



D Y PATIL
COLLEGE *of*
AGRICULTURE
TALSANDE



College Campus

PROSPECTUS

**DR. D. Y. PATIL COLLEGE OF AGRICULTURE,
TALSANDE**

A/P : Talsande, Tal : Hatkanangale, Dist : Kolhapur

(College Code : 11141)



Dr. D. Y. Patil

Founder President, D. Y. Patil Education Society

Dr. D. Y. Patil Agriculture Campus, Talsande a consortium of Principal, Teachers, Students, Farmers, Parents & Experts, who work together in mission mode with set goals and objectives, with commitment for the furtherance of Agriculture research, Education and Development. The college is constantly achieving the set goals and setting the benchmark for academic excellence. Demand for agriculture is rising rapidly with increase in population and ultimately it leads to growing demand for industry sector. There is thus, an urgent need to identify severity of problems, confronting agricultural sector to restore its vitality. The problems however are surmountable, particularly when new tools of science and technology have started offering tremendous opportunities in agriculture. For the economic upliftment of rural people, we had undertaken several activities for the farming community to augment productivity of crops, economic prosperity of the society, rural employment, conservation of diversity, linking farmers with markets and nutrition and livelihood options have been on centre stage.

I feel immensely proud with progress of our Institution and express best wishes for further bloom. Lets strive to make our Agriculture college the most modern institution by catering to the needs at local level and vision for global level.



Dr. Sanjay D. Patil

President, D. Y. Patil Education Society

"We cannot always build the future for our youth, but we can build our youth for the future." These words by Franklin D. Roosevelt perfectly describe our aim at Dr. D. Y. Patil College of Agriculture, Talsande. Our aim is to teach students to LEARN, not just STUDY. Hence, we strive to travel beyond the boundaries of mere books. It is our fervent hope that the years that you spend in our both Colleges of Agriculture would enable you to equip with leadership and managerial skills. The knowledge that students will gain, the fine qualities that students will imbibe and the technical skills that you will learn to apply will be their major contribution to their parents, to society and to the nation. We invest our trust on you.

I wish to see the institution in the top agricultural research and educational colleges in India and wish best of luck for them.



Mr. Satej D. Patil

Vice President, D. Y. Patil Education Society

Our College is recognized as a leader in teaching and learning, student relationships and well-being. We create a safe social and physical environment that helps all our students learn and succeed. Parents and visitors compliment us on the warm and orderly atmosphere and our strong sense of community. We encourage all our students to develop high expectations about themselves, their work and their behavior, which is an expression of our values of Personal best, Integrity, Respect and responsibility.

In a world that rewards perseverance, resilience, initiative, problem-solving and cooperation, our students leave well prepared for tertiary education, vocational training or employment. I am proud of the significant accomplishments of our students and the results our college has achieved in being a better choice in education.



Mr. Ruturaj S. Patil

Trustee, D. Y. Patil Education Society

At DYPCA, Talsande, we take care of the physical and intellectual needs of the students with a well-qualified and dedicated team of faculty members. Our competent teams of staff members support our students to achieve emotional stability by exposing them to Personality Development & Career Advancement Programs. This in turn helps them to emerge as the individuals of higher calibre with very good value system. Thus our students are chiselled out with unique dimensions of consciousness, compassion and creativity which make them creators of technological societies.



Dr. A. K. Gupta

Executive Director, D. Y. Patil Group of Institutions, Kolhapur

I believe that the existence of every educational institute will continue only if that Institute makes the Student & Parent feel happy. The student & Parent will be happy only if they get their expectations fulfilled for which the student has taken an admission in the institute. This can be achieved only if every entity in an Institute works with their authorities executed 100% with the focus on quality. Therefore I request everyone to come together in achieving the target of HAPPY STUDENT, HAPPY PARENT, and most preferred Institute.



