

Email:dcsaracop@gmail.com | Website: www.aracopdhule.org

TABLE OF CONTENTS

- Vision & Mission
- Our Patron
- - Messages Box Institute @ Glance 3.
 - About Institute 4.
 - 5.
- Courses Offered
 - 6.
- Eligibility & Admission Process Pharmaceutical Quality Assurance Department Pharmaceutics Department 7.
 - 10. Pharmaceutical Chemistry Department 8.
 - 9.
- 11. Pharmacology Department 12. Pharmacognosy Department

 - Scope after D. & B. Pharmacy 13. Facilities

 - 15. Mandatory Committees 14.
 - 16. Discipline Pharmacist Auth
 - 17. Photo gallery



MISSION

- To impart high degree of excellence in pharmacy education to cater the evolving need of the students, industries and the society at large.
- To create and evaluate innovative pharmacy practice to support pharmaceutical research to optimized quality of medication, cost effectively and healthcare.
- To stimulate an exceptional community of students, faculty and staff.
- To attain personal and professional growth & success.



Our Patron



Late. Aaisaheb Kamalabai C. Ajmera Our Worship



Late. Annasaheb Rameshji C. Ajmera The Pride



Shri. Bhaiyyadaheb Ashish R. Ajmera President



Shri Rohit A. Ajmera Vice President

Message Box



Chairman Message

Dear Students,

Welcome to Dhule Charitable Society's A.R.A college of Pharmacy. Our goal is to develop all students with their inherent strength they possess into sound meritorious professionals to meet the needs of global channels. The institute is consistently striving hard to achieve highest quality in every sphere of activity, particularly developing students in accordance with their inner drive-in order to shape students as Pharmacist and also as responsible citizen.

Our focus is to bridge the gap between industry requirement and education, and we are dedicated to bring out generations of professionals with quality required by industry. We are pursuing this dream by inculcating among the students' skills and thought-processes which will lead them to success in every corner of their life, also making them future proof so that they are ready to conquer challenges and changes, by adapting and exploring innovative solutions.

The institute has adopted the best features of the education to equip students with attributes to succeed in fiercely competitive business world with grace and without compromising with universal values.

With the commitment and focus as enunciated here, our objective is to offer students a worldclass program, designed to help each student realize one's full potential at an affordable cost.

We find it obligatory to take care of our students in all aspects of life from now on leading to a lifetime relationship. Our teaching is focused on Pharma business world and its need through our personalized and interactive teaching methods.

I am sure my committed faculty and staff will strive hard to transcend students into prospective young Pharmacists with globally compatible skills and knowledge, ready to lead.

I am pleased to note the progress that we are taking in the direction of making this institute as one of the best campuses in India, meeting international standards in the field of Pharmacy. I once again invite you to join hands with us in this life long partnership in relentless pursuit to world-class-excellence. With Best Wishes,

Bhaiyyasaheb Ashish R. Ajmera, Chairman

Dear students and parents,

Welcome to the DCS's A.R.A. College of Pharmacy, Nagaon, Dhule. It is crucial to understand that India as whole is changing rapidly and dramatically and pharmaceutical field is no exception. However instead of only adapting to these changes, it is far better to find bigger opportunities with changes and to lead the same with perspective of sustainable development. It is always better to create a trend than to pursue it. This is only achievable if one has thorough knowledge of the system and conceptual excellence and readiness to switch aligned thought-processes at once. I am happy to inform you that we are dedicated to inculcate among the students all required attributes so that they will lead the future with balancing approach and mark many milestones ahead.

"Proud to be Pharmacist" it's our central tagline and top priority agenda, it's not mere sentence for us, but it is inspiration and line of work for us. We as institute taking all essential efforts so that society will realize and recognize the importance and necessity of this noble profession in developing civilization. Nevertheless, it's more important to make students cognizant with responsibility and sense of credibility they possess as Pharmacist. There are ample opportunities available in the field of Pharmacy and we are trying our best to make students keeping pace with future, in fact ahead of future.

