraduate programs are housed within departments specializing in Structural Engineering, Computer Science and Engineering, Communication Systems, and CAD/CAM <sup>3</sup>. Leading these departments are key faculty members who hold significant academic and administrative roles. Dr.A.Selvaraj serves as the

Director of the college <sup>3</sup>. Dr.S.Venkatesh holds the position of Vice Principal and also heads the Department of Electronics and Communication Engineering <sup>3</sup>. The Dean of Academics is Dr.M.Sumathi, also from the Department of Electronics and Communication Engineering <sup>3</sup>. Student affairs are overseen by Dr.N.Thillaikarasi, an Assistant Professor serving as the Dean - Student Affairs <sup>3</sup>. The Placement Director is Dr.J.Parthasarathy, who is also an Associate Professor <sup>3</sup>. The Department of Mechanical Engineering is headed by Professor Dr.P.Senthilkumar <sup>3</sup>, while the Department of Electrical and Electronics Engineering is led by Professor Dr.S.Rajendran <sup>3</sup>. The Department of Civil Engineering is headed by Professor Mr.G.Silambarasan <sup>3</sup>, and the Department of Computer Science and Engineering is led by Professor Ms.B.Narmada <sup>3</sup>. For the Department of Computer Science and Engineering, a detailed list of faculty members, along with their qualifications and designations, is also available <sup>33</sup>. This clearly defined departmental structure and the presence of experienced faculty leadership contribute to the academic rigor and overall quality of education at DGCT.

Dhirajlal Gandhi College of Technology boasts a robust infrastructure, particularly its well-equipped laboratories that support practical learning across various engineering disciplines <sup>12</sup>. The Department of Civil Engineering features advanced testing facilities <sup>12</sup> and houses specialized laboratories for Computer Aided Building Drawing, Concrete & Highway Engineering, Hydraulic Engineering, Soil Mechanics, Strength of Materials, Surveying, Advanced Structural Engineering, Water and Wastewater Analysis & Laboratory, Advanced Surveying, and Advanced Concrete & Highway Engineering, with detailed equipment lists available for each <sup>34</sup>. The Department of Computer Science Engineering has numerous labs including CISCO, Data Analytics, Data Technology, Multimedia, Network, Open Source, EMC, ORACLE, IOT, Mobile App, and Ideation Laboratories <sup>36</sup>, although specific equipment details are not provided. The Department of Electronics & Communication Engineering is equipped with comprehensive laboratories such as Analog and Digital Circuits, Digital Signal Processing, Communication Systems, Communication Networks, Embedded, Advanced Communication, VLSI, and Microprocessor Laboratories <sup>38</sup>. Additionally, it features advanced industry-supported labs like the NI LabVIEW Academy, eYantra Embedded Systems and Robotics Lab, Texas Instruments (TI) Innovation Lab, Tessolve – Semiconductor Test Engineering Lab, and a Centre for RF and Communication Systems, each with specific advanced equipment <sup>38</sup>. The Department of Electrical and Electronics Engineering offers laboratories in Control & Instrumentation, Power Electronics & Drives, Electrical Machines I & II, Engineering Practice, Renewable Energy, Electrical Simulation, Electronic Devices and Circuits, LED Luminaries Fabrication & Testing, Industrial Drives and Renewable Energy, and Industrial Automation Using PLC <sup>40</sup>. The Mechanical Engineering Department includes laboratories for Computer Aided Design & Manufacturing, Kinematics and Dynamics, Engineering Practices, Mechatronics, Metrology and Measurements, Manufacturing Technology I, Thermal Engineering I & II, Engineering Product Design and Development, Advanced Analysis, and Reverse Engineering, along with sponsored equipment like a Ford Eco Sport car and an Ashok Leyland Engine, and a 3D printer <sup>41</sup>. The Artificial Intelligence &

Data Science Department has dedicated EMC, ORACLE, IOT, and MOBILE APP laboratories <sup>43</sup>, while the Agricultural Engineering Department features Fluid Mechanics, Strength of Materials, Unit Operations in Agricultural Processing, Post-Harvest Technology, and Irrigation Field Laboratories, with equipment lists provided <sup>44</sup>. The Information Technology Department has Python Programming, Database, Operating System, Communication, and Project Labs, equipped with essential computing resources <sup>45</sup>. The Robotics and Automation Department houses laboratories for Problem Solving and Python Programming, Physics and Chemistry, English, Engineering Practices, Basic Electrical, Electronics Engineering and Measurements, Communication, Electrical Drives and Actuators, Robot Modelling and Simulation, Manufacturing Technology, Sensors and Instrumentation, Industrial Automation, Robot Kinematics and Dynamics, and Robotic Vision and Intelligence <sup>12</sup>, although specific equipment details are not listed. The Science & Humanities department has faculty in core subjects but lacks specific details regarding laboratories <sup>12</sup>. This extensive array of laboratories, many with advanced and industry-relevant equipment, underscores the college's commitment to providing students with hands-on practical experience.

