



PHARMAVOICE..

AISSMS SOCIETY'S COLLEGE OF PHARMACY NEWSLETTER ...



VOL. 2 ISSUE 2

OCT - DEC 2016

VISION

- To be amongst the top ten Pharmacy colleges in India by imparting excellence in Pharmacy education.
- Instilling research temperament in Pharmacy students.
- Continuous up gradation of infrastructure to maintain high standards of education

MISSION

- Inculcating timeless values of caliber, competence, confidence and conscience in budding pharmacists.
- Indoctrinate quality in all aspects of Pharmacy education thereby enabling provision of better healthcare services.

QUALITY POLICY

- The AISSMS College of Pharmacy is committed to empower our students to meet global challenges in Pharmacy profession through excellence in education.
- Our highly qualified and committed faculty is constantly exploring newer frontiers of knowledge with the intention to build quality pharmacist.
- We believe in honing the overall persona of our students through excellence in academics, co curricular and extracurricular activities.
- We strive to develop a sense of social obligation and discipline among our students not only to make a better technocrat but also a better human being.

OBJECTIVES

- To provide sufficient understanding of scientific principles and techniques of pharmaceutical sciences.
- To develop commitment for the quest of science.
- To provide comprehensive knowledge and experience.
- To provide exposure to latest techniques and technologies.
- To teach pharmacy ethics to students.
- To cater to manpower for globally growing pharmaceutical industry and for implementation of drug laws for compliance to regulatory norms.

All India Shri Shivaji Memorial Society's
College of Pharmacy
Kennedy Road, Pune-411 001

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EDITORIAL

“Students Life Is Like a Camera Focus On What’s Important And You Will Capture It Perfectly”

This quote is very true and every person always remains student in their lives. Our Journey being a Pharmavoice editor is exactly the same. Whatever knowledge we get, whatever achievements made by students we bring it in front of you and this is amazing experience for every committee member as this brings sharing of joy of success and getting a satisfaction that everyone is doing well and automatically we become more enthusiastic regarding our work. The cherring moment to share with you is success of our students in IPC-National Pharma Quiz competition.

The New Year is starting now having lot of creative ideas in mind. Let’s start the New Year with positive hopes and attitudes. We will suggest only that “Generate positive feelings and attract positive life” in this New Year.

Hoping with new suggestions and progressive success.

Again wish you a very happy new year!
TEAM PHARMAVOICE



Editorial Committee with Principal

(Sitting From L to R)

Ms. Shivani Jadhav (M. Pharm. I year)

Dr. Santosh Gandhi (Faculty Member)

Dr. Ashwini R. Madgulkar (Principal)

Mrs. Shital Patil (Faculty Member)

Mr. Deepak Patil (M. Pharm. II year)

(Standing From L to R)

Mr. Saurabh Rohom (B. Pharm. I Year)

Mr. Vaibhav Ghegade (B. Pharm. II Year)

Mr. Rushikesh Sonaikar (B. Pharm. III Year)

Ms. Aditi Kinikar (B. Pharm. IV Year)

NEWS & EVENTS

1. AISSMS College of Pharmacy Pune has conducted Health check up for first year students under Students Health Services Scheme of Savitribai Phule Pune University on 17th October 2016. Students’ Health Services Scheme was established by the University of Pune to promote physical, mental & social well being of the students.



- This is for benefit of the students as unrecognized disease/s which they are not aware of can be detected at the time of the check-up and the treatment can be taken at appropriate time. The students are advised to correct the illnesses detected at the time of health checkup.
2. **SYNAPSE 2016:** Our college conducted one day state level Poster presentation competition “SYNAPSE”- 2016 on 14th October 2016. Core Committee members (Teaching) were, Dr. M. C. Damle, Dr. M. R. Bhalekar, Dr. M.R.P. Rao, Dr. T. S. Chitre and Students Core Committee was formed by Mr. Abhilash Ghanwat and Ms. Amita Pardeshi along with all the selected student volunteers. Publicity committee was headed by Dr. S. V. Bhandari and we got a huge response for the competition and scientific committee headed by Mrs K. D. Asgaonkar and Dr. Sachin Temburne, shortlisted the abstracts based on scientific content. Total Number of Participants selected for U.G. was 25 and Total No of Participants for P.G. were: 36.

