

# **HKCP ALUMNI BULLETIN**

## **Issue-VIII, DECEMBER- 2012**

### **From the Editors Desk:**

Dear Alumni,

A great pleasure again in releasing the eighth issue of Alumni bulletin. As usual the institute is at its peak of co-curricular activities. The fourth **Scientific Day** was celebrated on 17<sup>th</sup> October and was honored by eminent academician and a scientist, **Dr. K.K.Singh**, Principal- C.U. Shah College of Pharmacy, SNDT University, Mumbai. In her inaugural speech she advised students to be oversensitive to changing methodologies in pharmaceutical field at a pulse rate and relate academic skills with the professional world. She highly appreciated the initiative taken by honorable principal - **Dr Anubha Khale** to make such curricular activities successful and promoting students to understand the science in a simple way. After all a true pharmacist is a true scientist.

In ‘Success Secret Series’ the present issue carries an article- Career option after completing B.Pharm. by Mrs Archana Bele, Lecturer - Department of Pharmaceutical Analysis. The article explains about the various careers for the upcoming pharmacists.

The third issue of College magazine- ‘Impulse’ is going to be published in the current academic year. Ex-students willing to publish articles are welcome. The E- Mail Id for submitting the article is – [editimpulse13@gmail.com](mailto:editimpulse13@gmail.com) .

As ever we always work towards giving you more and more of news about college, do send us your views and suggestions.

**Sushruta Mulay.**

**President- Alumni Association**

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## **Campus News:**

- **Scientific Day was celebrated on 17<sup>th</sup> October.** Many activities such as poster presentation, oral presentation, model making, essay competition, Debate competition. The chief guest was Dr K.K. Singh from C.U. Shah College of Pharmacy, Santacruz, Mumbai.
- **Hospital Visit** was arranged to Sir J. J. Hospital by Semester V Students guided by Eminent faculty, Mrs Priyanka Goswami.
- **Blood donation camp** was arranged by faculty Priyanka Goswami, Shrikant Boharupi, wasim Ahmad and Shailesh Ghadge. Sixty seven students including staff participated in blood donation drive.
  
- **The following posters were selected at 64<sup>th</sup> IPC Chennai poster presentation.**
  - **Mrs Ojaswi Ghadge - Pharmacoeconomics**
  - **Mrs Jaya Agnihotri- Pharmaceutical technology**
  - **Mrs Sheela Yadav- pharmaceutical technology**
  - **Mr Shailesh Ghadge- Pharmaceutical Chemistry**

## **Introduction of new faculty:**

### **Ms. Hema M. Kanekar- Pharmaceutics**



**Qualification:** M.Pharm (sci) from UDCT, matunga ( now known as ICT) with 8 years of industrial experience in Research and Formulation Development. Completed B. Pharm from Bombay college of Pharmacy, Kalina.

First in GATE examination. (Presently known as GPAT).

- Worked at managerial level and involved in intrinsic co-ordination with clients for resolving critical problem areas pertaining to formulation development.
- Assisted in several Audits, successfully cleared Pivotal bio studies for US marketed formulations. Successfully scaled up several ophthalmics, controlled release dosage forms involving the particle coating, taste masking and complex liquid oral dosage forms.
- Presented several seminars during M. Pharm tenure and while executing industry projects.

#### **Significant presentations:**

1. Seminar in M.Pharm (March 2003) under Guidance of Dr(Mrs.) M.S. Degani on topic, “Advances in Selective Serotonin Reuptake Inhibitors-New class of Antidepressants”.
2. Presented Poster of research paper (December 2003) 7<sup>th</sup> Annual Conference of The Indian Society Of Chemists & Biologists (ISCB), CDRI (Central drug research Institute, Lucknow) held at Agra on the research work of “Synthesis and Antifungal activity of thienyl chalcones”.
3. Presented poster at AAPS for Industrial project (2009, 2010) based on patented coating and taste masking technology.