Beyond the specialized laboratories, DGCT offers a range of other essential infrastructure facilities. The college library houses a vast collection of books and provides access to e-resources <sup>3</sup>, with over 9500 volumes available <sup>50</sup>. Comfortable hostel facilities are provided for both boys and girls, with generally positive reviews regarding food quality, although some sources mention that only vegetarian options are available <sup>4</sup>. Hygienic canteen and cafeteria services cater to the nutritional needs of students <sup>4</sup>. For sports enthusiasts, the college boasts extensive facilities including cricket grounds, volleyball, basketball, and throwball courts, kabaddi and athletic tracks, as well as an indoor sports complex equipped with a modern gymnasium <sup>4</sup>. Transportation is facilitated through bus services <sup>4</sup>. The college also prioritizes the health and well-being of its students by providing medical facilities at an on-campus health center <sup>4</sup>. The entire campus is Wi-Fi enabled <sup>4</sup>, and classrooms are spacious, well-maintained, and equipped with projectors <sup>4</sup>. An auditorium is available for hosting various events and activities <sup>4</sup>. This comprehensive infrastructure supports a holistic learning environment for the students at DGCT.

Student life at Dhirajlal Gandhi College of Technology is enriched by a variety of extracurricular activities and student-led organizations. The college website's "360° Development" section highlights the presence of numerous student clubs <sup>12</sup>. These include the Sports Club, Music Club, Yoga Club, Entertain to Educate, English Club, Maths Club, Eco-Friendly Club, Photography Club, Eureka Club, Humour Club, Fine Arts Club, Design Club, Story Club, Dance Club, Eat Right Club, Talent Club, Innovation Club, Trekking Club, Hindi Bolo Club, and the GD & Arts Club <sup>50</sup>. Additionally, there are clubs like Tamil Mandram, Jubilant English Club, Women Development Club, and the YRC Club <sup>51</sup>. The existence of this wide array of clubs suggests a vibrant campus culture where students have ample opportunities to pursue their interests and develop skills beyond their academic curriculum.

The college actively encourages student participation in both sports and cultural activities <sup>8</sup>. DGCT organizes various events, workshops, and sessions aimed at improving students' technical and interpersonal skills <sup>12</sup>. The institution also conducts national conferences <sup>27</sup>, and celebrates events like Engineers Day and hosts Tech Meets <sup>50</sup>. The National Service Scheme (NSS) and Youth Red Cross (YRC) units are active in organizing social initiatives such as eye screening camps, voter ID registration drives, and blood donation camps <sup>50</sup>. Sports are given significant importance, with students regularly participating in and winning accolades at various tournaments organized by Anna University and other bodies <sup>26</sup>. While the Placement Cell provides career-related support, specific details regarding other student support services like counseling or dedicated career guidance beyond placements are not prominently featured in the provided information. However, the range of clubs and activities indicates a supportive environment for student development.

Dhirajlal Gandhi College of Technology has garnered several recognitions and achievements. It holds NAAC accreditation, with the grade being reported as both 'A' <sup>3</sup> and 'B++' with a CGPA of 2.81/4 valid until 12 Dec'26 <sup>4</sup>. This discrepancy warrants further investigation to determine the current and accurate accreditation status. The college has consistently received AICTE approval <sup>1</sup>. While NIRF rankings are mentioned for the years 2021 to 2024, the specific ranks attained are not detailed in the available snippets <sup>12</sup>. DGCT has been awarded the title of "The Most Upcoming Engineering College in South India" by ASSOCHAM <sup>3</sup> and recognized as the "Best Emerging Engineering College in India" by The Education post New Delhi and CIAC Global <sup>3</sup>. The college has also achieved "Platinum Ranking" in the CII – AICTE survey for the best industry-linked institute <sup>3</sup>. Furthermore, it has consistently received a Nil Deficiency Report (NDR) from Anna University and AICTE for the past five years <sup>3</sup>. These accolades highlight the college's commitment to quality education and industry engagement.

DGCT has established strong linkages with both academia and industry through numerous Memorandums of Understanding (MoUs), having signed over 75 such agreements with various companies to facilitate technology training <sup>3</sup>. The college also has collaborations with leading technology providers like CISCO and Texas Instruments <sup>8</sup>. Additionally, DGCT holds memberships in several professional bodies and associations, including IESA, ICTACT, CII, MMA, IITPALS, Productivity Council, Livewire, ISTE, IIPE, IETE, IE, ICI, and CSI <sup>3</sup>. These memberships help bridge the gap between academic learning and industry requirements, and also enhance research activities. The institution also operates high-end consultancy service centers in collaboration with its promoters, "Mukesh and Associates" <sup>3</sup>. These collaborations and recognitions underscore DGCT's dedication to providing a relevant and high-quality engineering education.

#### **Contact Information and Address:**

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Official Website: <https://www.dgct.ac.in/>.