Sponsorship committee (Mr. Rahul Padlakar and Mrs. V. N. Wable) were successful in getting sponsors. Task of registration was handled by Mrs Swati Kolhe and Mrs. S. M. Patil. The reception committee was handled by Mrs. Amruta N. Awalaskar and Mrs. Rashmi Jadhav. Inaugural session was taken care by Mrs. S. H. Rao and Mrs. Reshma. N. Mirajkar. Dr. Ashwini Madgulkar and Management dignitaries were present for inaugural session. Dr. Anshuman Ambike and Dr. D. G. Naik were Guests for the session. As a part of our ecofriendly initiative all the guests were presented with a bouquet made by hand for the recyclable resources by our students.

(U.G) were Mr. Nitin Wable (Seum Institute of India) and Dr. Samy Mukhopadhyaya (V-Life Sciences) and evaluators for P.G. were Dr. D. G. Naik and Dr. Abhijit Gothoskar. Excellent hall and arrangement for poster display as well as total expenses and audit was taken care by Dr. S. V. Gandhi, Mr. Jitendra Gajbe and Mrs. Rucha Kulkarni. Hospitality was very well handled by Dr. Mithun Bandivadekar. It was a hectic job for judges to carry out screening of the entire posters and in the end a team of Aman Padmase and Yash Nandwani from Aissms College of Pharmacy were declared winners and U.G.Runners up were also from Aissms College of Pharmacy. viz. Ms. Vidhi Shah, Ms. Sachi Upasani, Mr. Varun Tapadiya, Mr. Indrajeet Mohite. Mrs Rashmi C.Yadav (Asst. Prof. Pharmacognosy) was the mentor for this group. P.G.Winners were also from Aissms College of Pharmacy, Shreya Bedekar, Neeraja Sathe, Abhilash Ghanwat. Dr.Ashwini Madgulkar and Dr.M.R. Bhalekar were mentors for this group. Kalyani Dhaigude, Department of Pharmaceutics, Sinhgad Institute of Pharmacy , Pune, India was declared runners up from P.G. category. Cash prizes were given to the winners. Mr. P. B. Deshpande handled the publicity of the event.



Inaugural Session – SYANPSE 2016



Inauguration of P.G. Poster Session



Inauguration of U.G. Poster Session



Evaluation in process of U.G. Poster Session



U.G. Winners: Ms. Vidhi Shah, Ms. Sachi Upasani, Mr. Varun Tapadiya, Mr. Indarjeet Mohite and Mrs. Rashmi Yadav from AISSMS College of Pharmacy.



U.G. Runners up: Aman Padmase and Yash Nandwani from AISSMS College of Pharmacy.



P.G.Winners: Shreya Bedekar, Neeraja Sathe, Abhilash Ghanwat from AISSMS College of Pharmacy



P.G.Runners up: Kalyani Dhaigude, Department of Pharmaceutics, Sinhgad Institute of Pharmacy, Pune

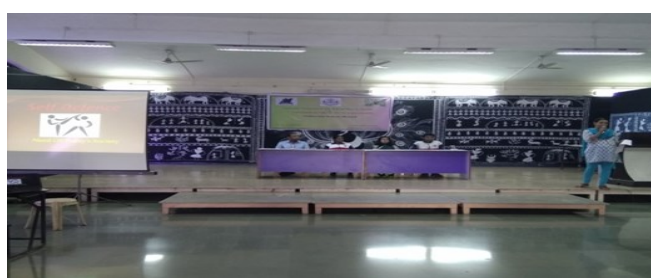
3. Guest lecture was arranged by guest lecture committee (Dr. MRP Rao, R. C. Yadav) during the event of "Synapse 2016" on 14/10/2016 for students and delegates on the topic "Career avenues in pharmacy" by Dr. Parag Mahulikar, Dr. Ulhas Karkhanis and Dr. Svetlana Tatuskar of IES-MCRC, Mumbai
4. EVS field trip was arranged for second year B. Pharm. (Sem III) students on 15/10/2015 (Saturday) at Thosegher and Sajjangad. 67 students were accompanied by 4 staff members viz., Mrs. Vidya Wable, Mrs. Swati Kolhe, Dr. Mithun Bandiwadkar, and Mr. Jitendra Gajbe. Students were taken to Thosegher and Sajjangad situated in Satara district. The students gained a thorough exposure to different ecosystems, plants species, and their uses at deciduous forest. Students were explained regarding extinction of various plant species in India and also existence of Rehabilitation centres. Further moving on environmentalist Dr. Swapnil Seth and wildlife warden Mr. Patankar discussed about various types of plants and animal species residing in the deciduous forest which being a part of western ghats.



5. Ms. Meghana Mokashi, Ms. Sharvari Kshirsagar, Ms. Vidhi Shah, Ms. Sachi Upasani under UG category; Ms. Shweta Padher, Ms. Neeraja Sathe, Ms. Snehal Dumbre, Mr. Uday Harne from PG category and Mrs. Amruta Avalaskar and Mr. P. B. Deshpande participated in Zonal level Research project Competition, AVISH-KAR-2016 on 15th October 2016 under teacher category, held at Sinhgad institute of Pharmacy, Narhe.