The "Dhule charitable society" was dream crafted by visionary lead Late Aaisaheb Kamalabai Ajmera, who dedicated her life for development of unprivileged and underdeveloped section of society and even donated body for development of science, she referred as Mother of Orphan. It was further nurtured by Late Annasaheb Rameshaji Ajmera, Institute is named after him. With this bequest we are dedicated to bring out optimistic environment for all under dynamic leadership of renowned Rotarian Honble Ashishaji Ajmera well-known for his contribution in social upliftment. I again welcome you to institute! I assure you of recession proof future! With Best Wishes





Institute @ Glance











Since 1994 Institute @ Glance



- ➤ Re-accredited by NBA, New Delhi for 2nd Cycle
- > Approved by Pharmacy Council of India (PCI), New Delhi
- Approved by All India Council for Technical Education (AICTE), New Delhi
- > Approved by Government of Maharashtra, Mumbai
- Affiliated to KavayitriBahinabai Chaudhari
 North Maharashtra University Jalgaon
- Affiliated to Maharashtra State Board of Technical Education, Mumbai

About Institute



Dhule Charitable Society as established by Late Aaisheb Kamalabai Ajmera (Ex. Minister Maharashtra State) with the aim of providing quality education in all fields thus disseminating education to deserving students and thereby helping them to realize their dreams of career in professional courses.

Dhule Charitable Society's Annasaheb Ramesh Ajmera College of Pharmacy was established in 1994 with B. Pharmacy Course and started M. Pharmacy (Pharmaceutics) in 2007, Ph.D. research centre is established in 2011, M. Pharmacy (Pharmaceutical Quality Assurance) in 2012, and D. Pharmacy course is started in 2020 and Two M. Pharmacy programs (Pharmaceutical Chemistry and Pharmacology) are started from 2022

> D. Pharmacy

(Intake-60 Seats)

(Two Year Diploma Course)



DCP-I			DCP-II		
Subject	TH	PR	Subject	TH	PR
 Pharmaceutics 	Υ	Υ	◆ Pharmacology	Υ	Υ
Pharmaceutical Chemistry	Υ	Υ	Community Pharmacy & Management	Υ	Υ
 Pharmacognosy 	Υ	Υ	Biochemistry & Clinical Pathology	Υ	Υ
Human Anatomy & Physiology	Υ	Υ	Pharmacotherapeutics	Υ	Υ
Social Pharmacy	Υ	Υ	 Hospital & Clinical Pharmacy 	Υ	Υ
_	-	-	Pharmacy Law & Ethics	Υ	N

B. Pharmacy

(Intake-100 Seats)

(8 Semester (4 Yrs) Degree Course)



Semister - 1			Semister - 2				
Subject	TH	PR	Subject	TH	PR		
 Human Anatomy & Physiology 	ΙΥ	Υ	 Human Anatomy and Physiology II 	Υ	Υ		
◆ Pharmaceutical Analysis I	Υ	Υ	Pharmaceutical Organic Chemistry I	Υ	Υ		
 ◆ Pharmaceutics I 	Υ	Υ	Biochemistry	Υ	Υ		
Pharmaceutical			Pathophysiology	Υ	N		
Inorganic Chemistry	Υ	Υ					
Communication skills	Υ	Υ	 Computer Applications in Pharmacy 	Υ	Υ		
• Remedial Biology/			Environmental sciences	Υ	N		
Remedial Mathematics	Υ	Υ					

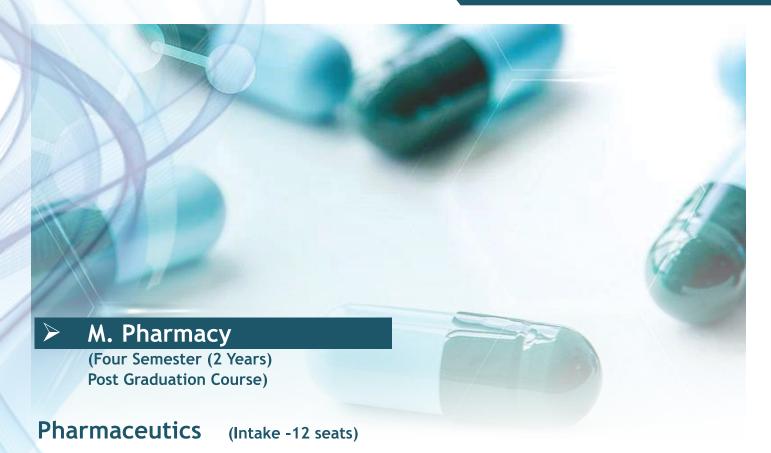
B. Pharmacy Cont...