In conclusion, Dhirajlal Gandhi College of Technology in Salem presents itself as a well-established private engineering institution affiliated with Anna University. The college offers a comprehensive range of undergraduate and postgraduate programs in various engineering disciplines, along with a Ph.D. program in Computer Science and Engineering. DGCT boasts a strong infrastructure, including numerous specialized laboratories and other essential amenities catering to the academic, residential, and recreational needs of its students. The college has a commendable placement record, with a significant number of students being recruited by reputed companies across various sectors. The faculty is experienced and well-qualified, contributing to a positive academic environment. DGCT also encourages extracurricular activities through various clubs and events, promoting the holistic development of its students. The college has received several awards and recognitions, highlighting its commitment to quality and industry linkages. However, the conflicting information regarding the current NAAC accreditation grade necessitates verification from official sources. Overall, DGCT appears to be a reputable institution for pursuing engineering education in the Salem region.

Dr.A.Selvaraj

Principal & ( Dean - Research )

Having 17 years Teaching Experience and 3 years Industrial Experience.

10 years experience in Research and Consultancy.

Patent Granted (Title : PLATE CAM CUTTING ATTACHMENT).

Engineering Consultant for Indian Army Base Workshops.

Projects done in FEA for USA, UK, Sweden Clients.

Completed Offshore Projects in Germany.

Published 5 International Journals.

Presented Many Papers in International and National Conferences.

Guided More than 50 UG Projects and 20 PG Projects.

Many Projects got Best Awards.

Pursing PhDs

Sl.No

Name of Faculty

Department

1

Mr.G.Silambarasan

CIVIL

2

Ms.M.Archana

CIVIL

3

Mr.N.Vetriselvan

ECE

4

Ms.K.R.Deepa

ECE

5

Ms.N.Sneka

ECE

6

Mr.S.Boopathy

ECE

7

Mr.K.Sarathkumar

ECE

8

Mr.R.Saravanan

EEE

9

Mr.B.Sathyaseelan

EEE

10

Mr.P.Saravanakumar

EEE

11

Ms.R.Manjupriya

EEE

12

Mr.N.Panneerselvam

MECH

13

Mr.V.Vinoth



MECH

14

Mr.M.Sivasankaran

MECH

Doctorates

Sl.NO

Name of the Staff

Department

Title of the Thesis

1

Dr.A.Selvaraj

Mechanical Engineering

Investigation on Cage and Roller Slip of Cylindrical Solid and Hollow Roller Bearings

2

Dr.M.Sumathi

Information and Communication Engineering

Virtual Topology Reconfiguration for Optical WDM MESH Networks

3

Dr.S.Venkatesh

Information and Communication Engineering

Expository Investigation on Performance Analysis of Fixed WIMAX Communication System Using Channels

4

Dr.N.Thillaikarasi

Electrical Engineering

Four Quadrant DC Motor Speed Control using Dual Converter Power Supply system Based on Soft Switching Techniques

5

Dr.P.Senthilkumar

Mechanical Engineering

Theoretical and Experimental Analysis of Frictional Behavior of Piston Ring and Cylinder Liner Pair with Modified Ring Profiles

6

Dr.P.Parandaman

Mechanical Engineering

Experimental Studies on Mechanical Properties and Drilling Behaviour of Natural Fiber Reinforced Hybrid Composites

7

Dr.M.Chandru

Mechanical Engineering

Experimental investigation on machinability performance of carbon nanotubes coated tool during turning of titanium alloy

8

Dr.S.Rajendran

Electrical Engineering

Non-Linear Controller Based Boost DC-AC Inverter for Grid Connected Solar Power Generation

9

Dr.P.Selvakumar

Electrical Engineering

Certain Investigations on Performance of BLDC Motor Using PID Fuzzy Logic and Cascaded Hybrid Controllers

10

Dr.R.Manikandan

Electrical Engineering

An Intelligent Position Controller for Vertical Rotating Single Arm Robot Using BLDC Servo Drive

11

Dr.J.Parthasarathy

Information and Communication Engineering

On Demand Location Aware Replica Management of Application Servers with SLA, QOS and SOA Development

12

Dr.J.Vaijayanthimala

Information and Communication Engineering

A Multimodal Biometric User Authentication Framework Based on Face Recognition and Signature Signals Using Integrated Classification Techniques

13

Dr.D.Rajeswari

Science & Humanities

Physics - Development of Mineralized Hydroxyapatite/ Conducting Polymer Composite Coatings on Electron Beam Treated Surgical Grade Stainless Steel for Orthopedic Applications

14

Dr.S.Sugan

Science and Humanities

Synthesis of Chalcopyrite Ternary Semiconductor Nanomaterials by Chemical Methods and Growth of CuGaS<sub>2</sub> Crystal By CVT Method and Their Characterization

15

Dr.S.Sukumar

Civil Engineering

Civil Engineering

16

Dr.J.Aravind

Civil Engineering

Bio treatment of Tannery Effluents By Tannin Degrading Bacterial Consortium

17

Dr.G.Suresh

Science & Humanities

Mathematics

18

Dr.C.Vinothkumar

Science & Humanities

Mathematics

19

Dr.G.Sivaperumal

Science & Humanities

Chemistry

20

Dr.A.Sasireka

Science & Humanities

Chemistry