
A
Report of
Pharmacy Introduction to Dissertation Exam-2015
organized during
29th October 2015 to 05th November 2015

at



Gujarat Technological University (GTU)
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1. OVERVIEW OF PHARMACY INTRODUCTION TO DISSERTATION - 2015

Gujarat Technological University (GTU) organized Pharmacy Introduction to Dissertation-2015 (ITD – 2015) for all the students of M. Pharm (Sem III) from 29th October 2015 to 05th November 2015 at GTU, Chandkheda Campus, Ahmedabad.

Each year GTU organizes this Introduction to Dissertation during the month of Nov-Dec, to see the progress of research carried out by students of Master of Pharmacy. The works of students were examined by the eminent experts of related fields. This mechanism provides a platform to students to get a deeper insight into his/her respective research area. Experts share their experiences and give valuable suggestions to research students for value addition in their respective dissertation work.

During this Introduction to Dissertation-2015 total **719** students of M. Pharm gave examination. To do the evaluation of research work done by the students, more than **70** experts from industries and Nationally reputed institutes like CDRI, CSIR, NIPER (Mohali), NIPER (Hyderabad), NIPER (Raibareli), NIPER (Ahmedabad), JSS (Mysore), NMISMS (Mumbai), BHU (Varanasi), Jamia Hamdard Uni (New Delhi), Al-Amin College (Bangalore), PIS (Bangalore), Manipal (Bangalore), Bharti Vidyapeeth (Pune), MSU (Vadodara), SPARC (Vadodara), TRC (Ahmedabad), ZRC (Ahmedabad) and like were invited. Apart from these **140** experts from GTU affiliated Pharmacy Colleges have been invited during this Introduction to Dissertation 2015.

To improve the quality of research, each time faculty of Pharmacy is adding innovative measures in centralized examination. This time in ITD-2015 exam, **POSTER** evaluation has been added as a part of it. The objective is to provide learning practice to students and to provide third opinion for his / her work apart from comments given by reviewer in ORAL exam. In brief, this Introduction to Dissertation was aimed to provide extended platform for learning and exploring new areas of research to all M. Pharm students of GTU.

To make this Introduction to Dissertation a successful event, under the visionary leadership of **Hon'ble Dr. Akshai K. Aggarwal**, Vice Chancellor of GTU and **Shri J. C. Lilani**, I/c Registrar of GTU, below mentioned team of Faculty of Pharmacy of GTU along with Deans of Pharmacy have made great efforts.

2. LIST OF ORGANIZING COMMITTEE MEMBERS

Honb. Dr. Akshai K. Aggarwal

(Vice Chancellor, GTU)

Shri. J. C. Lilani

(I/c Registrar and I/c COE)

Deans of Pharmacy

Dr. C. N. Patel

Dr. J. R. Chavda

Dr. Tejal Gandhi

Dr. Anita Mehta

Dr. D. R. Shah

Faculty of Pharmacy at GTU

Dr. Manish A. Rachchh

Ms. Hetal Mehta

Ms. Maitry Modi

Mr. Neeraj Chauhan

Ms. Ruchi Shah

Mr. Vipul Senma

Mr. Rajiv Mishra

Account Section

Dr. Ramsinh Rajpoot

CA Chitrali Parmar

Mr. Mukesh Parmar

Mr. Rohan Mehta

Mr. Dharmesh Keshawala

Conference Section

Dr. Sarika Srivastva

Mr. Gopal Bhatt

Mr. Bhavik Chauhan

Mr. Anil Tiwari

Media Section: Mr. Sanjay Trivedi
Ms. Reena, Mr. Kishan

Photography: Mr. Ankit Rana

Store Section: Ms. Pinki Panchal

Special invited member: Dr. M. T. Chhabria

3. ANALYSIS OF FEED BACK GIVEN BY EXPERTS DURING INTRODUCTION TO DISSERTATION - 2015

GTU organized Introduction to Dissertation-2015 for Pharmacy during 29th October to 5th November 2015. During these days, total 719 M. Pharm students were reviewed. To do evaluation during these days, total 210 experts including faculty from GTU colleges, other University within the state, out state and industrial experts were invited. All the external experts appreciated the initiative of GTU under the leadership of **Hon'ble Dr. Akshai K. Aggarwal** sir to increase the novelty component in the pharmacy research.

