

PHARMAVOICE..

AISSM SOCIETY'S COLLEGE OF PHARMACY NEWSLETTER ...



सत्याला मरण नाही



VOLUME 1, ISSUE 1

JULY - SEPT. 2015

PRESIDENT'S MESSAGE

I am delighted to know that AISSM Society's College of Pharmacy is bringing out the first issue of its quarterly Newsletter, "**Pharmavoice**". This will act as a source of information and will update the students, staff as well as the parents on the advances in the area of Pharmacy and forthcoming events not only at the institutional, but also at the national level.

I take this opportunity to address the parents, who have chosen our Institution to educate their wards. The institution strives to excel in and cover every aspect and sphere of activity to shape the students in becoming great Pharmacists in the future.

I would like to congratulate the College of Pharmacy for this initiative taken by it, in ensuring the over-all development of the students and the others associated with it.



Shri. Shahu Chhatrapati Maharaj
President

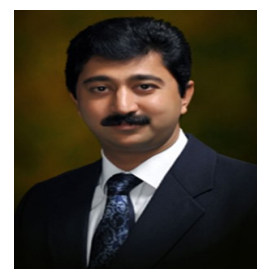
All India Shri Shivaji Memorial Society, Pune

This newsletter will act as a reliable source of information and ideas of the current happenings in the Industry. I am certain that this will keep the students well-informed of the advances and challenges they would soon face.

Wishing you all the best in every endeavor to make "**Pharmavoice**" a success in the years to come.

HONORARY SECRETARY'S MESSAGE

AISSM Society's College of Pharmacy was established in 1996, and since then is a proven beacon for the field of Pharmaceutical education in and around the city of Pune. The college owes its success to its faculty members, students and the parent society, the AISSMS. We, at the AISSMS, focus solely on our aim of continuing the task of social reformation through education as envisaged by Rajarshi Chhatrapati Shahu Maharaj. I would like to congratulate all the faculty members and students of AISSM Society's College of Pharmacy for introducing the Newsletter "**Pharmavoice**" which will be a sort of window on the world of Pharmacy. This newsletter is an effort to compile and present to the students challenges and expansions they would face and enter into once they begin their journey in the industry. Meanwhile, it will update the students



Shri. Malojiraje Chhatrapati
Honorary Secretary

All India Shri Shivaji Memorial Society, Pune

on the current conditions in and out of the college.

I take this opportunity to congratulate the editorial board, teachers and students for the efforts made and the contributions given for bringing out this newsletter, and wish them all the best for their future.

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

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PRINCIPAL'S MESSAGE

It gives me immense pleasure to present to you the first edition of our very own newsletter, **"Pharmavoice"** as I feel that this would expand the horizons of knowledge and creativity of the students. The newsletter aims at providing information and highlighting various advances and improvements in the field of Pharmacy. AISSM Society's College of Pharmacy has left its mark on the map of Savitribai Phule Pune University, and is committed to providing excellent academic demands and extra-curricular activities, while balancing both the sectors perfectly.

As a Pharmacist, we need to play more proactive role in healthcare profession. Therefore, it is extremely important for us to develop awareness and play our role in the chain of the Medical profession, which can be done by organizing various camps, campaigns, competitions, and other activities. But before that, we must ourselves be aware and informed of our role and stand in the present Society.



Dr. Ashwini R. Madgulkar
Principal, AISSM Society's College of Pharmacy

This is the sole aim and objective of introducing this newsletter.

I wish the editorial board, faculty members and students all the best in this new venture, and also congratulate them for their dedicated efforts put in to bring out this newsletter.

EDITORIAL

"A man may die, nations may rise and fall, but an idea lives on forever"

As aptly remarked by President John F. Kennedy, the 35th President of The United States of America, it is often observed that it is only the physical manifestations of these intellectual and creative ideas, which survive the incessant churning of the Wheel of Time.

And what better way to do this than by introducing our newsletter, **"Pharmavoice"** a compendium of all the brooming ideas which constantly surface within the institute.

The field of Pharmacy has lots of opportunities for talented and dedicated people, some of which still remained unexplored. This newsletter aims to keep the students updated with the continuous critical and competitive circumstances at college & in the industry. We must leave no stone unturned in continuously honing our skills and using them appropriately for the betterment of the public. The newsletter also will focus on creating an awareness about various health issues through the section "Did You know". We, at the Editorial Board, will thus work towards fulfilling this very aspect by publishing this newsletter.