6. In the month of October, 2016, our two Library Staff (Mrs. Shobha Jadhav, Librarian and Mrs. Maithili Joshi, Assistant Librarian) attended National Workshop on "Doors are open : Know about Open Access" organized by AISSMS's College of Engineering on 20th and 21st October, 2016
7. Our students Abhilash Ghanwat, Anil Kadam, Jagruti Chaudhary, Sumedha Andure attended workshop on "Role of technology transfer in pharmaceutical industry", held at Dr. D. Y. Patil College of pharmacy, Pune dated 21st – 22nd October 2016.
8. A one day workshop sponsored by Savitribai Phule Pune University, Vidyarthi Kalyan Mandal on Personality Development- Self Defense techniques for students was organized on 10th November 2016 under Vyaktimahatva Vikas Yojana. The workshop included lecture, demonstration and practical training to students for different self defense techniques by Ms Shripriya Modale, Ms Parnavi Joshi and Mr. Omkar Gurav.





9. Awareness Programme on Gender Equality:

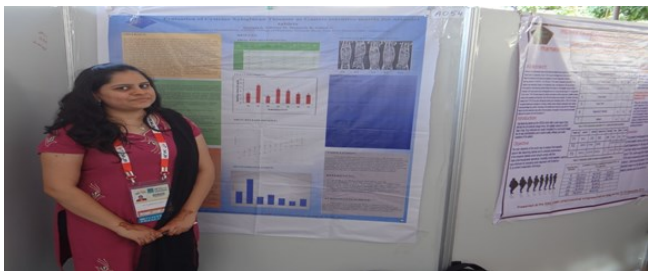
In order to promote gender equality, Awareness Programme was conducted on 10/11/2016 at Auditorium for students. In this programme, film fest/ short movies on gender equality was shown to students. In this programme Nodal officers have also discussed the various issues of women's related with gender inequality especially who are living in rural area. The main motive of this film fest was to sensitize the students and create positive social norms that value the girls regarding equality in society so they change the mode of interaction at all level - home, college, and workplace and so on, as well as to make aware others.



10. In the month of November 2016; Mrs. Shobha Jadhav, Librarian and Mrs. Maithili Joshi, Assistant Librarian attended one day Workshop on 'DELNET : Resources, Services and Facilities and Open Source Software for Libraries' organized by DELNET in collaboration with Bharati Vidyapeeth Deemed University, New Law College, Pune held at BVDU, NLC, Pune on 12th November, 2016.
11. An exhaustive session of 09 hrs as Faculty development program was organized by Dr. MRP Rao and Mrs. R. C. Yadav on 6th December 2016 for the teaching staff which was conducted by Mr. Sujeet Shinde, CEO of Training India, Pune. The session included presentation skills, teaching techniques, team building, etc for upgrading the teaching skills and soft skills of all the faculty members which will improve their skills and ultimately cause effective conduct of lecture and practical for students benefit.



12. M. Pharm. students Abhilash Ghanwat, Shreya Bedekar, Monali Jadhav, Laxmi Babrekar, Chhavi Singh, Neeraja Sathe attended and presented research work at *68th Indian Pharmaceutical Congress* held at Visakhapatnam, Andhrapradesh on 16th-18th December 2016.



13. M. Pharm. Thesis of Miss. Amrita Dikpati (Department of Pharmaceutics) and Mr. Akshay Pahade (Dept. of Quality Assurance Techniques) has been sent for Best M. Pharm. Thesis Award in Pharmaceutical Sciences. The thesis of Miss. Amrita Dikpati has been further shortlisted for next round by PharmInnova Award committee.

14. **Delivering Change Forum CONFERENCE REPORT**-An international conference was organized by Delivering Change Foundation in association with Government of Maharashtra on Tuesday, 24th, and Wednesday 25th January 2017 at Nehru Central, Varali, Mumbai. YIN members, Shraddha Shukla, Pranoti Bharati. (S. Y. B. Pharm.), Krishna Wadekar, Sanjana Shah (T. Y. B. Pharm.) represented the college at the conference. The function was inaugurated by Chief Minister of Maharashtra, Mr. Devendra Phadanavis, and hosted by Abhijeet Pawaar, Founder and Chairman of Delivering Change Foundation, and M. D., Sakaal Media Group.



