



Dr. D. Y. PATIL PRATHISTHAN'S
COLLEGE OF ENGINEERING,
SALOKHENAGAR

SPANDAN 2019-20





Hearty Congratulations !!



Hon. Shri. Satej alias Bunty D. Patil

Member of Legislative Council – Maharashtra, Kolhapur
Minister of State for Home (Urban), Housing,
Transport, Information Technology,
Parliamentary Affairs & Ex. Servicemen Welfare,
Govt. of Maharashtra.



Hon. Shri. Ruturaj S. Patil

MLA, Maharashtra State.

From

All Teaching & Non Teaching Staff

Dr. D. Y. Patil Pratishthan's College of Engineering, Salokhenagar.

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Vision

- Creating smart and eco-caring Engineers for a greener tomorrow.

Mission

- To develop a green and sustainable campus.
- To Develop Eco caring and Green Engineers community.
- To instill Pancha Bhootas protecting concepts, education, research and projects.
- To bring sustainability importance awareness in public

Main Features

- Qualified & Experienced Staff
- Reputed professional disciplined work culture for quality education
- 33+ years of educational legacy
- Location of institute is in the heart of city
- Expert guest lectures, industrial tours, workshops for right aptitude development of students
- Digital library, Book bank scheme, journals, e-learning materials
- All Government Scholarships Available
- Hostel facility for Boys & girls
- Microsoft Certified Training
- Well Equipped Advanced Labs
- 24 hour Wi-Fi and Internet connected Campus
- Free Preparation for NASA/ISRO Entrance
- Free Guidance & Training for GATE
- Sports & Gymnasium Facility
- Extra Curriculum Activities
- PTC Certified Training
- Free Engineering UPSC/MPSC Training
- Free Training for AUTOCAD, PRO-E, CNC, ORACLE

Board of Directors



Padmashree Dr. D. Y. Patil
(Founder President)



Dr. Sanjay D. Patil
(President)



Shri. Satej D. Patil
(Vice President & Chariman)



Sou. Pratima Satej Patil
(Trustee)



Shri. Ruturaj S. Patil
(Trustee)

Founder's message



Padmashree Dr. D. Y. Patil
(Founder President)

I am very proud to share that our College under Dr. D. Y. Patil Prathisthan's is becoming one of the most eminent Higher Educational Institution today in the city and is renowned for standards of its Faculties, Students. It is constantly pushing the frontiers of knowledge and ensures the futuristic approach that keeps pace with the changing trends of the professional world. It is a matter of pride and privilege for me to see all of you doing well as Teachers and Students. Let me remind you that, academic success has always been cherished tenfold when coupled with achievements in the various other non-academic arenas. I wish and hope that all of you continue with same zest and contribute nobly as future pillars of the nation.

I wish the students studying at D. Y. Patil College of Engineering all the very best in their future endeavors and grand success to the faculties in their efforts to impart excellent education. God Bless.

Padmashree Dr. D. Y. Patil (Ex-Governor, State of Bihar)
Founder President of D. Y. Patil Group

President's Message



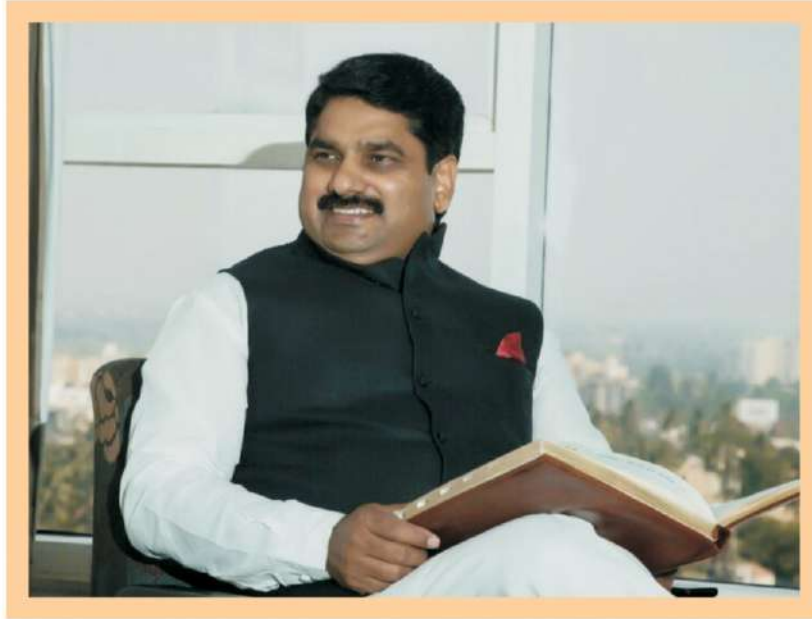
Dr. Sanjay D. Patil
(President)