The feedback form were given to all the experts asking their remarks for different heads viz.

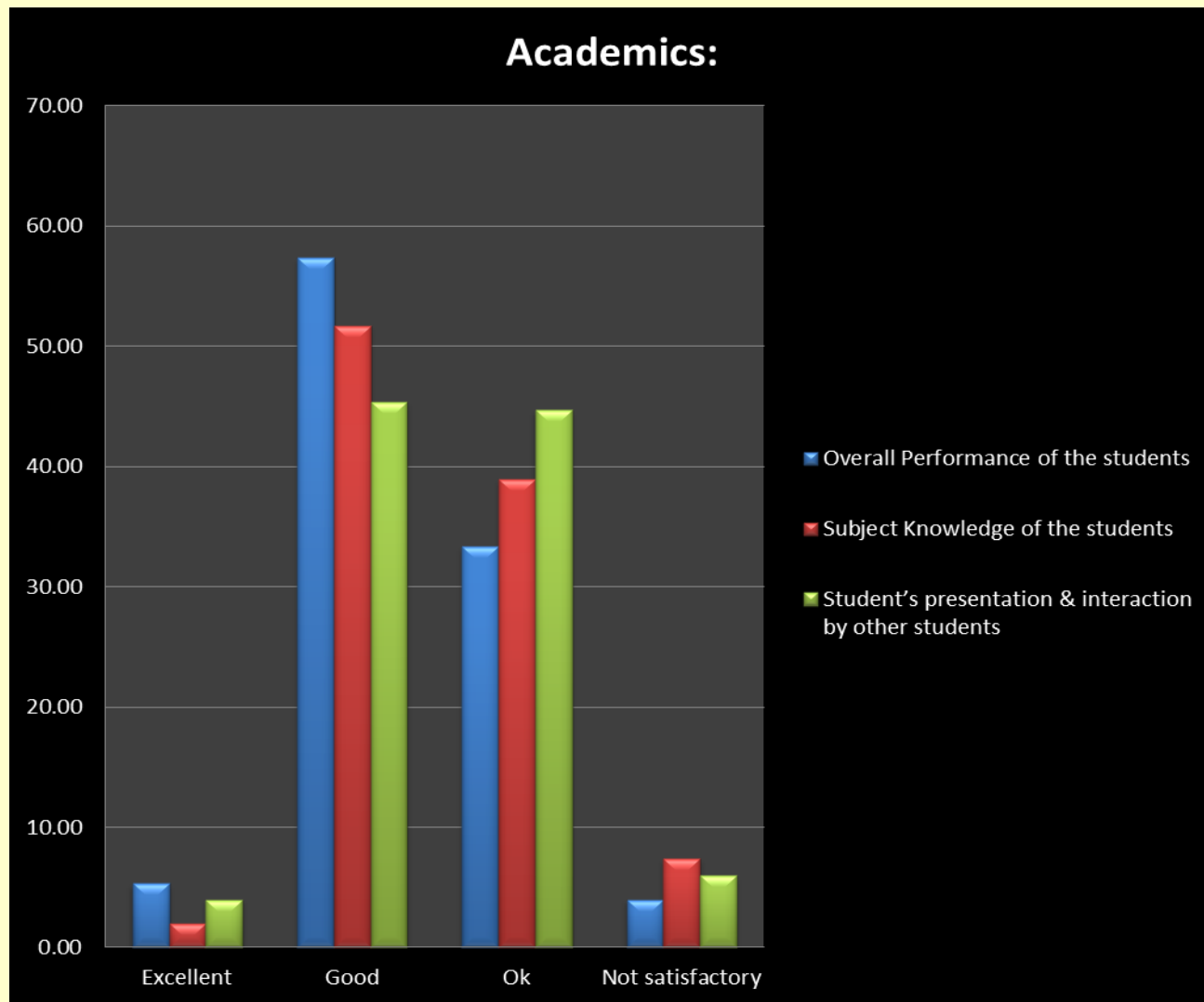
[A] Academic

[B] Administrative

[C] General category

Feedback forms of total 210 experts, who were invited to conduct Introduction to Dissertation exam of M. Pharm students, are compiled in the analysis presented overleaf.