## Photo Gallery:



**Blood Donation Camp**



**Hospital Visit**

## **Publications:**

**The following articles have been published from the research guidance cell of institute, available in respective journals as well as online:**

- **Dr. Anubha Khale : “Formulation and development of metered dose inhalations (MDI) of salbutamol in solution form”.** International Journal of Pharmaceutical sciences, vol 73(5) page 543-549, Issue Sep-Oct 2011.
- **Dr. Anubha Khale : “Inhalation toxicity study of liposomes of salbutamol sulphate.”** Indian Pharmacist vol 11(3), Page 61-64, September 2012.
- **Mr. Wais Mohammad: “Investigation of nanoemulsion system for transdermal delivery of Glibenclamide.”** International Journal of Pharmacy and Pharmaceutical Sciences,.vol 4(4),Page 482-487,Aug 2012.
- **Mrs Archana Bele“Antioxidant and antibacterial evaluation of herbal formulation”** Indian pharmacist, vol 11(4), page 64-66, October 2012.
- **Mrs Ojaswi Ghadge “ Pharmacoeconomics” Indian Pharmacist, Vol 11(5) Page 29-36, November 2012.**
- **Mrs Sheela Yadav “Fabrication of pulsatile delivery multiparticulate system for poorly water soluble carvedilol phosphate, International research journal of pharmacy Vol 3(9) page 235-240, September 2012.**
- **Mr Wasim Ahamad “Effect of aqueous extract of Iris Ensata Thumb root on normal and streptozotocin induced Diabetic rabbits” Vol 13(2), page 19-25, 2012.**

# **Success Secrets Series:**

**Article by: Mrs. Archana Bele**

## **CAREER OPTIONS AFTER COMPLETING B PHARM**

There are many options available to those who are pursuing a career in pharmacy. Most of us think of pharmacists as the person who is behind the counter when we go to fill a prescription at the drug store or grocery store. While retail pharmacy is a common career choice for pharmacists, but there are many other options available in pharmacy. After four year bachelor degree course one can go for master degree i.e. M. pharm/MBA. one can also go ahead for PhD. in the pharmacy field. after doing M.pharm the carrier will grow in the research field in various Pharmaceutical companies. or one can join the teaching line. And after doing MBA one can go for management department of various Pharmaceutical companies.

1. Teaching - B Pharm - First Class students are eligible to teach as lecturers in the D Pharm programme, whereas M Pharm, First Class students can get a lecturer's job in pharmacy degree colleges. It takes about 5 years to reach the grade of Sr. lecturer and about 10 years to become Assistant Professor and about 12 years to become Professor of a college. While in teaching profession one can do research in pharmaceutical field and strive to become a well-known Research Scientist.

2. Pharmacist – Being in the health-related field, the B Pharm graduate can be Health-system Pharmacist or Hospital Pharmacist or Community Pharmacist. Retail pharmacists dispense medications at drug stores or grocery stores. While the pay and benefits are excellent, the hours can be tough in retail pharmacy jobs, due to the fact that most stores are now open 24 hours, seven days a week. If you plan to work in retail pharmacy career setting, be prepared to work at least every other weekend. Most retail stores employ 2 full-time pharmacists who work a shift based schedule of 12-hour shifts alternating two days on and two days off.

3. Quality Assurance Health Manager – The Pharmacy graduate can play an important role in the development of clinical care plans, can investigate adverse medication events and in some cases can suggest preventive measures can play a key role in spreading awareness amongst the people about AIDS and the preventive measures to be taken.

4. Medical Transcription - The B Pharm graduate can work with medical practitioners to maintain the patient treatment history, the drug to which he/she is allergic etc.

5. Analytical Chemist of Quality Control Manager – The pharmacy graduate can play a crucial role in controlling product quality. The drug and the Cosmetics Act (1945), Rules

71(1) and 76(1) says that the manufacturing activity should be taken up under the supervision of a technical man whose qualification should be B Pharm, B Sc, B Tech or medicine with Bio-Chemistry.

6.Sales and Marketing – Ambitious achievers with pleasant personality and good communication skills can opt for the job of Medical Sales Representative. The companies prefer pharmacy graduates for this job, as they have a good knowledge about the drug molecules, their therapeutic effects and the drug –drug interactions.