Dr. D. Y. Patil Prathisthan's College of Engineering foray into higher education is becoming a case study for academic success and astute decision making. Today it stands as benchmark for others who aspire to emulate. Each of our campuses is a landmark in itself, having a culture of commitment, transparency and teamwork.

The College is committed to provide students with abundant and diverse opportunities to explore and express themselves not only in education but also in sports, arts and culture. I believe nurturing the potential of the student, giving them exposure to the latest developments enables them to become competent and quality conscious engineers. The world class infrastructure and environment in the college reflects the meticulous care taken in maintaining high academicians and most ultra-modern laboratories.

Dr. Sanjay D. Patil
President - D. Y. Patil Group

Chairman's Message



Hon. Satej D. Patil

Vice President, Chairman & Minister of State (Home) Maharashtra

In 21st Century learning is not just about taking knowledge but is of constructing and applying it in day to day life. I am glad to see my engineering College students construct and apply all they learn in the co-curricular and extra-curricular activities they participate in.

I believe that my Students and Faculty are like the missiles and sky-rocket their aspirations, materialize them and become global citizens. It is always a matter of pride to extend support to an enthusiastic team of students and faculty members who are focused to Collaborate for the betterment of this college.

Wishing you all a grand success in all your future assignments !

Great Going

Shri. Satej D. Patil

Vice President, Chairman &
Minister of State (Home), Maharashtra.

Trustee's Message



Hon. Sou. Pratima Satej Patil
(Trustee)

I heartily welcome the initiative of publishing our college magazine which highlights the events and achievements of our college. Our aim behind establishment of this institute is to provide quality education opportunity to students from sub-urban and rural areas. This institute facilitates innovative thinking by presenting students with an exclusive learning.

We are deeply conscious of the challenges and responsibilities that this new world demands, hence keeping our vision and mission in mind we believe in making of dynamic individuals in the society.

Apart from technical education we are keenly focused on providing key skills required in the competitive market through our skill development initiative we are imparting technical and commercial skills to society at large.

With a hope that all the students of the college achieve great height, I extend my good wishes to them.

Mrs. Pratima Satej Patil
(Trustee)

Trustee's Message



Hon. Ruturaj S. Patil
(Trustee & MLA)

I take this opportunity in welcoming you to an exciting, new educational experience on one of the city's growing educational campuses. I invite you to visit our Salokhenagar campus and experience for yourself the energy and excitement of a college focused on student success.

We are looking forward to bringing excellence in every stage of a student's career and are continuously evolving a full-fledged Institution providing one of the best opportunities for students seeking high quality education.

Shri. Ruturaj S. Patil
Trustee & MLA

Principal Message



Dr. V. P. Kallimani

(Principal)

“If you nurture the nature, Nature nurtures you”

Balancing an eco- balance with education, research and innovations in sustainable engineering, play an important role in reducing the global warming. Its our basic duty to imbibe the green concepts and develop a responsible citizens. There needs a deeper thought process of Green: Education, ideas, innovations, research and practices in protecting the ‘**Pancha Bhoota**’ (Basic elements- Air, Sky, Earth, Water, Energy) for green, clean, peaceful, health and sustainable living. Philosophically we are connected to these lifesaving basic elements, but needs to be connected technologically. Sustainability, eco-balance, and healthier nature are must for the better future.

The necessity of going green is critical and vital. Global warming is a threat, hanging on this planet, due to the manmade inventions in the modern technology and comforts. A research, practices and education are necessary in order to reduce the **Greenhouse gases** (40 Billion+ tons CO₂ is emitted annually- NASA), which is one of the major causes of the global warming. It is essential, that every individual on this planet, must respect the mother earth. It is a high time for **Going GREEN, Sustainable, Smart education**, ideations, research and innovations in professions, Pedagogy (Schools to Universities), services and practices, and homes.(ref : UN Sustainable Development goals).