Semister -3			Semister - 4			
Subject	TH	PR	Subject	TH	PR	
Pharmaceutical Organic Chemistry II	Υ	Υ	 Pharmaceutical Organic Chemistry III 	Υ	Ν	
 Physical Pharmaceutics I 	Υ	Υ	◆ Medicinal Chemistry I	Υ	Υ	
Pharmaceutical Microbiology	Υ	Υ	 Physical Pharmaceutics II 	Υ	Υ	
Pharmaceutical Engineering	Υ	Υ	◆ Pharmacology I	Υ	Υ	
			 Pharmacognosy and Phytochemistry I 	Υ	Υ	

Semister -5			Semister - 6			
Subject	TH	PR	Subject	TH	PR	
 Medicinal Chemistry II 	Υ	Ν	 Medicinal Chemistry III 	Υ	Υ	
 Industrial Pharmacy-I 	Υ	Υ	Pharmacology III	Υ	Υ	
Pharmacology II	Υ	Υ	 Herbal Drug Technology 	Υ	Υ	
Pharmacognosy & Phytochemistry II	Υ	Υ	Biopharmaceutics & Pharmacokinetics	Υ	N	
Pharmaceutical Jurisprudence	Υ	N	 Pharmaceutical Biotechnology 	Υ	N	
			Quality Assurance	Υ	N	

Semister -7			Semister - 8	
Subject	TH	PR	Subject TH	PR
 Instrumental Methods of Analysis 	Υ	Υ	 Biostatistics and Research Methodology Y 	Ν
◆ Industrial Pharmacy-II	Υ	Ν	 Social and Preventive Pharmacy 	N
Pharmacy Practice	Υ	Ν	◆ Two elected Subject Y	N
• Novel Drug Delivery System	Υ	N	◆ Project Work Y	N
◆ Practice School	Υ	Ν		-

Course Offered



Semister -1	Semister - 2
Subject	Subject
• Modern Pharmaceutical Analytical Techniques	Molecular Pharmaceutics
◆ Drug Delivery System	Advanced Biopharmaceutics & Pharmacokinetics
Modern Pharmaceutics	Computer Aided Drug Delivery System
• Regulatory Affair	Cosmetic and Cosmeceuticals
Pharmaceutics Practical I	Pharmaceutics Practical II

Pharmaceutical Quality Assurance (Intake -15 seats)

	Semister -1	Semister - 2
	Subject	Subject
\	◆ Modern Pharmaceutical Analytical Techniques ◆	Hazards and Safety Management
	• Quality Management System	Pharmaceutical Validation
	• Quality Control and Quality Assurance	Audits and Regulatory Compliance
	 ◆ Product Development & Technology Transfer 	Pharmaceutical Manufacturing Technology
	 Pharmaceutical Quality Assurance Practical I 	Pharmaceutical Quality Assurance Practical II

Pharmaceutical Chemistry (Intake -15 seats)

Semister -1	Semister - 2
Subject	Subject
Modern Pharmaceutical Analytical Techniques	 Advanced Spectral Analysis
• Advanced Organic Chemistry -I	 Advanced Organic Chemistry -II
Advanced Medicinal chemistry	 Computer Aided Drug Design
◆ Chemistry of Natural Products	Pharmaceutical Process Chemistry
Pharmaceutical Chemistry Practical I	Pharmaceutical Chemistry Practical II

Pharmacology (Intake-09 seats)

Semister -1	Semister - 2
Subject	Subject
◆ Modern Pharmaceutical Analytical Techniques	 Advanced Pharmacology II
◆ Advanced Pharmacology-I	Pharmacological and Toxicological
	Screening Methods-II
 Pharmacological and Toxicological 	 Principles of Drug Discovery
Screening Methods-I	
Cellular and Molecular Pharmacology	Experimental Pharmacology practical- II
◆ Pharmacology Practical I	Pharmacology Practical II

Common for all Specializations

Semister -3	Semister - 4
Subject	Subject
• Research Methodology and Biostatistics	→ Journal club
◆ Journal club	 Discussion / Presentation (Final Presentation)
Discussion / Presentation	• Research Work
(Proposal Presentation)	
• Research Work	

Doctor of Philosophy (Ph.D.)

As per the norms of KBC North Maharashtra University, Pharmacy Council of India & University Grant Commission.

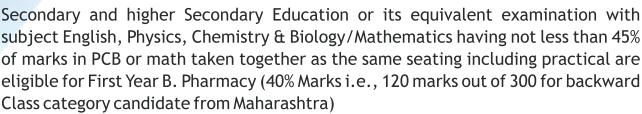
Eligibility

Diploma in Pharmacy (D. Pharmacy)

Candidate should be Indian National and should have passed HSC (XII) Examination of Maharashtra State Board of Secondary and higher Secondary Education or its equivalent examination with subject English, Physics, Chemistry & Biology / Mathematics.