7.Clinical Research - B Pharm/ M Pharm degree holders can take up career in clinical research. The human testing phase is called the clinical trial. A pharmacist can work as clinical research associate or clinical pharmacist and can rise to the position of project manager. The clinical research associate plays an important role of monitoring and overseeing the conducts of clinical trials, which are conducted on healthy human volunteers. They have to see that the trials meet the international guidelines and the national regulatory requirements. Clinical pharmacists work in a hospital as part of a medical care team. They typically round on patients with a physician and help to determine which medications and doses would be most effective for each patient's conditions

8.Data Manager - A pharmacist can seek employment as “Data Manager” to store the data in the computer and process it using software developed for the purpose.

9. Regulatory Manager - A pharmacy graduate can work as “Regulatory Manager”(RM) in companies and contract research organization. As an RM he has to oversee regulatory documentation such as Clinical trial approval permission, marketing approval permission

10.Nuclear Pharmacy Careers: Nuclear pharmacists are responsible for measuring and delivering the radioactive materials which are used in digital imaging (MRI, CT, etc)and other procedures in medical offices and hospitals. Due to the nature of the radioactive materials and how they are handled, nuclear pharmacists are typically required to start each work day very early, sometimes pre-dawn, as the radioactive materials must be delivered within a few hours of their use, or they lose their effectiveness.

10. Career in Regulatory bodies - A Pharmacist can be absorbed in the Regulatory bodies like Food and Drug Administration.

11. Biotechnology is a fast growing branch and the B Pharm graduates can opt for post graduate diploma programme in Bioinformatics

13. The B Pharm Science programme is considered as a paramedical programme.The

B Pharm Science graduates can therefore work in hospitals as hospital pharmacist or community pharmacist.

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## Research updates

### Manufacturing licences in proper generic names only

Ministry of Health & Family Welfare, GOI, New Delhi has directed the Principal/Health Secretaries of all States/ Union Territories letter dated 1st Oct, 2012 under Section 33 (P) to instruct respective licensing authorities to grant/renew manufacturing license of drug formulations in proper/generic name only.

It is stated in the letter that the grant of drugs manufacturing licenses under a trade or brand name is not in accordance to the spirit of the legislation. Therefore, manufacturing license for the drug formulation should be granted in proper/ generic name only.

In case of drug formulation containing multiple ingredients, the licence should be granted under the name of categories of product viz.”Multivitamin Tablets/Capsule/Syrup”, “antioxidants, multivitamins & multi minerals tablets/Capsule/syrup” etc. However, the composition of such product shall mention the name of active ingredients as well as its strength.

It is learnt that some State licensing authorities have expressed reservation about the move, pointing out that the move may not be practical with regard to the products having multiple ingredients. To give licence only in the generic name can be feasible for single ingredient formulations.

However, if the same parameter was used for formulations with multiple ingredients, it may lead to large number of brands and would be difficult for the States to regulate the quality control, the States have reportedly informed the CDSCO.

As per the existing norms, at the time of the grant of the license for manufacture of a drug formulation by the State Licensing Authorities, the trade name / brand name, as submitted by the manufacturer, is endorsed by the licensing authority along with proper name of the product thereby giving legitimacy to market the drug under the brand or the trade name.

In another letter, the Ministry of Health & Family Welfare has directed the Principal/Health Secretaries of all States/ Union Territories vide letter dated 1st Oct, 2012 under Section 33 (P) to instruct respective licensing authorities to abide by the provisions prescribed under



the Rules not to grant manufacturing licenses and for cancellation of licences to manufacture drugs formulations falling under the purview of 'New Drugs' including Fixed Dose Combinations (FDCs) as defined under Rule 122 (E) of the Drugs and Cosmetics Rules, 1945.

It is mentioned in the letter that instances of granting licenses for manufacturing of New Drugs/ FDCs by licensing authorities of many states and union territories were brought to knowledge of Central Govt without the prior approval of the Licensing Authority defined under Rule 21 (b) in violation of the said provision of the Rules. The Parliamentary Standing Committee on Health & Family Welfare (PSC) has also taken a strong objection on this practice. Hence, these directions are issued.