

## Seminar Report

### NATIONAL SEMINAR ON

# ***“Techniques of Taste Masking and Evaluation” and “Intellectual Property Rights (IPR) and Patent Drafting”***

Date: 28<sup>th</sup> September 2013, Time: 9.00 to 6.00 pm.

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**Venue:** H.K. College of Pharmacy, Jogeshwari (w), Mumbai - 400102

**Chief Guest: Key Note Address:** Dr. Ashok Omray, President, Ideal Cures Pvt Ltd., Mumbai,

**Inaugural session presided by :**Dr. Anubha Khale-Principal, Convener, H.K.C.P. Mumbai.

#### **Highlights of Seminar:**

Seminar started with speech of Chief guest followed by Principal Dr Anubha Khale.

#### **Dr. Ashok Omray: Chief Guest**

Sir's speech started with sharing of his own experiences in pharmaceutical industry. He mentioned his long association with academics field as well. He emphasized on the requirement in today's competitive world to bridge the gap between academics and industry. He explained that continuous learning aptitude is the main reason for the growth of industry stalwarts and students should be continuously focusing on acquiring these skills rather than just aiming for higher grades. He urged to have readiness to do any type of work and to be master in that particular area. Speech was very motivating to budding students'.

#### **Dr. Anubha Khale: Principal & Convener**

Madam added that the purpose behind the organization of such events at college level. It provides opportunities for students to interact and to understand about the recent advances. Also it is an added advantage for research students to present their research work through posters. Thus, it was very clear that such kind of events will be serving to bridge the gap between industry and academics.

After completion of formal event, the one day national seminar started with lectures from S. zhaveri & Roquette. Post lunch started with IPR topics. The brief overview of the lecture is presented below sequentially.

**Mr. Sourabh Dhopade: Taste Sensing Machine, S.Zhaveri Pharmakem Pvt. Ltd.**

**Topic: Taste Sensing Machine**

The session started with physiology of basic sensory receptors. The receptors such as umami and bitter which are difficult to mask. The advances of taste sensing machine in terms of its accuracy, sensitivity to umami taste especially. Live video was shown on the demonstration of the handling of the instrument. Sample preparation, material of cells for sample and interpretation of data was explained in detail. There were many queries asked at the end of the session by students' and teachers' about the cost, poorly soluble drugs, liquid drugs etc. All the questions were answered satisfactorily.

**Mr. Afroj Sayyed & Mr. Kamlesh Rathod, S.Zhaveri Pharmakem Pvt. Ltd.**

**Topic: Prosolve - High Functionality Excipients**

It was explained about the evolution of the co-processed excipients over conventional excipients. It is developed by JRS Pharma, Germany & marketed India by S. Zhaveri Pharmakem pvt ltd. The topic covered the following products under banner of PROSOLV technology. PROSOLV SMCC is silicified microcrystalline cellulose. It also explained about the range such as PROSOLV ODT, it is a ready to use ODT excipient composite and PROSOLV EASYTAB which is like composite excipient for ODT especially where taste masking is there.

**Mr. Sandeep Mane from Roquette India Pvt. Ltd**

**Topic: Cyclodextrins Complexes in Pharmaceutical applications**

The session explained details about the chemistry of Cyclodextrins, its structure and applications. It was also communicated regarding the regulatory aspects of cyclodextrins, its

biopharmaceutical considerations, mechanisms of complex formation, stoichiometric energy transitions required for complex formation, influence of acid base characteristics of molecule onto complex formation. The session was followed by many questions from HK faculty, principal, faculty from other colleges and research students as well. It was answered promptly and scientific discussion held the audience for quite long.

The session was followed by lunch and evaluation for poster competition. The inauguration for the posters' evaluation was done by the **Principal of MET College of pharmacy**; i.e. **Dr. Abha Doshi** and madam was also the guest of honor for the day. It was decided to evaluate the posters in two rounds. Selected posters in first round were further evaluated for final screening.

**Following were the eminent professors' invited for the poster evaluation.**

1. Dr. Rajani Athawale, C.U.Shah College of Pharmacy,
2. Mr. Arvind Naik, St. Johns College of Pharmacy,
3. Dr. Rashmi Srivastava and Mrs. Sheeja Koliyote from MET college of Pharmacy,
4. Dr. Mrunmayee Toraskar, Bharati Vidyapith College of Pharmacy.

The posters were covered with cello tapes in order to maintain confidentiality with respect to the college name and poster presenter during evaluation. The prizes for poster were declared at the end of the session. Both the first and second prize was won by HKCP.

**Afternoon session started with IPR related topics. They were as follows:**

**Ms. Andreyra Fernandes : General Information on IPR, from Gopakumar Nair Associates.**

Session was made interesting by interactive discussions on the definitions of patent, specifications, ways to infringe patents, differences between trade mark, copy right were explained with current examples. It was explained about the claims that can be written, history and laws behind the patent filing and validity with respect to different states and world-wide acceptance of patent. Lastly, the entire session encouraged research students to draft a patent and create novelty in work and to aim for commercialization.

**Ms. Bina Dandekar : Patent Drafting, from Gopakumar Nair Associates.**

The curiosity generated by earlier speaker on the patent was continued further with e explanation on ways to write the patent. The session covered in detail with respect to the language to be used

for claims, text, and examples to be covered. The ways to present independent and dependent claims. A case study was discussed with respect to explained objectives. The session was concluded with the questions and answers which also provoked the discussion amongst the participants and overall both the sessions on IPR were knowledgeable.

The one day national seminar was concluded with the prize distribution to winners of poster presentation and vote of thanks by scientific committee member.