Editorial Committee

(From L to R Sitting)

Ms. Pallavi Shirsat (M. Pharm. I year)

Mrs. Shital Patil (Faculty Member)

Dr. Santosh Gandhi (Faculty Member)

Mr. Ajinkya Deosthali (M. Pharm. II year)

(From L to R Standing)

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

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

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

Mr. Vaibhav Kalokhe (B. Pharm. IV Year)

We wish to thank the Principal, teaching and non-teaching faculty and the students for their help and support in completing this task.

NEWS & EVENTS



1. A one day workshop on 'Yoga' was conducted on 24th June 2015. The staff and students alike were guided by Dr. Asmita Pargaonkar to this 5000 year old Indian Practice. The workshop also included various first hand demonstrations by Dr. Pargaonkar herself.



2. An Orientation Programme was organized for B. Pharmacy (First Year: Semester-I) students on 28th July 2015. Students and their parents were welcomed to our 'family' with a speech by Mrs. V. N. Wable. Mrs. Shital M. Patil highlighted infrastructural facilities, College rules & regulations and the Examination Pattern; Mr. R.R. Padalkar emphasized on the Scope of Pharmacy; Dr. S. V. Bhandari talked about AISSMS Pharmacy Graduates Association. The programme concluded with a vote of Thanks by Dr. M. M. Bandiwadekar .
3. Parents Meet for Second Year, Third Year and Final year B. Pharmacy was conducted on 31st July 2015. A total of 94 parents were present for the meet. The parents were appraised about the mentor system, Earn & learn System, Career guidance lectures, attendance system etc.



4. An orientation Programme was also organized for M. Pharmacy (I year) students on 04th August 2015. Dr. Santosh Gandhi highlighted infrastructural facilities, Dr. M. R. Bhalekar explored the various aspects of the curriculum, Dr. S. V. Bhandari talked about AISSMS Pharma Graduates Association and Dr. M. M. Bandiwadekar made the students aware about University -sponsored 'Student Development Schemes'.



5. Our College organized a guest lecture on Faculty development program for all teaching staff by Dr. Mangesh Dash from Twaran acceleration on 4th Aug 2015
6. AISSMS Pharma Graduate Association (APGA) in association with "Sassoon Blood Bank" organized a Blood Donation Camp on 13th August 2015 at our college. The event received an overwhelming response from students and staff volunteers from all colleges under AISSMS banner. There were more than 280 people who volunteered for the event and a total of 242 blood bags were collected.
7. The college has initiated the 'Earn & Learn' scheme with the sponsorship of Savitribai Phule Pune University for the year 2015-16. A total of seventeen students from the B. Pharmacy & M. Pharmacy courses have been enrolled under this scheme. .
8. Teacher's Day was celebrated with great zest by the students. Senior students took charge as 'teachers' for the day and conducted theory & practical lectures for Juniors. The best student teacher for theory & practical were awarded trophies sponsored by APGA with honourable hands of our Principal Dr. A. R. Madgulkar.
9. The college has received a grant for the 'Vishesh Margadarshan Yojana' from Savitribai Phule Pune University. This scheme is applicable for category students. Under this initiative, students from F. Y. B. Pharmacy are being given 'Vishesh Margadarshan' (special guidance) classes, in order to help them to cope better with academics.
10. Off campus placement drive coordinated with Lupin India Pvt Ltd. was conducted and successfully placed 02 students of M.pharm Quality assurance and Pharmacology namely Mr. Akshay Pahade and Mr. Pradip Koli respectively.

11. Guest lecture by Mr Jawwad Kazi on Civil services exams for final yr B. Pharm and on RBI Postings for M. Pharm students was held on 10th Sept. 2015.



12. Students from our college Ms. Saishwari Natesan And Pooja Shah from B.Pharmacy and Neeraja Sathe ,Shriya Bedekar, Sneha Raut, Pooja Desale, Sachin Dhavale and Abhilash Ghanwat from M.Pharmacy had participated in the competition entitled: 'Industry-Defined Problem (IDP)' under the National event called 'Chemixir' organized by the Chemical Engineering Department of AISSMS College of Engineering on 14th -16th Sept. 2015. Aditi Kinikar and Sharvari Kshirsagar presented a poster in the same. Vaibhav Ghegade and Aman Padamsey participated in Scavengers competition in the same. Vedika Bhat and Shamita Subhedar participated in Oral presentation.
13. In collaboration with the Kirloskar-Vasundhara Foundation, a 'Plastic Collection Drive' was conducted on 21st Sept. 2015 in the college . An appeal was made to all staff & students to collect household plastic waste and submit it to college's very own 'Eco Rangers', who would then hand it over to the Vasundhara authorities for proper disposal and possible recycling. This was just another effort taken by our college and Kirloskar Vasundhara Foundation in order to curb the ever growing menace of 'Plastic Monster'.