Bachelor of Pharmacy (B. Pharmacy)

Candidate should be Indian National and should have passed HSC (XII) Examination of Maharashtra State Board of



*The Candidate should appear for MHCET (Non-Zero).



"Diploma holders who have passed the Diploma Course in Pharmacy with minimum of 50% marks (45 % marks in case of candidates of backward class categories belonging only to Maharashtra State) & medium of instruction of English from PCI approved Polytechnics/Institute"

Master of Pharmacy (M. Pharmacy)

Students who have passed B. Pharmacy at least 50 % marks in B. Pharmacy (for reservation and sponsored candidates 45%) from PCI approved institute are eligible for admission with valid GPAT score

Doctor of Philosophy (Ph.D)

As per the norms of affiliating K.B.C. North Maharashtra University, Jalgaon For eligibility and other details please visit University's official page. http://nmu.ac.in/en-us/programmes/PhD



The Total admission process is governed by the Admission Regulating Authority and Directorate of Technical Education (DTE), Mumbai to ensure its transparency, fairness and objectiveness. Candidates selected for admission in this institute and desirous of taking admission in this Institute are required to complete the admission process on or before stipulated date. The process include.

- Payment of Fees as prescribed by FEE REGULATING AUTHORITY, Mumbai
- Two passport size photographs.
- Completed Institute application form.
- Admission could be rejected for non-submission of any of the specified documents.
- The claim for admission will be lost if the admission is not secured by completing all the formalities within the specified time.
- Original plus two Photo copies duly attested of all the documents mentioned in the application form.

Documents Required

List of Document	D.Pharm	F.Y. B.Pharm	Direct S.Y.B.Pharm	M.Pharm
MHT CET / NEET/ G PAT Score Card		✓	✓	✓
Recent Passport Size Photographs (3 Copies)	✓	\	✓	✓
S.S.C. (10) Mark sheet	✓	✓	✓	✓
H.S.C. (12) Mark sheet	✓	/	✓	✓
F.Y. & S.Y. D.Pharm. Mark sheet			✓	
B. Pharmacy Marksheets (all semister)				✓
Leaving / Transfer Certificate	✓	_ /	✓	✓
Educational Gap Certificate (if applicable)		✓	✓	✓
Caste Certificate (For Reserve Category Candidate)	✓	✓	✓	✓
Caste Validity Certificate (For Reserve Category Candidate)		✓	✓	✓
Non Creamy Layer Certificate (if applicable)	/	✓	✓	✓
Nationality Certificate	✓	✓	✓	✓
Domicile Certificate	✓	✓	✓	/
Migration Certificate (if applicable)	✓	/	✓	✓
Defense Service Certificate (if applicable)	✓	_ /	✓	/
Aadhar Card	✓	/	/	/

Pharmaceutics Department

The Department of Pharmacy was established in 2007. The Department of Pharmacy conducts teaching and research activities at UG, PG and PhD levels. Formulation and development of novel drug delivery systems is a major research focus of the Department of Pharmacy. The Department of Pharmacy offers several academic programs for students pursuing a career in pharmacy. These programs provide students with a solid foundation in pharmacy, pharmaceutical technology, dosage form design, and drug delivery systems.

The Department of Pharmacy focuses on the development, formulation, manufacture, and evaluation of pharmaceutical products. The department also ensures regulatory compliance and contributes to research and development in drug delivery technologies. Its main objective is to translate drug discoveries into safe, effective and marketable medicines.

Strengths of Department

- Highly qualified and experienced faculty
- Well-equipped laboratory and facilities for formulation of conventional as well as novel formulations
- MOU with various industries for research in the area of formulation development.

 Continuous up gradation of knowledge by providing regular training to students and faculty on advanced instruments and statistical tools

 Contribution in conducting various seminars, hands-on workshops, guest sessions.