Mr. D. N. Shelar

Principal, Dr. D. Y. Patil College of Agriculture, Talsande

Dr. D. Y. Patil College of Agriculture, Talsande was established by visionary son of farmer Hon. Dr. D. Y. Patil (Ex. Governor, Tripura and Bihar State) with a view to provide advanced Agricultural Education to sons and daughters of farmers in rural area. Hon. Dr. Sanjay D. Patil, President, Shri. Satej D. Patil, Vice-President and Shri Ruturaj S. Patil, Trustee, D. Y. Patil Group, Kolhapur have been carrying the tradition with similar vision, zeal and magnitude. On account of their valuable guidance and constant encouragement the colleges are marching and progressing towards excellence in agricultural education. The colleges produces graduates vandy for industry and farming business and is striving to develop into most modern centers of Agriculture education.

VISION

To educate the students to transform them as professionally competent and quality conscious graduates by providing conducive environment for teaching, learning and overall personality development, culminating the institute into an international seat of excellence.

MISSION

Empowerment through Knowledge

QUALITY POLICY

The college is committed to overall growth of students through well planned, graded and tested systems of instructions in disciplined manner with an aim to provide qualified, capable and devoted Agricultural Graduates to the nation.

HIGHLIGHTS



It is the pioneering, renowned and advanced Agricultural Institution in Maharashtra



Well qualified and experienced faculties



210 acres of land with lush green facilities



Excellent infrastructure facilities



Successful multidimensional development of the students



Well furnished accommodation for boys and girls



Fully fledged modernized library



100 Mbps Internet Speed



24 hours full power back up



Well equipped Gymnasium & well maintained sports grounds



Scholarship Facility (SC/ST/OBC/NT)



Student Counseling Cell for overall personality development



Encouragement for Co-Curricular, Extra Curricular activities



In campus Medical facilities for students



In Campus ATM facility



Good academic record and success in competitive examinations.



Poster Presentation Competition



Educational tours, Visits and Workshops



International Exposure



Industry Academia Interface



Good quality mess and canteen

Academic Cells B. Sc. (Hons.) Agriculture



Mr. D. N. Shelar
Principal



Er. A. B. Gatade



Prof. R. R. Patil



Dr. K. S. Shinde



Er. Y. V. Patil



Dr. V. R. Patil



Prof. S. R. Suryavanshi



Dr. M. Y. Patil



Prof. A. M. Yadav



Prof. A. P. Gaikwad



Prof. V. R. Subhedar



Dr. M. G. Lagare



Prof. V. M. Yadav



Prof. A. S. Pawar



Dr. A. S. Mukhekar



Prof. R. A. Wankate



Prof. N. S. Patil



Prof. T. S. Kadgaonkar



Prof. K. D. Gorad



Prof. A. D. Mote



Prof. K. R. Bhokare



Prof. A. S. Bandre

Administrative Cell



Mr. P. M. Bhagaje
Registrar



Mr. R. P. Shinde
Senior Office Superintendent



Mr. U. S. Mane
Clerk-Academic & Exam



Mrs. D. P. Thane
Clerk-Students Section



Mr. R. B. Bacche-Patil
Clerk-Scholarship



Mr. D. M. Patil
Accountant



Mr. A. K. Nayakawadi
Clerk- Accounts



Mr. R. R. Khot
Clerk-Store



Mr. S. S. Yerudkar
Librarian



Mr. A. K. Todkar
Library Asstt.

Eligibility

Sr. No.	Degree Course	Duration	Qualifying Examination
1	B.Sc. (Honours) Agriculture	4 Years (8 Semester)	1.XII Std. (Science) passed in 10+2 pattern from Maharashtra State Board of Higher Secondary Education or an equivalent Examination, with PCB or PCMB or PCM or Inter (Agriculture) and passed with English. 2.Those who have not offered Biology or Mathematics shall have to complete deficiency courses as prescribed by respective University. 3.Common Entrance Examination i.e. MHT-CET/JEE/NEET/AIEEA-UG organized by competent authority during year 2020-21 in PCB or PCM subject.

Note

1. The Candidate should be an Indian National.
2. The candidate other than Maharashtra State (OS) and Institutional quota will be admitted through MHT-CET / JEE / NEET / All India Entrance Examination Test (AIEEAUG conducted by ICAR, New Delhi).
3. Admission to all Undergraduate degree programmes under State Agriculture Universities shall be on the basis of 100% marks obtained in CET conducted by competent authority [MHT-CET / JEE / NEET / All India Entrance Examination Test (AIEEA-UG conducted by ICAR, New Delhi)] and the other weightages will be as per the existing provisions / rules of MCAER, Pune.