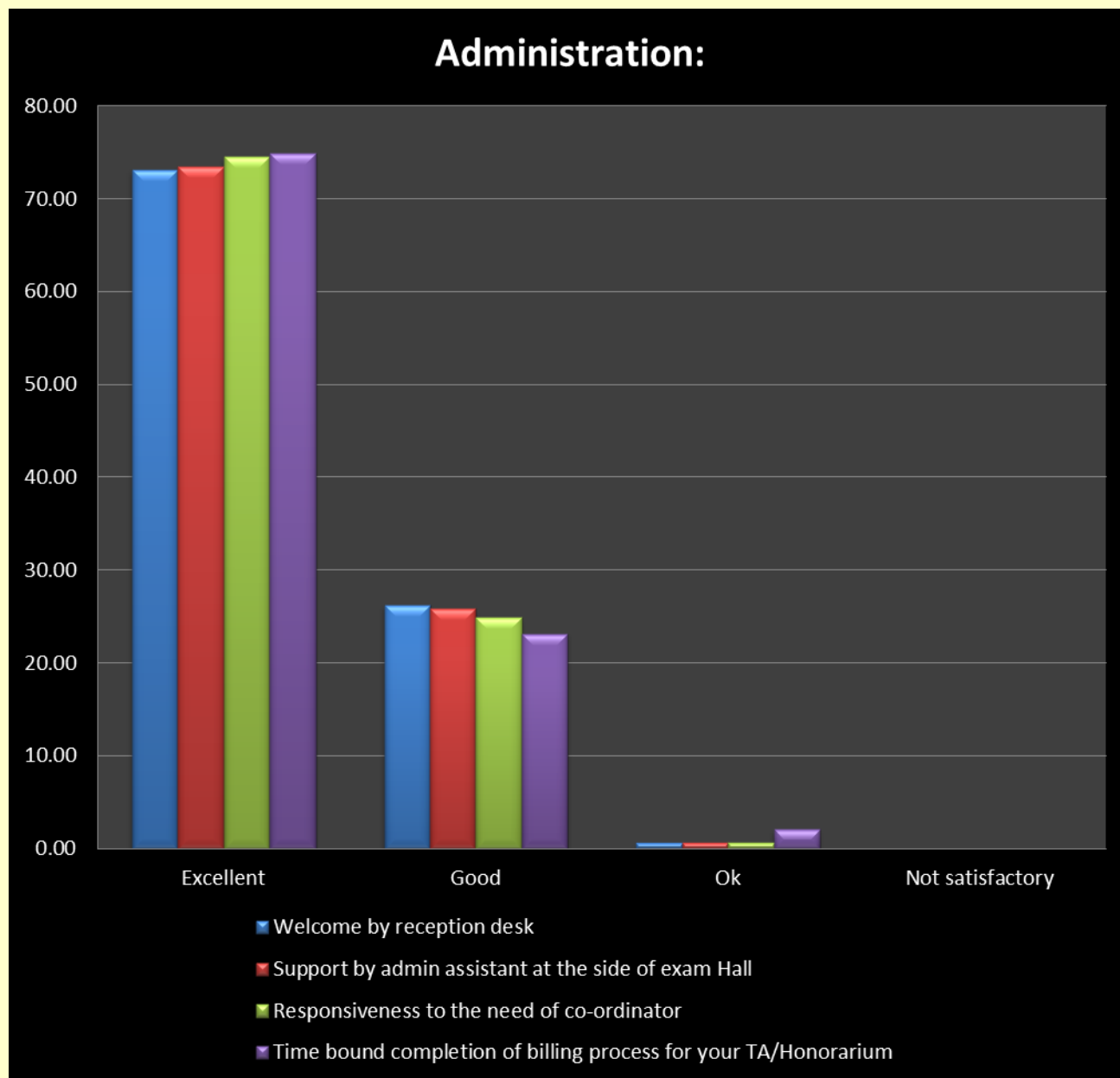
**[A] Experts Feedback for ACADEMIC aspects for
Pharmacy Introduction to Dissertation -2015**



NB: 1) Y axis denote % for respective parameters
 2) Response of 210 experts who came during 29th October 2015 to 05th November 2015 is combined over here to do analysis.