12

Equipments/instruments

- ⇒ Table Top Tablet punching machine
- ⇒ Tablet Disintegration apparatus
- Tablet Dissolution test apparatus
- Tablet coating machine
- Friability test apparatus
- ⇒ BOD Incubator
- Stability Chember
- Capsule filling machine
- Ointment filling machine
- ⇒ Hot Air Oven
- Laminar Air Flow
- Brookfield Viscometer
- All Purpose Equipment



Pharmaceutical Quality Assurance Department

The Pharmaceutical Quality Assurance (QA) Department is responsible for ensuring the quality, safety and compliance of pharmaceutical products. It implements and enforces quality systems, adheres to Good Manufacturing Practices (GMP), approves batch releases, conducts audits and inspections, and supports quality control activities. The Quality Assurance Department was established in 2012 and promotes undergraduate, postgraduate and research training and research. The department offers a master's degree program in pharmaceutical quality assurance with 15 students. The goal was to train pharmacy graduates in quality assurance to meet the evergrowing needs of the pharmaceutical industry and academia. The department is equipped with state of the art laboratories, modern facilities, equipment and competent staff.



Departments

Pharmaceutical Chemistry Department

The Department of Pharmaceutical Chemistry is one of the core departments involved in teaching and research related to drug development and discovery. Pharmaceutical chemistry, a fusion of basic chemistry and life sciences, is a multi disciplinary field concerned with the principles and applications of natural, synthetic, computational, and analytical chemistry in the discovery of chemical therapeutics to prevent and cure life-threatening diseases.

The Department of Pharmaceutical Chemistry provides all students with learning experiences based on best teaching practices in a variety of chemical subjects, including organic chemistry, medicinal chemistry, drug design, and pharmaceutical analytical chemistry. In addition, students receive hands-on training in the use of various analytical instruments such as UV-Vis spectrophotometer, FT-IR, flame photometer, HPLC, HPTLC.



Departments

Pharmacology Department

The Department of Pharmacology is concerned with the study of the interaction of drugs with the body, the evaluation of their efficacy and safety, and the development of drugs and therapeutic decisions. It studies the mechanisms of drug action, pharmacokinetics, drug safety, and personalized medicine. The department plays a crucial role in understanding the effects of drugs, optimizing drug therapies and ensuring rational use of pharmaceutical treatments.

Research and teaching in the Department of Pharmacology focus on how drugs work: from their action at the molecular level to their effects on the human body. The Department of Pharmacology thrives on its experienced faculty who are dedicated to research and results-oriented teaching. The department is well known for its research activities, infrastructure and well maintained CPCSEA approved animal house. The main objective of the department is to produce qualified graduates who will meet the healthcare needs of the society and serve the pharmaceutical sectors by providing well-trained professionals.



Departments

Pharmacognosy Department

The Pharmacognosy Department specializes in the study of medicinal plants and natural products. It deals with the identification, isolation and evaluation of bioactive compounds from these sources. Pharmacognosy is probably the oldest of the modern sciences concerned with the study of the physical, chemical, biochemical, and biological properties of natural drugs, including the search for new drugs from natural sources. The subject is one of the core subjects in the pharmacy curriculum.

Studies in this field usually focus on the traditional uses of plants and on drugs derived from plants. Pharmacognosists contribute to the development of herbal medicines, phytochemical analysis, pharmacological screening, quality control, and the study of traditional medicinal practices. Their work aims to discover and exploit the therapeutic potential of natural sources for the development of new drugs and herbal medicines.



Facilites

Modern Pharmaceutical Labs & Other Facilities



Class Room & Seminar Hall





Training and Placement Cell







Facilites

Sports and Social Activities







Boys and Girls Hostel & Transport





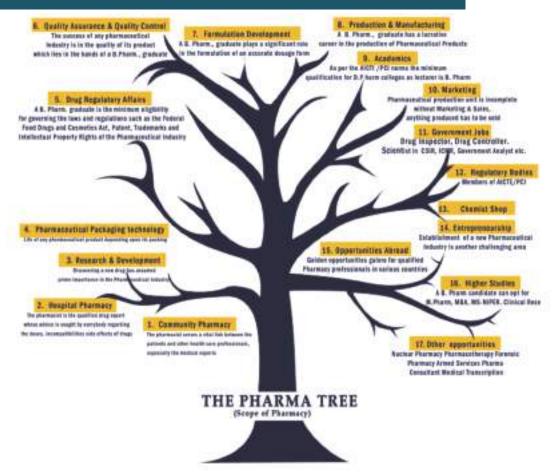


Library: Wealth of Knowledge





The Pharma Tree



Pharmacist | Pharmaceutical Industry | Regulatory Affairs

Drug Inspector | Pharmacovigilance | Entrepreneurship

Scope after D & B Pharmacy

There is a lot of job and financial security in the area of pharmacy. Because of changes in the pharmaceutical business and the growing need for healthcare services, it is expected that the number of qualified chemists will continue to rise. Chemists are very important to the healthcare business because they make sure that patients take their medicines in a safe and effective way. Because of this, the job market for pharmacy school employees is reliable and stable. Also, incomes in the pharmaceutical business are often higher than average, which makes it possible to be financially stable and enjoy a high standard of living.