STUDENTS ACHIEVEMENTS



- Two groups from PG category Viz. Ms. Shweta Padher, Ms. Neeraja Sathe (Guided by Dr. Ashwini Madgulkar, Dr. Mangesh Bhalekar) and Ms. Snehal Dumbre, Mr. Uday Harne (Guided by Dr. M. C. Damle) got selected for next round of (University level) Research project Competition, AVISHKAR to be held at SPPU in January 2017
- Grand success of our students – Mr. Yash Nandwani, Ms. Aditi Kinikar, Mr. Aman Pad-

masey and Ms. Pratiksha Deodhar of Final year and Third Year B.Pharm had participated in **IPA - 68th IPC organized National Pharma Quiz on 27th of November 2016 held at Vishakhapatnam**. Our team was ranked **1st (ALL INDIA RANK)** among 220 registered colleges. They have won a cash prize of Rs 20,000/- along with certificates and college has also been awarded with a trophy.



STAFF ACHIEVEMENTS



1. Dr. Mangesh R. Bhalekar and Dr. Ashwini R. Madgulkar received third best prize for research paper by Indian Journal of Rheumatology. The award was presented at IRACON 2016 held at Cochin at the hands of Prof Anand Malviya.



Congratulations

COLLEGE ACHIEVEMENTS



THIS WEEK IN SCIENCE

OBESITY: DON'T BLAME IT ON THE GENES YET

Is obesity and skinniness hard-wired in genes? While the age-old nature versus nurture conundrum is here to stay, researchers from the TCS Innovation Labs in Pune have added an interesting twist to the debate. Human gut has over a 1,000 microbial species. Some of them secrete Carbohydrate Active Enzyme (CAZyme), essential for breakdown of carbohydrates. Researchers analysed the gut microbes of individuals from different worldwide locations and of different age groups. They found that 1/3rd of all the CAZymes in the gut are common to all individuals. But the CAZyme abundances showed a location-specific trend: it is higher in rural population with carbohydrate rich diet. So, diet does influence the microbes in gut. The diversity of CAZymes in children showed high fluctuations, confirming that gut microbiota stabilises with age.

The researchers also found 10 CAZyme families which were seen to be associated with obesity. Most of these come from Firmicutes bacteria. So perhaps it is not only your genes, but also the bacteria in your gut that determine whether you are overweight or not.

GOKUL RAJAN
PLOS ONE

TAMARIND SEEDS TO IMPROVE DRUG ACTION

The problem with some medicines is poor solubility. They are not absorbed properly. Simply allowing the drug to remain longer in the stomach can facilitate better drug absorption.

Scientists from AISSMS College of pharmacy, Pune, have created a conjugate using tamarind seed extract to boost drug action. Xyloglucan is a polymer isolated from tamarind seeds. It binds to the mucus lining of the stomach and remains there for longer duration. Scientists conjugated xyloglucan with cysteine – an amino acid – to check whether it enhances the association of the drugs with the stomach. They used this xyloglucan conjugate to develop op tablets containing a test drug – simvastatin.

Simvastatin is a lipid lowering agent prescribed to reduce the chances of heart attacks and complications of diabetes. But it is not very soluble in water.

They tested the tablets in rabbits and sheep intestines and found that the test drug was retained longer and permeated better – an effect that increases with the concentration of the polymer used. The use of such biocompatible conjugates, they say, can make drugs with poor solubility, more efficient.

Tamarind seed is used primarily in the textile industry today, for sizing cloth. It now appears that pharma industries will also start sourcing it soon.

SARAH IQBAL
CARBOHYDRATE POLYMERS

PET TO PREVENT WATER LOSS

In the last monsoon, Pune did not get adequate rain. And the farmers are concerned. They have irrigation tanks, but about 10 per cent of the water evaporates and is lost. Vigyan Ashram, Pune, collaborated with MIT, Massachusetts, to find ways to lessen the water loss. And the solution they identified is low cost: used PET bottles.

Floating empty PET bottles on water bodies can prevent water loss. But the bottles tend to roll exposing thin water films to outside air and increase water loss. So they put some sand in the empty PET bottles and stabilized them. Experiments revealed that loss can be reduced by 40% with this simple and easy to follow trick.

Covering the tanks with plastic sheets costs more and prevents occasional showers from entering the irrigation tanks. Scientists confirm that there is no toxic effect of chemicals leaching from the PET bottles. The PET bottles can be used for more than 10 years in this manner. PET bottle waste produced by Pune in a year can cover approximately 1,300 irrigation tanks!

