



**RWMCT'S**

# **DNYANSHREE**

**INSTITUTE OF ENGINEERING & TECHNOLOGY**  
A/P-SONAWADI-GAJAWADI, SAJJANGAD ROAD, SATARA-415013.

## **DNYANSPARK**

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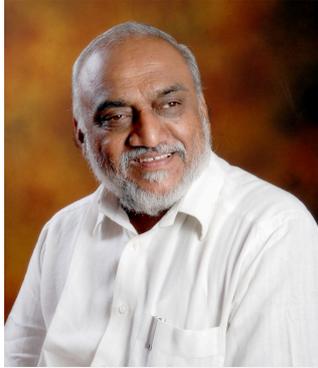
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## Hon. Chairman's Forwards



**Hon. Dnyaneshwar  
B. Wangde**  
(Chairman, DIET,  
Satara.)

### **RWMCT** Vision

- Be a leading contributor for the betterment of the society forever.

### Mission

- To enrich lives of people through creation and development of essential facility majorly in countryside.
- To build sustainable livelihood of the people pertaining to education, skills and health.
- To inculcate values and ethical practices through organisation of various programs, events for enhancing societal responsibility.

It gives me immense pleasure to express my views.

I strongly believe that personality is the true representation of a persons inner thoughts. Visionary thinking, Desire with Devotion, and ethical accomplishment of the life missions are the major attributes of the personality. All these accomplishments should be beneficial to the society at large. I am proud to be a successor of spiritually cultured Wangde family. I am always influenced by honest and painstaking efforts of Late Shri. Raosaheb Bhausaheb Wangde Master and Late Shri. Bapusaheb Ramchandra Wangde towards development of the society. The Raosaheb Wangde Master Charitable Trust (RWMCT) was founded in the year 1994 by taking accountability to enlarge the domains of great efforts of the both inspirations. The RWMCT is providing financial support, disseminating education in remote areas, supporting the orphan students, providing health-related services, and organizing various social events etc. The Bhai Wangde foundation is also equally functioning to fulfil the missions of Wangde family.

In today's emerging scenario, technological education is an important step for the holistic development of students. RWMCT's Dnyanshree Institute of Engineering and Technology (DIET) is one of the real- world ethical accomplishments of the RWMCT. Dnyanshree Institute is continuously developing the students by promoting human values. This is making them the responsible elements of the society. The conducive environment, strategically planned efficient teaching-learning processes, state of the art facilities, constant efforts towards research and skill developments, moral building programs and activities, social activities, sports and cultural activities, industry support, training and placements, etc. are the backbones of then Valued Education imparted at the delightful campus of the College. We always welcome all aspirants to become an ethical and cultured technocrat at Dnyanshree Institute of engineering Technology.

Thank you.



### Hon. MD's Message



**Hon. Mr. Rohit D. Wangde**  
(Managing Director,  
DIET, Satara.)

Feeling good to have interaction with all through this message.

I feel fortunate to be a descendant of the legacy of social contributions and services, pioneered and committed by Honorable Chairman Mr. Bhai Wangde through Raosaheb Wangde Master Charitable Trust and Dnyanshree Institute of Engineering Technology, Satara.

Being Engineer, I trust that true education always empowers everyone to face and solve the complex problems or challenges confidently and obviously engineering education is no exception. The comprehensive education platforms should foster quality education.

The role of an Engineer is very crucial in providing feasible solutions on complex problems arising in the life. Efforts of our Honorable Chairman and his teammates has been resulted into establishment a well-equipped beautiful and green educational campus in the hilly terrain. A motivational example for us for providing solutions over numerous problems while developing campus in such region.

The DIET is developing competent engineers since 2012. The proud achievements of alumni and students of the College are demonstrating through their disciplined behaviors, noteworthy academic, co-curricular, and extra-curricular performances. I am really appreciating them for representing the College at University/ State/National/International level.

Be a part of the Dnyanshree Institute of Engineering and Technology for making the successful career.

Thank you.

### Hon. CEO's Message



**Mrs. Dhanwantari R. Wangde**  
(CEO, DIET, Satara.)

"Give a man a fish; you feed him for a day. Teach a man how to fish; you feed him for a lifetime."

As it is cited above, we prefer not to toil for the momentary pleasure rather we strive hard for permanent treasure. We do not feed the students with mere facts and knowledge instead; we motivate our students to be the source of knowledge themselves. Education is the basis of all progress. It is for this very reason that our Chairman forayed into education, few years ago. He believes that progress is possible only, if men and women are equally well-educated.