Professional Growth and Development

Getting a Bachelor of Pharmacy degree after finishing the 12th grade gives you more chances to grow and improve as a professional. The pharmacy field is dynamic and always changing because new medicines, ways to treat diseases, and technological advances are always being made. Chemists can keep up with the latest changes in their field by taking part in continuing education courses, professional organisations, conferences, and seminars. Also, postgraduate programmes like the Master of Pharmacy (M. Pharm) and the Doctor of Pharmacy (Pharm. D.) help students to specialise their education and improve their job prospects by giving them more in-depth knowledge and research opportunities. Their chances of getting a job by giving them more in-depth knowledge and more chances to do research.

Mandatory Committees

- Governing Body
- Local Management Committee
- Finance and Purchase Committee
- Committee for SC-ST
- Grievance Redressal Committee
- Anti-Ragging Committee
- Internal Complaint Committee
- Gender Sensitization Cell
- Student Grievance Redressal Committee
- Women Grievance Redressal Committee
- Training and Placement Cell
- Entrepreneurship Development cell
- Anti-harassment Committee
- **○** IOAC Cell
- Student Counsellor Committee

Discipline

Rules & Regulations: Various rules & regulations are framed by the college for the safely of the student & to make education more interesting & conducive.

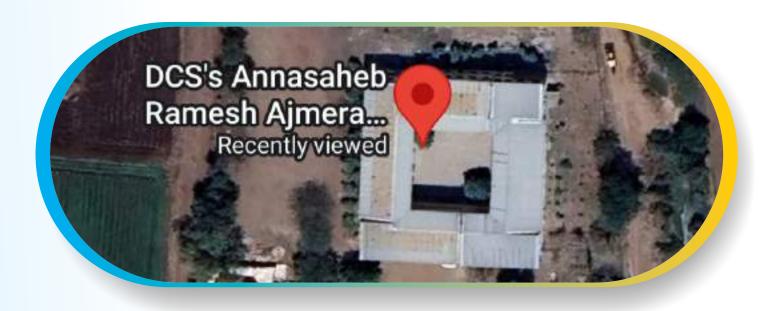
- The Student shall strictly obey the instructions given by the college from time to time.
- The student shall display his/her Smart Card.
- ◆ The Student shall be regular & punctual in attending the theory classes and practical.
- Minimum 75% attendance for the theory & Practical sessions separately is mandatory as per the rules of KBC North Maharashtra University.
- Ragging in any from within or outside the college & hostels is totally banned.
 When brought to the notice defaulters are liable for punishment as per the directives of Supreme court of India.
- The Students should not involve in any such activity which may cause damage to the college reputation as well as property.

Pharmacist's Oath

- ❖ I Swear by the code of Ethics of Pharmacy Council of India in relation to the community and shall act as an integral part of health care team.
- \clubsuit I shall uphold the laws and standards governing my profession.
- ❖ I shall strive to perfect and enlarge my knowledge to contribute to the advancement of pharmacy and public health.
- ❖ I shall follow the system, which I consider best for pharmaceutical care and counseling of patients.
- ❖ I shall endeavour to discover and manufacture drugs of quality to alleviate sufferings of humanity.
- ❖ I shall hold in confidence the knowledge gained about the patients in connection with professional practice and never divulge unless compelled to do so by the law.
- ❖ I shall associate with organizations having their objectives for betterment of the profession of Pharmacy and make contribution to carry out the work of those organisations.
- * While I continue to keep this Oath inviolated, may it be granted to me to enjoy life and the practice of pharmacy respected by all, at all times!
- Should I trespass and violate this oath, may the reverse be my lot!

Photo Gallary





How to Reach College



Annasaheb Ramesh Ajmera College of Pharmacy, 312/B, Mumbai - Agra Highway, Nagaon, Dhule - 424 005.

https://goo.gl/maps/zb81jcRcxxcYBDgZ8

Ph.: 02562 - 261021 | Fax: 02562 - 220512, 243021 | Cell: +91 9421530963

E-mail: dcsaracop@gmail.com