Dr. D. Y. Patil College of Agriculture

A/P: Talsande, Tal: Hatkanangale, Dist: Kolhapur

College Code : 11141



Dr. D. Y. Patil College of Agriculture, Talsande has been established by D. Y. Patil Education Society, Kolhapur under the affiliation of Mahatma Phule Krishi Vidyapeeth, Rahuri, Dist. Ahmednagar (MS) in 2008. All round success of this college in Education, Research and Extension made this college as an Institute of repute. It symbolizes quality education in the field of Agriculture has vision to educate the students to transform them as professionally competent and quality conscious agriculture graduate by providing conducive environment for teaching, learning and overall personality development, culminating the institute into an international institute. This college having excellent infrastructure facilities with well established library, lecture halls, power point projectors, boys and girls hostels and play grounds.

From the date of establishment this college has been achieving and progressing at a faster rate. For the career development of students in academic as well as allied activities students are encouraged and trained for exams viz. MCAER, UPSC, MPSC, CET, JRF Entrance etc., International training, Educational tours and visits, Expert lectures, Poster/ PPT competitions. We mainly emphasized on quality education as well as overall development of students and rural community.

We also have well developed Agricultural farm including 100 per cent with Automized Irrigation Systems as well as well-maintained orchard and field crop plots, commercial vegetable and flower production, dairy and poultry unit having well trained and skillful labours. The training and placement cell of the college is very actively placing the students in top institutions and companies throughout India.

Agronomy

Agronomy is the applied science which deals with the crop production and soil management. Agronomy provides the basic requirements to human being viz. food, fuel and fiber. This department is mainly concern with land preparation, seeds and sowing, fertilizer management, irrigation scheduling, plant protection, harvesting and threshing, seed production and their processing. The practical activities are being conducted in agronomy on various aspects viz. Improved package of practice, climatic study, weed management, soil improvement, organic farming, sustainable farming and post harvest management.



Genetics & Plant Breeding

Department of Genetics and Plant Breeding is most important discipline of Agriculture field which deals with breeding of various crop plants on the basis of basic science of Genetics. This department encloses different labs for practicals of Genetics, Plant breeding and Seed Technology. Department have well equipped laboratories as well as field for live experiments.

Agricultural Entomology

Department of Agril. Entomology is one of the major department of agricultural stream which comes under the Plant Protection group. This department is mainly concerned with the study of insects, crop pests, non insect pests and their management by using different techniques for increasing yield in terms of quantity as well as quality measures. Entomology is one of the technical and systematic subject so having wide and huge scope in pesticide industry and different corporate sectors. Department have well established laboratory, Insect museum, Pesticide and plant protection equipment's, Various Charts and well-furnished infrastructure facilities.



Horticulture

Horticulture is the most distinct branch of Agricultural Sciences which includes the cultivation of fruits, vegetables, flowers, spices and condiments, aromatics, medicinal and plantation crops and post-harvest management. The department is actively engaged in teaching, research and extension education activities on various aspects related to orchard planning, management of fruits & vegetables production. The department is well equipped with field and laboratory facilities w. r. t. post harvest technology of fruits and vegetables.

Agricultural Economics

The department of Agricultural Economics is allied discipline of agriculture stream. Department related to give practical based knowledge about principles of Economics, Production Economics, Farm Management and Agribusiness to under graduate students of agriculture. Department has one laboratory which is fully utilized for conducting each course. Different charts are prepared with respect to different courses and used at the time of teaching as teaching aid. The facilities like computer, LCD projector etc are timely used by faculty member.



Agriculture Extension & Communication

Department is playing a pioneering role in the growth and development of extension science with specific reference to research, education and training. The research carried out in the field disseminated within the farming society aptly by programmes like Rural Agricultural Work Experience (RAWE). The key mandates of the department are to render expertise support, advisory and consultancy services to extension activities of the institute and to convey basic and strategic ideas of the research in the areas of extension education. The department has well developed laboratory with all innovative teaching aids.