UDHAM P K
JOURNAL OF IRRIGATION AND DRAINAGE
ENGINEERING

Recognition of AISSMS Research Work by Sakal Times

"Nutrition isn't about eating; it's about learning to live." ~ Patricia Compton

UPCOMING EVENTS



1. A One day state level seminar sponsored by Savitribai Phule Pune University on “Insights on different funding agencies and Research Proposal writing” is organized on 31st January 2016.

Savitribai Phule Pune University Sponsored
One Day State Level Seminar on

INSIGHTS ON DIFFERENT FUNDING AGENCIES AND RESEARCH PROPOSAL WRITING

31st January 2017

REGISTRATION FORM

Name of the Delegate : _____

Name of the College/Institute: _____

Address: _____

Mobile No.: _____

E-mail ID: _____

Signature of Applicant _____

HOD/Principal _____ (Seal and Signature)

Please e-mail scanned copy of registration form to : qipaissms@gmail.com

For any queries contact :

Mrs. Vidya N. Wable Asst. Prof. (8446384356) Mrs. Rashmi C. Yadav Asst. Prof. (9822062889)

OFFICE BEARERS OF ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY, PUNE-5

Shri Shahu Chhatrapati Maharaj, Kolhapur
President

Shri Sambhajiraje Chhatrapati
Vice – President

Shri Malojiraje Chhatrapati
Honorary Secretary

Shri Suresh Pratap Shinde
Honorary Joint Secretary

Shri Ajay Uttamrao Patil
Treasurer

Shri V. B. Patil
Chairman, Governing Council

Shri Sahebrao R. Jadhav
Chairman, Managing Committee

College Location Map

Savitribai Phule Pune University
Sponsored

ONE DAY STATE LEVEL SEMINAR ON

INSIGHTS ON DIFFERENT FUNDING AGENCIES AND RESEARCH PROPOSAL WRITING

31st January 2017

Organized By

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF PHARMACY
Kennedy Road, Near RTO, Pune-411001
Tel: 020-26058204/26058208
Website: www.aissmscop.com

CONVENER
Dr. Ashwini R. Madgulkar
Principal

Coordinators
Dr. M. C. Damle Dr. M. R. P. Rao

About All India Shri Shivaji Memorial Society
To promote the noble cause of education, All India Shri Shivaji Memorial Society was established in 1917 by Rajarshi Chhatrapati Shahu Maharaj of Kolhapur and H.H. Shri Madhavrao Scindia Maharaj of Gwalior. The Society is running around 13 institutions spread over three campuses near RTO, Shivaji Nagar and Bori Bhadak in Pune. These institutes offer full-fledged education and training facilities in the field of Pharmacy, Engineering, Management, Polytechnic, Hotel Management etc. in addition to Nursery, Primary, Secondary and Higher Secondary (Jr. College) education. The AISSMS Campus has all the basic amenities such as Hostels, Auditorium, Canteen, Playgrounds and much more.

About All India Shri Shivaji Memorial Society's College of Pharmacy:
The college was established in the year 1996 to produce Pharmacy professionals of caliber, competence and conscience through quality education and to cater to the needs of skillful and knowledgeable human resource with healthy attitude for pharmaceutical industries and healthcare systems.

The college is approved by Pharmacy Council of India and All India Council for Technical Education

recognized by Government of Maharashtra and affiliated to Savitribai Phule Pune University and has been accredited by NBA (B.Pharm) and included under section 2(F) and 12 (B) of UGC Act 1956.

The college has been ranked 33rd by National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India. The college offers undergraduate, post-graduate and doctoral programmes in Pharmacy. Undergraduate course has the intake of 60 whereas postgraduate courses are offered in **Pharmaceutics, Quality Assurance, Pharmaceutical Chemistry and Pharmacology**. Ph.D. programmes are offered in **Pharmaceutics & Pharmaceutical chemistry**. The institute boasts of robust infrastructure and advanced instrumentation.

AIM AND SCOPE OF SEMINAR
Strengthening of infrastructure in higher educational institutions is the need of the hour for imparting quality higher education and conducting advanced research. A plethora of government funding agencies in India provides the necessary support to institutes to upgrade their facilities as well as to undertake research in upcoming fields. Research proposal writing is, hence critical to receive funds from the funding agencies as the screening process is very stringent and competitive.

This quality improvement program aims to provide insights into technical aspects of research proposal writing with focus on some government funding agencies such as DST, UGC, DBT, AYUSH, to name a few. The resource persons include senior academicians and research scientists who have received funds from these premiere funding agencies. It will help PG students, academicians and research scholars from all over Maharashtra to understand the intricacies of successful research proposal writing.

