

Report of Day-04 of 5th Research Week – 2015 **of Faculty of Pharmacy**

On 21th February 2015, Saturday, Day-04 of Research Week- 2015 (Pharmacy) begun with orientation program for all experts who came as an examiners at 9.30 AM to 10.00 AM.

After orientation program, morning oral review exam of 58 M. Pharm (Pharmaceutics), 64 M. Pharm (QA) students and 05 PhD students have been conducted during 10.00 AM to 1.00 PM. During post lunch session, poster evaluation of all M. Pharm students did by industry experts and outside GTU experts during 2.00 PM to 3.00 PM.

After poster evaluation two (02) expert workshops, which include one for Pharmaceutics and another for Quality Assurance branch has been organized during 3.00 PM to 5.00 PM. All M. Pharm students have actively participated in this workshop too.

Brief details of workshop conducted are as per below:

1) Workshop -01 (Pharmaceutics)

Dr. R. K. Maheshwari

Professor, Department of Pharmacy, SGSITS, Indore, Madhya Pradesh

He has taken a topic on “**Eco friendly solubilization techniques**”.

Abstract: Various organic solvents like ethanol, methanol, dimethylformamide, acetonitrile ethylacetate, toluene, chloroform, benzene, dichloromethane, carbon tetrachloride, acetone, hexane etc. have been employed for spectrophotometric estimations of poorly water-soluble drugs. Similarly, various organic solvents like ethanol, methanol, dimethylformamide etc have been employed for titrimetric estimations of poorly water-soluble drugs. Drawbacks of organic solvents include higher cost, toxicity and pollution. Organic solvents have innumerable adverse effects caused by single exposure like dermatitis, headache, drowsiness, nausea, eye irritation and long term exposure causes serious effects such as neurological disorders, chronic renal failure, liver damage, necrosis, mutagenesis disorder. They should be replaced by other eco-friendly alternative sources.

“GTU Centralized examination system is very nice. I have not seen such type of nice and uniform system of examination till this time. I really praise the system and off course there is, perhaps, no need of improvement in the system. Already, it is full of centralized uniform system. Also the students got the appropriate direction for their research projects.”- Dr. R. K. Maheshwari



2) Workshop -02 (Quality Assurance)

Dr. M. B. Shankar

Joint Director, Pharmacopoeial Laboratory for Indian Medicine (PLIM), Ghaziabad, UP

He has taken a topic on “**Quality Management System**”

Abstract: Understanding ‘Quality’, Quality Assurance, Quality Management System and its principles, General Perspective QMS, QMS Standards - ISO 9001: 2008. Brief Introduction on Implementation of QMS to a Manufacturing Facility or Research Facility.

“I got really good opportunity to contribute in the excellent system of examination made by GTU to motivate and guide the students in personnel with various guides and experts from varied streams of academia, industry as well as from regulatory agencies. I observed during my interaction with students, that such system has a motivational impact on the students. Though it is a central program of university and students are coming from all places of the state, this gives a good exposure to them. The workshop sessions by various eminent experts also provide exposure to the students with current happening in the professional world. Many students are working on innovative approaches and problem solving methods in their thesis and presentations were really good. I appreciate such initiatives of GTU for building up a competent Human Resource to country at large.”- Dr. M. B. Shankar





I/c Registrar