Agriculture Engineering

Department has six well equipped laboratories such as Farm Machinery and Power Engineering, Agricultural Process Engineering, Soil and Water Conservation Engineering, Irrigation and Drainage Engineering, Renewable Energy Engineering & Computer Science. In addition, department offering seven courses to the students. This leads to the improvement in the educational level of the students. Intern resulted in improvement of the student's potential in different activities such as, technical, academic and scientific research.



Plant Pathology

Department deals with principles and practices for disease management for crop yield improvement. This department includes different section like Micro-biology, Nematology Biochemistry and Plant Biotechnology. It imparts technical & practical knowledge by offering courses. The department is well equipped with field and laboratory facilities with sophisticated instruments viz. Cooling centrifuge, BOD incubators, Laminar air flow, autoclaves, Distillation unit, Microscope, etc.

Soil Science and Agricultural Chemistry

Department deals with development, conservation and management of the soil sources which are posing serious problems of degradation in several forms. The main objective is to carry out research on fundamental and applied aspects of the physical, chemical and biological properties of soil with respect to crop improvement and optimum utilization of resources. The department is well furnished with good laboratory facilities and grandiose instruments.



Animal Science and Dairy Science

Department is related to Livestock production & management including Poultry. To impart the knowledge to the students the department is facilitate with charts, photographs, some instruments etc. The department is also deal with modern and basic aspects of processing of milk and milk products. For this the department is fully equipped with Lassi making machine, Cream Separator, Gerber centrifugal etc. where in students get hands on training of this subject. To acquaint with the livestock operation the department is also have the livestock unit of 40 animals.



Biochemistry & Crop Physiology

This discipline having mandate of promoting sustainable crop production, improving plant productivity and quality, reducing postharvest losses, understanding how plants sense and respond to abiotic stress, probing the diversity of plant specialized metabolism and understanding fundamental mechanisms of growth and development. Several undergraduate courses offered under this department like Biochemistry, Physiology, Biotechnology, Microbiology and Environmental Sciences. The department is well equipped with Crop physiology, biotechnology and biochemistry laboratories having sophisticated instruments, chemicals, charts etc.



Scholarship & Freeship

The institution facilitates students for getting Scholarships and Freeships offered by State and Central Government, MPKV Rahuri, Authorities and Trusts. Any other such Scholarship /Freeship will be offered to desirous students as and when declared by Govt./ Private authorities as applicable various scholarships are as SC, ST, SBC, VJNT, OBC, State Minorit, EBC etc.

Training & Placement

The training and placement cell was established with an aim to develop the employability, skill of presentation, communication, enrich the students with current affairs, status of industries and encourage the students for the various competitive examinations. Training and placement cell approaches the various agriculture related Manufacturing, Processing, Marketing, Research and Finance companies/Industries for recruitment of students. Training and placement cell also organize the workshop/ seminars to improve employability of students.

Major Recruiters



The international training cell is also performing in sending students for training globally. Twelve students have been completed training with scholarship from Government of Israel in last three years. For 2019-20 seven students have been selected and received scholarship by the Council of Higher Education, Government of Israel for the summer program in Agriculture at the International School of Agricultural Sciences, The Robert H. Smith Faculty of Agriculture, Food & Environment, The Hebrew University of Jerusalem, Rehovot, Israel. It's pride to the college that among twenty five students throughout world seven students have been selected through tough competition.

Library

The institute enriched with more than 8 thousands volume of books, titles, Indian and International journals, technical and non technical periodicals subscribed per month. The institution have separate digital, reference and departmental libraries and study hall with 150 seats open for 24 hours. A separate section with large collection of handbooks, encyclopedias to help students in their projects and research work. Digital library and xerox facilities are available in library.



Sports

The college environment strives to provide students with an opportunity to develop all of their talents in an effort to produce well rounded graduates that can succeed in every walk of life. We have well maintained playgrounds for Volleyball, Basketball, Football, Kho-kho, kabbaddi, Cricket etc. Our students won successively and consecutively medals and titles in different group and individual games at state and national level.



In 2019-20 students have participated in 16 different games/tournaments organized by University/ICAR. Nine students represented University team in Kabbaddi, Kho-Kho, Volleyball, Basketball & athletics. One Student (Girl) got gold Medal in kho-kho in all India Competition (Agril universities).