[B] Experts Feedback for ADMINISTRATIVE aspects for

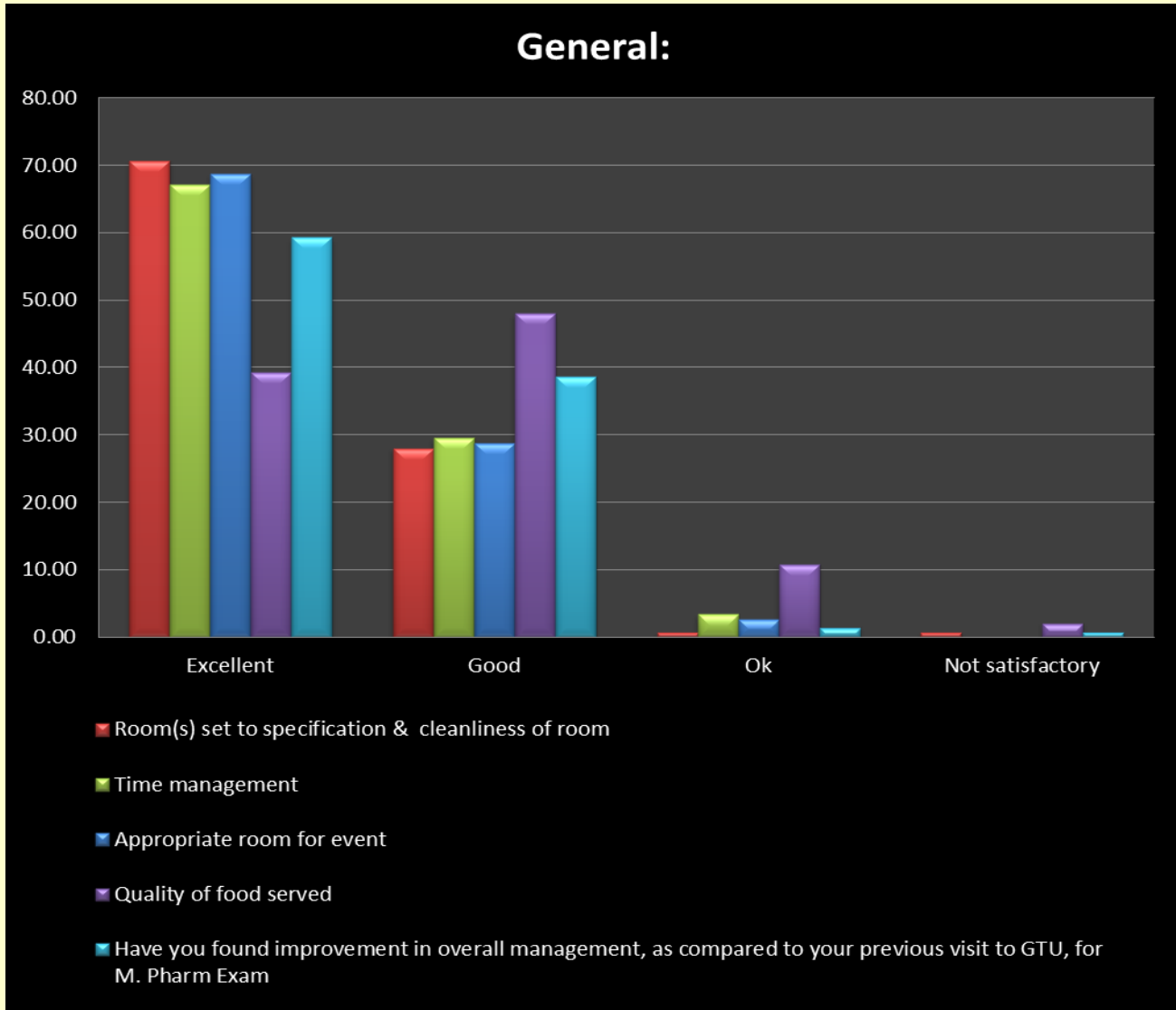
Pharmacy Introduction to Dissertation -2015