14. On the 22nd of September, our college celebrated the 'No Vehicle Day'. All staff & students were encouraged to opt for public transport over their personal vehicles on this day, in order to spread awareness not only about saving fuel, but also about sustainable transportation and environmental issues. This initiative received appreciable response and there was a visible reduction in the number of vehicles in the college campus.

15. Our college had conducted a 'Road Safety Drive' rally under National Service Scheme (NSS) sponsored by Savitribai Phule Pune University on 25th Sept. 2015. NSS student Co-ordinators had prepared posters regarding traffic rules & helped traffic police to control the traffic near Regional transport office Pune.
16. Health Check Up was organized for First year B. Pharm. & M. Pharm. (Pharmacology) stu-



- dents, Teaching & Non-teaching staff on 30th Sept. 2015. Health check Up was done by Dr. Nilesh Modani & his team.
17. An excursion (Educational Tour) has been organized for Final Year B. Pharm. students from 29th Sept. to 3rd Oct. 2015 to Bangalore, Mysore & Coorg

Photography by– Mr. Vipul Gugale

Students Achievements



1. On the occasion teachers day Celebration Ms. Kshamita Subhedar (B. Pharm. Student) received 'The Best Student -Teacher Award' in the theory category, while Ms. Shweta Padher & Ms. Pallavi Shirsat (M. Pharm. Students) bagged 'The Best Student Teacher Award' for practicals.
2. Ms. Saisewari and Pooja Shah bagged the

first prize and Ms. Sneha Raut& Pooja Desale and Neeraja Sathe & Shreya Bedekar got second prize in the competition entitled: 'Industry-Defined Problem (IDP)' under the National event called 'Chemixir' organized by the Chemical Engineering Department of AISSMS College of Engineering on 14th -16th Sept. 2015.

"The best and most efficient pharmacy is within your own system." ~Robert C. Peale

UPCOMING EVENTS



1. The 20th Annual National Convention of Association of Pharmacy Teachers of India will be held between Oct 9th - 11th 2015 at Indore Madhya Pradesh. Website: <http://www.apicon2015.com>
2. District Level at Allana 2015 Competition AVISHKAR organised by Savitribai Phule University of Pune to be held on 14th Oct. 2015 College of Pharmacy, Pune.
3. College sports week will be organized between 2nd - 6th Nov. 2015
4. The college will celebrate the 'National Pharmacy Week' by participating in various inter-collegiate competitions organized by Indian Pharmaceutical Association.
5. Savitribai Phule Pune University sponsored Kanya workshop on 'Yoga'.
6. The 67th Indian Pharmaceutical Congress, 2015' will be held at JSS University, Mysore between 19th -21st December 2015. Website: www.ipcmys.com
6. An Environmental Studies Field Trip will be organized for S. Y. B. Pharmacy students on 31 Oct. 2015
7. Guest Lecture by Dr. D. G. Naik of Agarkar Research Institute is scheduled for M. Pharm. 1st semester students in month of October.
8. Guest lecture by Academy of NIPER aspirants on GPAT and NIPER preparation scheduled for T. Y. B. Pharm students in month of November.

DID YOU KNOW: FEVER OF MULTIVITAMINS



Have you ever considered taking multivitamin supplements? Taking right now? Well, that is indeed a good sign, indicating that you are health conscious, unless you know how to take them in the right way. Nowadays, every educated, health conscious person seems to know the importance of these 'Vital Amines' for a healthy life, and people are taking them quite seriously. (There are exceptions!) But, better be careful in pregnancy and lactating periods.

- Many multivitamin products contain minerals like calcium, iron, magnesium, zinc. Excess of these may cause side effects ranging from tooth staining and increased urination, to grave problems like stomach bleeding, mental confusion, and general weakness and indisposal. Hence, it is essential that the prescribed dose-regimen be followed.
- Contact your doctor if overdose is suspected. Overdose of Vit. A, D, E, and K may lead to serious consequences.
- Symptoms may include stomach pain, vomiting, diarrhea, constipation, loss of appetite

hair loss, peeling skin, tingly feeling in the mouth, and changes in menstrual periods, weight loss, severe headache, muscle or joint pain, blood in urine, easy bruising & bleeding, etc.