Hostels

The institute has multi storied hostel buildings in the campus, that accommodates 400 boys and there is separate girls hostel where 150 can stay comfortably. Guest house facility is also available for the visiting parents. The hostel having all the necessary facilities such as water purification plant, water coolers, water heating plant, Wi-Fi with 4G, news reading room etc. The routine essentials like canteen, Mess, Gymkhana, Loundry, Xerox center and Public Telephone booths are also available inside the campus. Lady security guards take care of security and discipline of girls.



NSS

National Service Scheme is an Indian government sponsored public service programme conducted by the department of Youth Affairs sports of Government of India. Every year 25 students from Dr. D. Y. Patil College of Agriculture enrolls for the NSS activities and 7 days special camp. After completion of 240 hours students receives the certificate. NSS provides students with an opportunity to apply their education in finding practical solution to the problem faced by the individual and the community at large.

DYP Alumni

Alumni stand strong to prove the success of the college and its efforts. To connect all DYP alumni, to strengthen our network and to keep students updated we invite our alumni for various technical seminars, guest lecturers, workshops to share their experiences the faced outside the college. Alumni motivate and guides students for their academic improvement also extend their helping hands from all aspects for the budding graduates of the college. The distinguished alumni are given below.



Ms. Lekha Mudireddy
MBA NIAM



Ms. Parimi Pragna
M.S. Israel



Mr. Umesh Mohite
Agricultural Officer
Govt. of Maharashtra



Mr. Vaibhav Dighe
Agricultural Officer
Govt. of Maharashtra



Mr. Haridas Bonge
Agricultural Officer
Govt. of Maharashtra



Mr. Sushant Mane
Tehsil Agricultural Officer
Govt. of Maharashtra



Ms. Sonali Sutar
Agricultural Officer
Govt. of Maharashtra



Ms. Priyanka Dalvi
Range Forest Officer,
Govt. of Maharashtra



Damale Lahu
PSI
Govt. of Maharashtra



Ms. Shain Desai
PSI
Govt. of Maharashtra



Omkar Shirsagar
M.S. Canada



Saif Shaikh
PG Research Fellow Dubai



Wagh Achut
AO BOB



Mohinesh Palwe
AO BOB



Mr. Sourabh Gade
Agricultural Field Officer
Bank of India



Ms. Sayali Gurav
Agricultural Field Officer
Union Bank of India



Mr. Abhishek Vhatkar
Deputy Manager, HDFC Bank



Bhosale Sujit
AO BOB



Sagar Doiphode
Garden Supervisor,
MMC, Mumbai



Ramdas Metkeri
AO BOB



Ms. Bhosale Anuju
AO BOB



Ms. Priyanka Raut
AO BOB



Shashikant Sonawane
Assistant Manager DBT-MIS



Mr. Shubham Barkade
Programme officer in Axis Bank

Farm for Practical Knowledge

The college has well maintained, well developed and mechanized agricultural farm comprised of orchards like, Coconut, Mango, Sapota, Guava, Pomegranate, Dragon fruit and cash crops like sugarcane and Banana along with variety of domestic and exotic vegetables. The entire farm is well maintained beautified with gardens and road side plantation. The farm has a very good demonstration of utilization of fellow land, Intercropping system, Fertilizer management and use of plastic mulching paper. The units like Bee keeping unit, Nursery, Dairy, Agril. Processing, Automated Drip irrigation and the use of modern machines like grass cutter, power operated tree pruner, shredder cum pulverize machine, multi crop planter , Mini tractors, modern spraying machines made the various operations mechanized. Irrigation to all these 205 acer are given by to farm ponds havin capacity of 2.5 crore liter, 5 well and lift irrigation from the river.