Resource Persons

Dr. N. K. Subhedar
Professor
Indian Institute of Science Education and Research, Pune

Dr. Shobha Rao
Director, Research and Training
Society for Initiatives in Nutrition and Development, Pune

Dr. Vaishali Shinde
Professor
Dept. of Chemistry, SPPU, Pune

Dr. Jaiprakash Sangshetti
Associate Professor
Y. B. Chavan College of Pharmacy, Aurangabad

Dr. Ghazala Mulla
Assistant Professor and HOD
Dept of Physiology, Z. V. M. Usani Medical College and Hospital, Azam Campus, Pune

Schedule :

Registration	09.00 AM
Inauguration	10.00 AM
Session I	10.30 AM - 11.30 AM
Session II	11.30 AM - 12.30 PM
Session III	12.30 PM - 1.30 PM
Lunch	1.30 PM - 2.30 PM
Session IV	2.30 PM - 3.30 PM
Session V	3.30 PM - 4.30 PM
Valedictory Function	4.30 - 5.00 PM

Last date of registration is 21st January 2016

2. NSS Special camp between 1st to 7th February 2017 at Daundaj. The activities planned include Gram swachchata, health survey, health checkup, tree plantation, etc. 25 students and four faculty members will participate in the camp.
3. Alumni Meet-25th February 2017.
4. To built the industry –institute relation and inculcate professional aspect the industrial visit is being planned for the M. Pharm students and B. Pharm students
5. We are organizing one day Skill development programme named “ Team Building & Collaboration Skill Programme” shortly for our Non Teaching Staff in February 2016
6. Sports Week -26th January to 5th March 2017
7. To provide an expertise lecture on various topic related to carrier, subject expertise, overseas education the guest lectures will be arranged by the Guest lecture Committee.
8. Prize Distribution Ceremony in March 2017.
9. Visit to Savali Assoc For Mr & Cp Children, Social Welfare Organization, Address: Plot No 13, Bhusari Colony, PMT Depot, S No 78, Near Pavd Road, Kothrud, Pune, Maharashtra 411038- in March 2017.

You are what you eat- so don't be Fast, Cheap, Easy or Fake.

DID YOU KNOW: PROBIOTICS: A NEW APPROACH TOWARDS BOWEL HEALTH



Many of us would have laughed at the idea of tiny micro-organisms living in our intestines a decade ago, but nowadays the layman has been acquainted with these creatures in our system and a vital role they play in keeping our bowel in working condition, hence called “friendly bacteria”, which are around 400 species. (Surprise!)

This microbial flora performs multitude functions in the colon part of large intestine, regarding metabolism of food consumed, medicinal components taken, production of vitamins, and what not. Unfortunately, when antibiotics, a widely used class of medicines used to treat infections, when taken orally, kills this population which is not desirable. There are many other incidents which kill these bacteria. This problem has given rise to an idea and a nutritional product called as **Probiotics**.

WHO defines probiotics as “Live microorganisms, which, when administered in adequate amounts, confer a health benefit on the host. These probiotics are available in foods, dietary supplements and other forms as well, famous ones being **yogurt, fermented and unfermented milk, soy beverages etc.** the bacteria could be added during the preparation or may have been present from the beginning.

In a community where the health consciousness has been recently imbibed through internet and media (a decade has been spent on it!), the products are widely famous and have created a consumer base being nutritional products. They are used as CAM (Complementary and Alternative Medicine.) The awareness about their rational use, however, is still on the way.

Even if the science regarding these products is developing rapidly, more information is needed with regards to effects on elderly people, and also children and those with low immunity. Whenever probiotics are being used, the family doctor should be informed about the dose, duration and other details.

The side effects of probiotics, if seen, are mild and related to digestive system, such as gas or bloating. More serious effects have been observed in some people. The probiotics may in theory cause infections, especially in patients which already have health problems. They can also cause some unhealthy changes in metabolism or even unnecessary stimulation of immune system.

In the era, where drugs may fall short in treating disease, this alternative may open the doors to good health, only if investigated thoroughly and used judiciously.

SCOPE OF PHARMACY– ASSISTANT DRUG INSPECTOR



So far, we have looked at the various administrative posts in the CDSCO. This includes- Joint Drugs Controller, Deputy Drugs Controller and Drugs Inspector. To wrap up this segment, we will explore one last position, the Assistant Drugs Inspector.

The Assistant Drugs Inspector occupies the lower-most rung in the above-stated hierarchy of the CDSCO. As evident, they function as the assistants to the Drug Inspectors.

EMPLOYED BY

Central Drugs Standards Control Organization (CDSCO), Ministry of Health & Family Welfare, Government of India.