Engineering is a vast field that offers infinite specialization. All fields in the modern economy have been invigorated by engineering. Undoubtedly the shape of the modern world has been credited to the advancements in science and technology.

At Dnyanshree Institute of Engineering and Technology we impart education that is based on conscience and we rear a breed of young minds that are bustling with self-confidence, motivation and ever ready to take up challenges. Moreover, discipline, which is a non-negotiable factor in a student life at DIET, inculcates the values of time management and punctuality.

And hence, we are confident that this college is the best place for your child. We welcome your active interest and involvement in the progress and activities of your child. We look forward to your continuous support.

I wish you a very happy and academically rewarding student life at DIET and hope that your good deeds enhance the name and fame of this prestigious institution.

Thank you.

## Principal Message



**Dr. Ajay D. Jadhav**  
(Principal, DIET,  
Satara.)

A warm welcome to you all to a pleasing Campus of the College.

This distinguished campus is a result of the creative thinking and contributions of the Management under the visionary leadership of Hon. Chairman Mr. Dnyaneshwar B. Wangde (Bhai). The campus is situated on the western side of the Satara city. Satara, a historical city, is about 100 km away from Pune city in western Maharashtra.

Imbibing knowledge based skills in ethical manners is always the key to face contemporary Global challenges. The painstaking efforts of the College are nurturing the young aspirants efficiently and with worth education. Strategically devised pedagogical and supporting activities in liaison with esteemed stakeholders are resulting into inking of the various 'Memorandum of Understandings' of the College with renowned educational institutes, industries, social organizations, bodies and clubs etc. Various Industries are sponsoring laboratory set-ups. Teachers and students are continually developing laboratory equipment, kits, trainers, set-ups etc. at the College. The 'E-Yantra' robotics laboratory, Centre of Excellence, and Incubation Center etc. are some of the noteworthy resources at the College. ICT powered teaching and learning through exceptionally well ICT infrastructure of the College helping students to interact with well qualified and experienced faculty impeccably. Such all resources are proving useful to the career development of the students at the College. The College is permanently focusing towards the holistic development of students and shaping them to become a competent engineer. The truthful and genuine efforts of management, Faculty members, Staff, students, alumni, and other stakeholders are justified by the memorable achievements of students and alumni in various domains. I wish every success to all and appeal to experience these endeavours.

Thank you.

## HOD's Message



**Mr. Jaywant B. Jagtap**  
(HOD, Department of  
E&Tc Engineering,  
DIET, Satara.)

As the Vice Principal (Diploma) and Head of the Electronics and Telecommunication Engineering Department (Diploma Wing) at Dnyanshree Institute of Engineering and Technology (DIET) since July 2024, I feel privileged to be a part of the Dnyanshree Parivar, which is dedicated to the development of rural society. Holding a Master of Engineering (ME) in Instrumentation, I bring over 37 years of teaching experience and nine years of administrative expertise.

Our department is supported by a team of experienced as well as, young and dynamic faculty, dedicated staff, and enthusiastic students. We encourage our students to participate in co-curricular and extracurricular activities, technical events, workshops, and sports, helping them enhance their knowledge and skills. We are committed to nurturing teamwork, ethical engineering practices, and a passion for lifelong learning.

We strive to create a vibrant learning environment where students can explore new ideas, engage in hands-on projects, and develop problem-solving abilities. Our teaching-learning process based on the MSBTE curriculum, aims to bridge the gap between academic learning and industry requirements, ensuring that our students are well-prepared for successful careers.

**We Build the Bridge Between Electrons and Technology**

**Think Different ... Think Success ... Think Dnyanshree**

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### About Dnyanshree



Raosahab Wangde Master Charitable Trust’s “Dnyanshree Institute of Engineering & Technology (DIET)”, Sajjangad Road, Satara, a well-known Engineering Institute, was founded in 2012 by great visionary Hon. Chairman Mr. Dnyaneshwar B. Wangde (Bhai).

The Institute is situated at the base of historic fort ‘Sajjangad’ and its campus has recognition for its pollution- free ambience. The surrounding natural landscape increases the beauty of the campus.

The quality technical education has been imparted by creating conducive environment through experienced and qualified faculty members, well administered and strategically planned teaching learning processes, state of the art technical facilities, endeavors for skill developments and most importantly ethical practices has been resulting in overall developments of the students. The outcome of these practices is that ten (10) students are positioned in University merit lists till date.