NB: 1) Y axis denote % for respective parameters

2) Response of 210 experts who came during 29th October 2015 to 05th November 2015 is combined over here to do analysis.

**[C] Experts Feedback for GENERAL aspects for
Pharmacy Introduction to Dissertation -2015**



NB: 1) Y axis denote % for respective parameters
 2) Response of 210 experts who came during 29th October 2015 to 05th November 2015 is combined over here to do analysis.

4. COMMENTS/ REMARKS/ SUGGESTIONS OF EXPERTS GIVEN DURING PHARMACY ITD-2015 Exam

- ❖ Food quality is improved. Provide list of dissertation of M. Pharm (Only Title), before commencement of exam, so repetition can be avoided.

- **Dr. J K Patel, Nootan Pharmacy College, Visnagar**

- ❖ Students should be prepared with basic knowledge in thesis subject. Students should come with thesis basic knowledge cleared from their guide and should be at par with their subjects. My experience in GTU is excellent. GTU staff cooperated nicely.

- **Rajeshwari Rathod, NIPER Ahmedabad**

- ❖ The knowledge in subjects has not improved as compared to previous years. The students are doing only mechanical work, superficial thinking or logic. This must be changed along with the subject knowledge. To do so I would like to organize Faculty Development Program.

- **Dr. Satish Gabhe, Pune University**

- ❖ The presentation for ITD, guidelines and instrument is very informative and easily understood by students and experts from both academia and industries. The evaluation criteria for both presentation by oral and poster is innovative and good idea to improve the students' confidence level and different comments which will give by both evaluators. Hence diverse evaluation for each student is there. The criteria for PSAR, referencing and details methodology is clearly mentioned in guidelines. This platform is harmonized for all students within and between institutes, which is really appreciable thing.

- **Dr. Haresh Patel, Sun Pharma**

- ❖ If manageable than students should not display the name of college and name of guide. It will be bias free evaluation. I think names are not essential component. Please make compulsory for guide and / or co-guide to be present in exam hall.

- **Dr Punit Parejiya, KB institute of pharmacy**

- ❖ Please make it compulsory for supervisor/guide to be at M. Pharm exam hall side and if

absent then they have to send justification to University with appropriate reason in advance. This will give much quality output of students.

- **Dr. Paresh Prajapati, Shankersinh Vaghela Bapu Institute Of Pharmacy, Gandhinagar**

❖ ITD word copy should be authenticated by GTU by including sign or stamp, so that students cannot change it after ITD exam.

- **Dr. Hasumati A Raj, Shree Dhanvantary Pharmacy College, Surat**

❖ All management and hospitality is appreciable.

- **Dr. Tejal Soni, DDU**

❖ Examination System is excellent but further some additions could be done to improve the research week, so that good research papers could be published in good impact factor journals (National/ International). In 3rd semester at least per formulation, pilot study (studies) may be added so that students get more time for their research week completion of the project with at least valid in-vivo and ex- vivo studies. Interaction between supervisors and student could be improved by putting more time for their research week.

- **Dr. Kanchan Kohli, Jamia Hamdard, New Delhi**

❖ Number of students (8-10) is optimum. Very good change. Keep it up. Teacher's representation can be more elaborate on evaluation requirements. Presence of guide can be made mandatory so that they are aware of the short comings pointed out by reviewers and students would also benefit. Very good logistics and coordination from GTU authority. Food quality is better than last time, Congratulations. Presence of guide along the student can be made mandatory to achieve two purposes. Guide will come to know the short coming of the thesis; students will communication of their respective guide for short comings.