SCOPE

This position forms a point of entry for any student who wishes to pursue a career in the government pharmaceutical services. Due to the minimal nature of qualifications required, it is a relatively easy position to secure. The age-limit constraint makes it an ideal position for young pharmacy graduates.

With an excellent opportunity for career growth, in terms of promotion to Drugs Inspector, Assistant Drugs Controller and so on, this position can help one kick start his/her career in the government services.

ELIGIBILITY

1. AGE

Not exceeding 30 years (Relaxable by five (5) years for Government servants and for SC/ST/OBC as per standing orders of the Government of India)

2. ESSENTIAL QUALIFICATIONS

(A) EDUCATIONAL

A degree in Pharmacy/Pharmaceutical Sciences or Medicine (with specialization in Clinical Pharmacology) or Microbiology from a recognized University or equivalent.

(B) EXPERIENCE

No previous job experience is expected.

EXAMINATION

Candidates possessing minimum prescribed qualifications are shortlisted based on their educational qualifications and academic records.

At times, a screening test may also be conducted (at the discretion of the Commission). Selected candidates may be required to undergo a written proficiency test wherever required or considered necessary by the Commission.

All examinations/interviews are conducted by the Staff selection Commission(SSC) , Government of India.

Details of the exact procedure are subject to change, but are usually stated in the vacancy circular.

PAYSCALE:

Rs.9300-34800 with Grade Pay of Rs. 4200/- (General Central Service, Group 'B', Non-Gazetted, Non-Ministerial).

DUTIES

1. To assist in evaluation of safety, efficacy and quality of drugs as per requirements of Drugs and Cosmetics Act, 1940.

2. To carry out field duty in assisting superiors/ Drugs Inspectors in obtaining samples, carrying out enforcement activities like raids/inspections and launching prosecution.

3. To assist CDSCO officers in monitoring documentation.

4. To carry out duties as may be assigned under the Drugs & Cosmetics Act and rules framed there under.

REFERENCES:

Career as Assistant Drugs Inspector. Pharmatutor: Pharmacy Infopedia.

Available from: <http://www.pharmatutor.org/content/november-2014/career-assistant-drugs-inspector-staff-selection-commission?page=1>

Accessed: 15th January, 2017

SCIENTIFIC CONTENTS: PHARMACY INDUSTRY-**CADILA PHARMACEUTICALS LTD.**

Cadila was founded in 1952 by Ramanbhai Patel (1925–2001), formerly a lecturer in the L.M. College of Pharmacy and by his business partner Bhavya Modi

In 2010, Cadila Healthcare received a Wellcome Trust Award under the "R&D for Affordable Healthcare in India" initiative.

In 2014, Cadila Healthcare launched the world's first adalimumab biosimilar under the brand name **Exemptia** at one-fifth the originator's price. Zydus Cadila Healthcare has also launched its first research based drug molecule Saroglitazar in treatment of Diabetic Dyslipidemia under brand name "Lipaglyn"