Dnyanshree Institute integrate upcoming trends and technologies in the teaching learning processes, the institute has been taking number of initiatives such as Project Based Learning, in-house development of Laboratory setups, setting up the Incubation Centre in association with “SAPTAM HILLS”, setting up ‘Centre of Excellence’.

Institute has been signing MoUs with various reputed industries as well as reputed academic institutes for the exchange of the knowledge and skill. In addition to this, setting up Industry as well as the IIT sponsored/ supported laboratories such as ‘ATMEL supported laboratory’, ‘Texas Instruments supported laboratory’, and IIT, Mumbai sponsored ‘E-Yantra laboratory’ have been benefitting the students for their career.

The Institution has also started MHRD and IIT Initiatives like Bodhi Tree, FOSSE, Virtual Lab, SWAYAM, SWAYAM PRABHA, NATS, etc. to actively participate in the national mission.

The students are displaying their talents by actively taking parts in various co-curricular and extra-curricular activities facilitated through spacious auditorium, well equipped Gymkhana, Big sport grounds etc.

The Institute’s painstaking efforts for student’s placements has been demonstrating the success through placements of students in national-multinational Industries. Dnyanshree Institute has been implemented myriad of best practices meticulously and has successfully inculcated the culture of true technical education among the students. Institute has won the ‘Upcoming Technical Educational Institute in Maharashtra’ award, from CMAI, in National Education Award 16 (NEA’16).

### Dnyanshree

#### Vision

To be a renowned Institute for holistic sustainable development of the society

#### Mission

- To increase awareness among rural society about the importance of engineering education.
- To strengthen eco systems for knowledge and skills pertaining to contemporary industry standards.
- To inculcate the values through ethical and professional practices among stake holders for development of socially responsible engineering diploma holders.

### Programs Offered by Dnyanshree

#### Degree Programs:

1. Mechanical & Mechatronics Engineering	679761210	(60 Seats)
2. Civil Engineering	679719110	(45 Seats)
3. Electrical Engineering	679729310	(30 Seats)
4. Electronics & Telecommunication Engineering	679737210	(60 Seats)
5. Computer Science Engineering	679724210	(60 Seats)

#### Diploma Programs:

1. Electronics & Telecommunication Engineering	679737210	(30 Seats)
2. Computer Science & Engineering	679724210	(60 Seats)

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

-- Nelson Mandela



## Institute Facilities

**Classroom**



**Drawing Hall**



**Seminar Hall**



**Tutorial Room**



**Computer Centre**



**Library**



**Digital Library**



**Reading Hall**



**Cafeteria/Food Court**



**Drinking Water**



**Lift**



**Gymkhana**



**Fire Safety System**



**CCTV System**



**Play Ground**



**Training Centre**



**Medical Room**



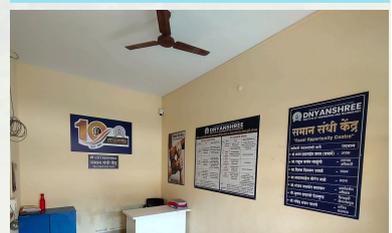
**Boy's Common Room**



**Girls Common Room**



**Equal Opportunity Centre**



**Solar System**



**Store**



**Incubation Centre**



**Auditorium**





# DNYANSHREE

## INSTITUTE OF ENGINEERING & TECHNOLOGY

### Transportation



### Language Lab



### Workshop



### Wi-Fi Campus



## Electronics & Telecommunication Engineering Department Laboratories

### Microwave & Digital Electronics Lab



### Electronics Devices & Power Electronics Lab



### Communication & Measurement Lab



### BASIC ENGINEERING Lab



### Modelling & Simulation Lab



### Mechatronics Lab

## Engineering Department Faculties

Sr. No.	Name of Faculty	Designation	Education	Experience
1	Mr. J.B. Jagtap	Incharge HOD	BE (Electronics) ME (Electronics)	Teaching: 35 Years
2	Mr. V.D. Chavan	Lecturer	BE (Electrical)	Teaching: 10 Years
3	Ms. P.S. Jawale	Lecturer	MTech. (Electronics)	Teaching: 02 Years
4	Mrs. K.S. Jadhav	Lecturer	BE (E & Tc Engg.)	Teaching: 04 Years
5	Ms. Khedkar S.S.	Lecturer	BE (E & Tc Engg.)	Teaching: 01 Years
6	Ms. Kadam S.U.	Lecturer	BE (Electronics)	Teaching: 02 Years

## Memorandum of Understanding

Sr. No.	Name of Industry	Address
1	SAI Industries, Satara	A/2, Pune-Bengalore Highway, Old MIDC, Satara
2	SKYNET, Satara	857, Shaniwar Peth, Satara. 415002
3	Manshu Comtel Pvt. Ltd. Satara	L-25, Additional MIDC, Satara. 415004.
4	Shricom office Automation, Satara	Plot No. D-4, Old MIDC, Satara, 415504.