- Avoid taking these pills with milk or dairy products, calcium supplements, or calcium-containing antacids. It may hamper the absorption of some ingredients in the multivitamin supplements.



Health is not a condition of matter, but of Mind. - Mary Baker Eddy

SCOPE OF PHARMACY-GOVERNMENT SECTOR

DRUG INSPECTOR



Drug regulation is an important aspect of providing safe, reliable and quality healthcare to the citizens of any country. In India, this task is carried out under the aegis of the Central Drugs Standard Control Organization (CDSCO)-India, which constantly requires skilled and competent officers to discharge and oversee these duties on its behalf. This is the role of Drug Inspector-India comes into the picture.

EMPLOYED BY:

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

SCOPE

The above-mentioned designation falls under the purview of the Government of India and offers all the facilities and perks of being a government official.

At the same time, with the Indian government looking to strengthen its Drugs Inspection process, amid talks held last year, the numbers of vacancies for the post of Drug Inspector-India are expected to rise five fold in the coming years, thus promising favourable employment opportunities to young pharmacy professionals.

ELIGIBILITY

1. AGE

Not exceeding 30 years as on normal closing date for General Candidates. Relaxable for regularly appointed Central/UT Govt. servants upto five years in accordance with the instructions or orders issued by the Govt. of India.

2. ESSENTIAL QUALIFICATION (S)

(A) EDUCATIONAL:

The candidate must possess a Degree in Pharmacy or Pharmaceutical Sciences or Medicine with specialization in Clinical Pharmacology or Microbiology from a recognized University or equivalent.

(B) EXPERIENCE:

- (i) The candidate must have at least 18 months' experience in the manufacture of at least one of the substances specified in Schedule 'C' to the Drugs and Cosmetics Rules, 1945 or
- (ii) The candidate must have at least 18 months' experience in testing of at least one of the substances specified in Schedule 'C' to the Drugs and Cosmetics Rules, 1945 in a laboratory approved for this purpose by the licensing authority or
- (iii) The candidate must have at least 3 years' experience in the inspection of firms manufacturing any of the substances specified in Schedule 'C' to

the Drugs and Cosmetics Rules, 1945 during the tenure of their service as Drugs Inspector.

These regulations may be relaxable under certain circumstances.

EXAMINATION

The examination is conducted by the Union Public Service Commission. The test is an objective-type exam, of two hours duration and the medium of the test is English only.

PAY SCALE

Basic: Rs. 9300-34800 plus Rs. 4800/-
Grade Pay (Total emoluments Rs. 37,571/- (Rs. 13,350 G.P. of Rs. 4800 107% D.A. as on 01.07.2014)



DUTIES:

Duties and functions specified in Rules 51 and 52 of the Drugs and Cosmetics Rules, 1945 include inspection of

- All licensed drugs manufacturing establishments
- The plant and the process of manufacture, the means employed for standardizing and testing the drug, the methods and place of storage, the technical qualifications of the staff etc. which are likely to affect the potency or purity of the product, taking samples of drugs from premises of manufacturer/dealers for test or analysis,
- Investigation of cases of spurious drugs and related complaints
- Launching of prosecutions for breaches of the Drugs and Cosmetics Act, 1940 and Rules.

For Details Visit- <http://upsconline.nic.in/>

SCIENTIFIC CONTENTS: PHARMACY INDUSTRY- CIPLA LTD.



Tag Line- It's not only about making medicines, it's about making a difference.

Cipla Limited is an Indian Multinational Pharmaceutical and Biotechnology Company. It has its headquarters in Mumbai (Maharashtra) along with major offices in Belgium and Surrey, England (European Union) and Miami (Florida, USA).

HISTORY-

Cipla was established in 1935 by Dr. K.A. Hamied with a vision to make India self-sufficient in healthcare. Over the past 79 years, it has become a renowned brand not just in India, but all over the world.

Cipla has state-of-art manufacturing facilities that manufacture Active Pharmaceutical Ingredient (API) and has to its credits, formulations, which have been approved by various international regulatory agencies.

It has over 2000 products under therapeutic categories, with over 40 dosage forms covering communicable, non-communicable, emerging and rare diseases.