Poultry



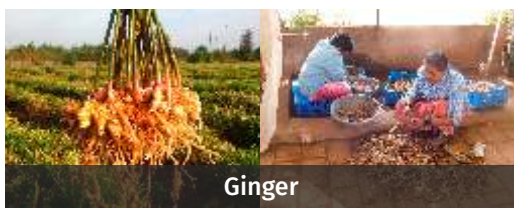
Dragon Fruit



Sales Counter



Dairy



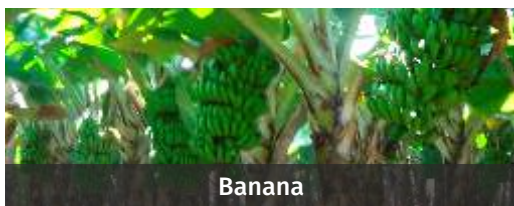
Ginger



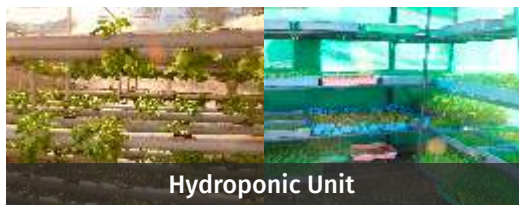
Cabbage



In Situ biomass Shredding



Banana



Hydroponic Unit



Use of Mulching Paper



Wheat seed Production



Intercropping



Automation Irrigation



Floriculture



Beens



Meadow Orchard of Mango



Red Capsicum in Polyhouse



Drumstick



Cold Storage



Brinjal



Tomato

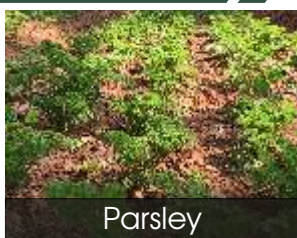
Exotic Vegetable Production



Zucchini



Lettuce



Parsley



Broccoli



Chinese Cabbage

International Training Program, Israel

Students of this institute have been selected and received scholarship by the Council of Higher Education, Government of Israel for the Summer Program in Agriculture at the International School of Agricultural Sciences, The Robert H. Smith Faculty of Agriculture, Food & Environment, The Hebrew University of Jerusalem, Rehovot, Israel.

Summer program 2017 in Agriculture



Ms. Mula Priyanka



Ms. Parimi Pragna



Ms. Shaddarsanam
Nikhitha



Ms. Lekha Mudireddy

Summer program 2018 in Agriculture



Ms. Arbole Shaila S.

Summer program 2019 in Agriculture



Mr. Kadam Sharad



Ms. Gawade Snehal



Ms. Kadam Rohini



Ms. Mohite Namrata



Ms. Shinde Poonam



Ms. Powar Shubhangi



Ms. Mulani Fatima



D. Y. Patil Group organized and sponsored International Agricultural Exposure Tour at Israel to strengthen the faculty and create the world class agricultural infrastructure. Faculty members along with management and progressive farmers have been completed International Agricultural Exposure Tour and attended International Agriculture Exhibition (Agro Mashov 2019) at Tel Aviv, Israel

Student Achievement

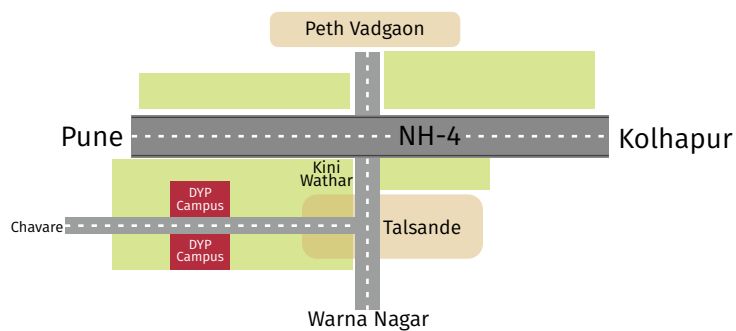
MCAER Rankers

MCAER conduct entrance test for PG programme every year. This year 2019-20 it was conducted in the march 2020. In this entrance exam our 30 student got rank in first 1000 and 10 student in first 100. For M.Sc. (Agri.) and M.Sc. (Horti) respectively.

Sr. No.	Name of Students	MCAER Rank
1	Vyavhare Swapnil	05
2	Kadam Sharad	07
3	Barge Ashitosh	24



Dr. D. Y. Patil College of Agriculture is located at Talsande, 27 km from the Kolhapur city.



Dr. D. Y. Patil College of Agriculture, Talsande

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