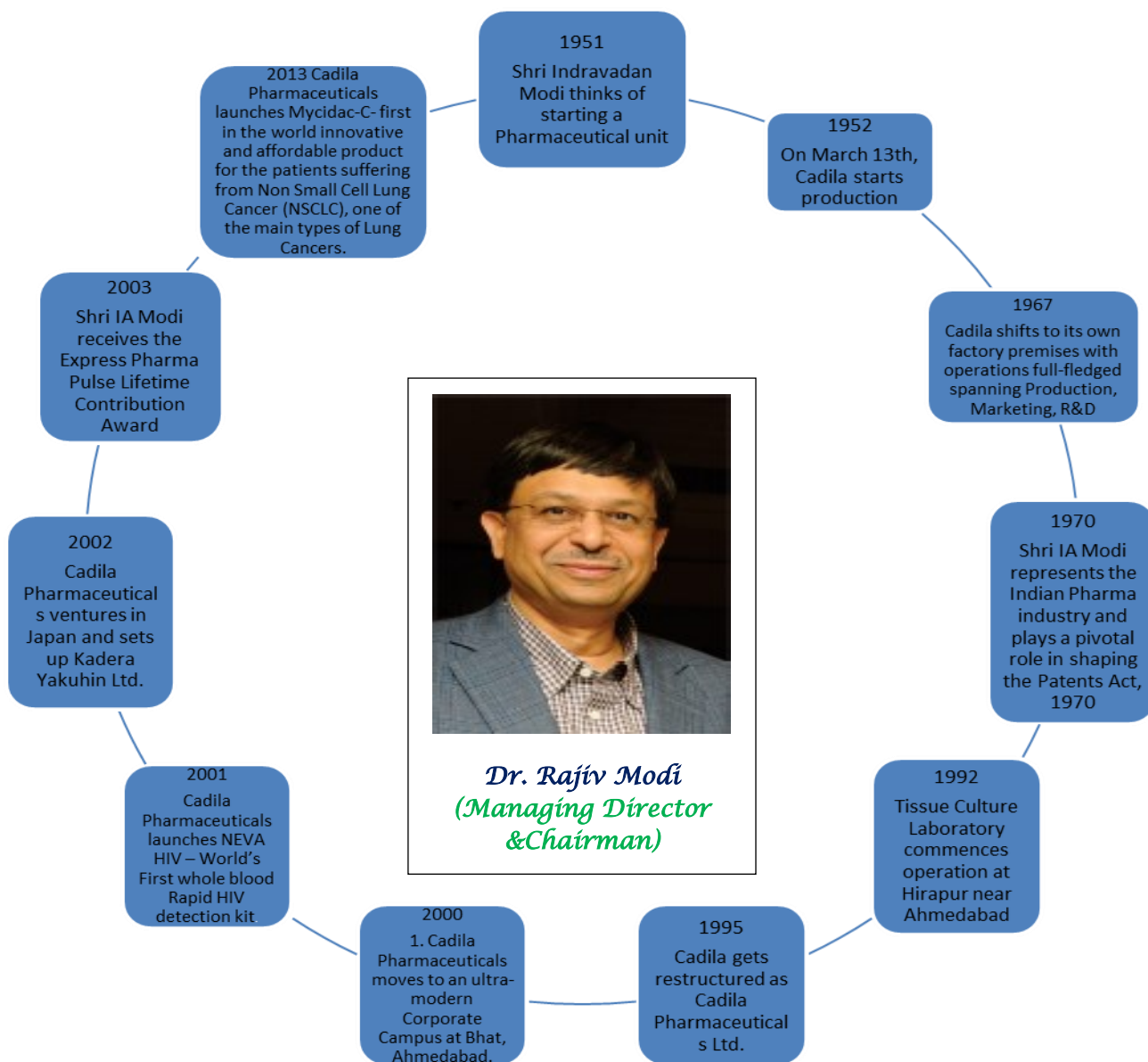
Our vision is to be a leading pharmaceutical company in India and to become a significant global player by providing high quality, affordable and innovative solutions in medicine and treatment."

Products in the market:

Candila have many more API and formulations in the market. Few of the champion brands are as given below:

Polycap	Risorine	Mycidac-C	ACILOC	ENVAS
CALCIROL	HAEM P	TRICORT	FLUDAC	RABELOC
VASOGRain	TRIGAN-D	MYCOBUTOL	P-Zide	Nodon

Milestones Achieved :-



Contact Details:

Sarkhej-Dholka Road, Bhat, Ahmedabad-382 210, INDIA.

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E-mail : website@cadilapharma.co.in

GO CASHLESS...

GO DIGITAL...



India moves towards

Cashless Transactions

to fight Black Money & Corruption



डिजिटल अपनाओ
मज़बूत भारत बनाओ



Go Digital, Get Benefits



Discount of 0.75% on digital payment at Central Government Petroleum PSUs



10% discount for toll payment on National Highways using RFID card/Fast Tags in 2016-17.



Discount of 0.5% for monthly or seasonal tickets on digital payments from 1st Jan 2017 on suburban railway network
Free accidental insurance upto Rs 10 lakh on buying online ticket in Railways



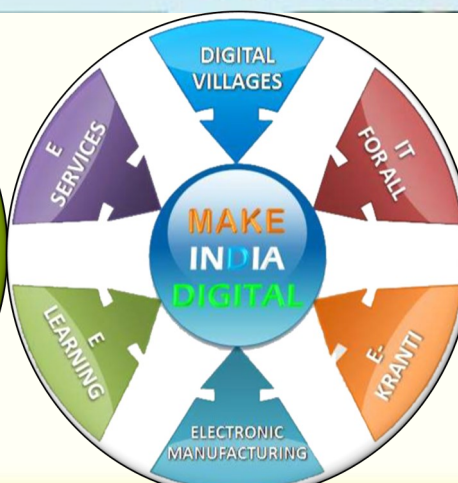
No service tax on digital transaction charges/MDR upto Rs.2000 per transaction



Discount or credit of upto 10% on the insurance premium sold through the customer portals of public sector insurance companies on digital payment.



Rural Regional Banks and Cooperative Banks to issue "Rupay Kisan Cards" to 4.32 crore Kisan Credit Card holders. Government will support this through NABARD.



"Status now is not whether you are awake or asleep, it is whether you are online or offline". 12