Our students develop their concepts and expertise by practicing innovative Engineering in learning, and practicing. They will be transformed into caring and responsible Engineers of the tomorrow.

Very IMP Youtube Links -

This country isn't just carbon neutral - it's carbon negative | Tshering Tobgay- <https://youtu.be/IIKXKAjYvxU>,
Last Hope - Suicidal Animals (adagio)- https://youtu.be/7Lc_dIVrg5M

Dr. V. P. Kallimani
(Principal)

Vice Principal Message



Dr. A. M. Mane
(Vice Principal)

The major challenge for engineering educational institutions is to accommodate the ever varying aspirations of the younger generation and ever changing demands and development in industries. We constantly put efforts to accommodate these aspirations by fine tuning the academics of college with disruptive teaching - learning practices along with other developmental activities. We aim to contribute towards sensible social beings through education. This keeps us involved with the students at the Dr. D. Y. Patil College of Engineering Salokhenagar. It inspires our teaching and research. This is the goal which fuels our faculty to excel. We focus on our students by providing them with a world-class outcome based education and hands-on experience through research, training, and student forum activities along with co curricular activities for overall refinement of every student.

The success of our undergraduate programs is supervised by our eminent faculty, who continue to set the standard for excellence. There is a continuous check on the implementation of planned academic activities with desired results in grooming our future generation for employment and for higher studies. We believe in continuous development and strive to carry on the best efforts and endeavors towards the benefit of the students. Our University toppers and decent placements speaks about our excellence with many of our students bringing laurel to the college by getting highest ranking in university exams and huge number of students are placed in national & multinational companies.

Our institute stands by its core values, mission of churning out well-rounded individuals and thorough professionals. My best wishes for one of these initial compilations of Chronicles of our institute.

Dr. A. M. Mane
(Vice Principal)

Editorial



Prof. Rahul B. Patil

Editor

It is my immense pleasure to handover this edition of 'Spandan2019-20' to all of you. The encouragement from Hon. Padmashree Dr. D. Y. Patil, Chairman Hon Dr. Sanjay D. Patil & Vice Chairman Hon. Shri. Satej alias Bunty D. Patil was like blessings. The same support was extended by Trustee Hon. Shri. Raturaj S. Patil was amazing. The guidelines received from Principal Dr. V.P. Kallimani and Vice-Principal Dr. A. M. Mane was very valuable. We feel very happy to have them as our mentors.

I along with my editorial team members have work hard to make this magazine stand out. So here you have "Spandan 2019-20". Title of the magazine, "Spandan" means "vibrant, energetic". This magazine gives an insight into way of life, creativity and activities. This magazine is a platform that exhibits the literary skills and innovative ideas of teachers and students.

"Spandan 2019-20" presents the hard work and dedication of students and contributions of teachers. I would like to thank all my editorial team members and management for helping me pull this through. I express my considerable appreciation to all the authors of the articles in this magazine.

These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible. Thank you all !!

Prof. Rahul B. Patil

Computer Science & Engineering
EDITOR OF COLLEGE MAGAZINE

Magazine Committee



Prof. Bharat M. Powar
Mechanical Engineering



Prof. J. V. Ware
General Science & Engineering



Prof. Amruta D. Patil
Civil Engineering



Prof. Rohit S. Raut
Computer Science & Engineering

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Teaching & Non Teaching Staff



Department of Mechanical Engg.



Department of Computer Sci. & Engg.



Non Teaching Staff



Department of General Sci. & Engg.



Department of Civil Engg.

International Guest Talk Series



Prof. Dr. Junzo Watada (Japan)
International Advisory Member



Ms. Waltraut Ritter (Hong Kong)
International Guest Talk

Incubation & Innovation Centers



Hon. Sou. Pratima S. Patil with International Guest Ms. Waltraut Ritter (Hong Kong) at opening of Tejas Innovation Center (TIC)



Hon. Shri. Satej D. Patil with Guest Mr. Abhay Jere CIO Ministry of HRD, GOI. at opening of Kolhapur Incubation Center (KIC)