It is also one of the largest generic companies, with strong presence in almost 170 countries worldwide. Cipla has earned a name worldwide for adhering to the highest standards of quality and have received approvals from various Ministries of Health and major international regulatory agencies like the US FDA, WHO – Geneva, MHRA – UK, TGA – Australia, SUKL - Slovak Republic APVMA – Australia, MCC - South Africa, PIC – Germany, Danish Medical Agency, INVIMA – Colombia, NDA – Uganda, ANVISA – Brazil, Department of Health-Canada, among others.

BOARD OF DIRECTORS

Founder: Dr. K.A. Hamied (1898-1972)

Chairman: Dr. Yusuf K. Hamied

Global CEO: Mr. Shubhanu Saxena

GLOBAL BUSINESS

It has global presence in over 170 countries through exports and strategic alliances. Exports include raw materials, intermediates, prescription drugs, OTC (over-the-counter preparations) and vet-

erinary products. They have partnerships abroad for product development, technical support, marketing and to help several developing countries.

NO. OF EMPLOYEES: Currently 22,036 employees are working with Cipla Ltd.

VARIOUS PLANTS

Different plants of Cipla are situated at Goa (8 plants), Bengaluru, Baddi, Indore, Kurkumbh, Patalganga and Sikkim. It also has field stations in Delhi, Pune and Hyderabad



KEY THERAPEUTICS:

- **Cardiovascular Diseases:** Cipla introduced Propranolol, the first beta blocker in India, way back in 1972.
- **Children's Health Products:** For rare diseases like Thalassemia, Cipla makes Deferiprone, the world's first oral iron chelator and Deferasirox. For pediatric HIV, Cipla has specially created the world's first triple drug combination (Nevirapine + Stavudine + Lamivudine) in a dispersible form.
- **Dermatology & Cosmetology:** Major Products are Fluocinolone acetonide shampoo and Ciclopirox shampoo for seborrheic dermatitis.
- **Diabetes:** Cipla produces several products as single and combination pills to treat diabetes: Metformin, a single drug, Metformin plus Glimepiride, a dual combination and Metformin plus Glimepiride plus Pioglitazone, a triple drug combination.

"Health of body and mind is a great blessing, if we can bear it." ~John Henry Cardinal Newman

- **HIV/AIDS:** In 2001, Cipla introduced the world's first ever recommended 3-in-1 fixed dose combination (Stavudine + Lamivudine + Nevirapine) to fight AIDS.
- **Infectious Diseases & Critical Care:** Cipla launched Tazobactam + Piperacillin which instantly became a market leader in the category.
- **Malaria:** Quinine one of the most potent & effective antimalarial drug was launched.
- **Neurosciences:** Their strength lies in the anti-migraine segment with Rizatriptan and Zolmitriptan.
- **Oncology:** Cipla was the first company in India to introduce the drugs Vincristin and Vinblastine in the year 1984.
- **Ophthalmology:** World's first cyclosporine eye drops with micro-emulsion technology. World's first antibiotic-steroid fixed dose combination. India's first carbonic anhydrase inhibitors for glaucoma.
- **Osteoporosis:** At a time when anti-osteoporosis medicines were not available in the country, Cipla launched Alendronate, the first osteoporosis drug to be introduced in India.
- **Respiratory:** Cipla is committed to respiratory diseases as can be seen with the introduction of Salbutamol tablets in 1976 and Salbutamol inhaler in 1978 in India.
- **Urology:** A selective alpha-blocker that reduces the chances of surgery for BPH patients.
- **Women health:** Cipla's commitment to women's health began in 1979, with the launch of Clomiphene citrate for infertility in women

RECENT ACHIEVEMENTS:

- Paclitaxel Nanoparticle Injection (for the cure of metastatic breast cancer).
- Ambrisentan (for pulmonary arterial hypertension).
- Infant masks for less than 1 year old infants for better facial seal.
- These are the recent research achievements as of 2012.
- 5-6% of the company's turnover is invested in Research and Development.

Cipla's innovations majorly involve Liposome Injection, Microsphere Injection, Topical delivery systems, Inhalation technology (including metered dose system, dry powder inhalators and respiratory solutions), Nasal drug delivery systems, Ophthalmic solutions, Prefilled syringes, Hormone Injections, Nanotechnology, Melt extrusions, hot melt granulation and Particle engineering.

WARDS AND RECOGNITIONS:

2012- Thomson Reuter India Innovation Award.
 2006 – Dunn and Bradstreet American Express Corporate Award.
 2005 – In “Best under a Billion” list of best small Asian Companies.
 1980- Chemexcil Award for excellence in exports.

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The best and most efficient is within your own system