## Industrial Visits

### Industrial Visit: "Avalon Power Pvt. Ltd. Parali, Satara"

The visit to Avalon Power Pvt. Ltd. provided practical exposure to power generation and distribution processes. We learned about the company's operations, including turbines, generators, and control systems, as well as their transmission network. The session also highlighted sustainable energy practices and safety protocols. Interactions with engineers gave insights into real-world applications of electrical engineering and energy management

Total 60 students attended the visit.



### Industrial Visit: " Karishabh Urja LLP, Green Energy Chalakewadi "

The industrial visit to Karishabh Urja LLP, located at Chalakewadi in District Satara, was organized to provide students with practical exposure to wind energy generation and green energy technologies. Chalakewadi is well known for its strong and consistent wind conditions, making it a suitable location for wind power projects. During the visit, students had the opportunity to observe large wind turbines installed across the hilly region. The technical staff explained the complete process of electricity generation, where wind energy is captured by the rotating blades of the turbine and converted into mechanical energy, which is then transformed into electrical energy using a generator. Students were introduced to the main components of the wind turbine such as rotor blades, hub, nacelle, gearbox, generator, tower, and control systems, along with their specific functions. Overall, the visit was highly informative and helped students understand the practical aspects of renewable energy systems.



## Extra-Curricular Activities

**Tree Plantation**



**Ramdasnavami**



**Shivjayanti**



**Republic Day**



**Alumni Interaction**



**Parent-Teacher Meet**



## MSBTE Winter – 2025 Result

**First Year Toppers**

**Second Year Toppers**

**Third Year Toppers**

**Jadhav Vaishnavi**

**86.12%**

**Yadav Pooja**

**81.11%**

**Bobade Bhakti**

**86%**

**Pawar Samiksha**

**85.06%**

**Sayyad Shahin**

**78.44%**

**Kadam Vaishnavi**

**85.53%**

**Bhosale Vaibhav**

**79.88%**

**Sawant Vignesh**

**76.56%**

**Pawar Sandesh**

**85.29%**



### Sports Activities



## Achievements

### "VLSID - 2026"



## Recent Trends In Electronics

The electronics industry is evolving rapidly, driven by technological advancements and consumer demands for smarter, faster, and more efficient devices. One of the most significant trends is the expansion of the Internet of Things (IoT). From smart home devices to industrial automation, IoT is transforming the way we interact with technology. Devices are becoming more interconnected, offering real-time monitoring, predictive analytics, and seamless control, making everyday life more convenient and industries more efficient. Artificial intelligence (AI) is also making a significant impact in electronics. From AI-powered cameras with advanced image recognition to smart appliances that learn user preferences, AI integration is enhancing functionality and user experience. In industrial applications, AI-driven predictive maintenance and data analysis are boosting efficiency and reducing downtime.

-Automotive electronics are transforming the transportation sector. Electric vehicles (EVs) are becoming more advanced, with improved battery management systems and autonomous driving capabilities. Enhanced in-car connectivity and entertainment systems are also reshaping the driving experience, making vehicles smarter and safer. The electronics industry is moving towards smarter, more sustainable, and interconnected systems. Staying informed about these trends is essential for tech enthusiasts, professionals, and consumers, as they shape the future of technology and innovation.

Ms. Jawale Pournima S.  
(MTech. , DIET, Satara)

### ACKNOWLEDGMENT

We thank all the faculty members, administrative staff and students of DIET, Satara for their help and cooperation in bringing out DNYANRUNANUSHASHTRA. Our special thanks to Dr. U. R. More (Vice-Principal, Degree, DIET) for their valuable suggestions and guidance.

#### Chief Patrons

Hon. Mr. Dnyaneshwar B. Wangde (Chairman, DIET)  
Hon. Mr. Rohit D. Wangde (MD, DIET)  
Hon. Mrs. Dhanwantari R. Wangde (CEO, DIET)  
Dr. Ajay D. Jadhav (Principal, DIET)

#### Editorial Board

Prof. Shraddha S. Khedkar (Editor )  
Prof. Pournima S. Jawale (Editor in Chief)  
Prof. Jaywant B. Jagtap ( HoD ENT C. Engg)

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