- **Dr. Krishnamurthy Bhat, Manipal College of Pharmaceutical Sciences, Manipal**

❖ The University has taken very good initiative for improvement. I must congratulate.

- **Dr. Mihir Raval, Saurashtra University, Rajkot**

❖ Good initiative to include poster presentation at ITD level. It will help students in

future presentation at seminars.

- **Dr. Ramesh D. Parmar, B. K. Modi Government Pharmacy College, Rajkot**

❖ Good job “GTU”. Good Work GTU, Please keep it up. If possible, then please invite us at list one month in advance to do saving in air tickets. Effort of GTU will help in improving level of pharmacy profession in India. Good luck Dr. Manish & Team.

- **Dr. Wahid Khan, NIPER Hyderabad**

❖ Everything is ok.

- **Dr. Vipul Patel, DDU, Nadiad**

❖ Many students today presented work on process validation. The university has to decide whether such projects are to be allowed. As the students are doing work in industry, they are only collecting data. No actual monitoring or participation of the candidate in process validation.

- **Dr. Dhananjay Bhaurao Meshram, Pioneer Pharmacy Degree College, Vadodara**

❖ Great learning experience. At Introduction to dissertation stage, majority of the students have just started their research work with presenting review of literature studies. At this stage, there is not much research and evaluation materials are available at student end. So in the poster presentation, they don't have shown much about research studies. In our opinion, it is better to keep the poster presentation in the mid-term as well as final dissertation submission stage only.

- **Dr. T M Pramodkumar, JSS Pharmacy College, Mysore**

❖ Student needs to be more thorough with their basics. They may take small part of study, but should have complete understanding of work. Arrangement of GTU was very good as has always been. Students were also better this time. However, they still have to be more thorough with basics as well as importance of their selected work.

- **Dr. Amita Joshi Garg, NIPER Ahmedabad**

❖ Authentication by industry by way of letter is needed for projects comprising at industry should be documented. Skill based programmes (communication/presentation) need to be arranged. In ITD, guide should be available so that clarity happens.

- **Dr. Sanjay S. Toshniwal , Vidarbha Institute of Pharmacy , Washim, Aurangabad**

❖ Need guidelines to prepare ITD. Manual spiral to limit papers of 25 pages or some

standard “No of pages”. The mode of conducting the examination gives scope for the students to enhance knowledge and outlook of the subject. At the end, student should be encouraged to come out with new ideas.

- **Dr. Gurubasavaraj V. Pujar, JSS Pharmacy College, Mysore**

- ❖ Pl. provide laptop/desktop and internet facility to check some online data. Good Interaction to improve the quality of education and Research. GTU is the model for other Universities to improve the quality of research. GTU created good platform to interact the faculty of GTU and other university faculty with industries.

- **Dr. S.G. Vasantharaju, Manipal College of Pharmaceutical Sciences**

- ❖ Wifi network in rooms can be improved further.

- **Dr Tejal Shah, Nirma inst of pharmacy**

- ❖ Guideline for ITD presentation should be declared clearly before 10-15 days and whatever changes are subsequently added should be implemented from next year. Format for PSAR report, external examiner certification on front page, title approved committee signature etc. should be uniform and formats for all the certification should be prescribed by GTU for ITD exam (Just prescribed for Final Dissertation Exam).

- **Dr. R K Parikh, L. M. College Of Pharmacy, Ahmedabad**

- ❖ At the end of 3rd Sem, it is better to include in the thesis, the future plan of work, list of materials, experimental conditions, references should be in proper format.

- **Dr. S. Sunitha, NIPER Hyderabad**

- ❖ It may help if you try to have the same committee for evaluation of these students at the next exam. You may think of better description (title) for this exam. (Rather than introduction). In the ITD, what the students have organized are a) their project proposed and b) the work done until now. Therefore instead of calling their exam, “ITD”, you may describe slightly different considering the fact. You may consider making the dissertation component a year long, instead of only six months.

- **Dr. K.P. Ravindranathan Kartha, NIPER Mohali**

- ❖ GTU is doing it very professionally. Additionally start on time the evaluation would help. Good job.

- **Dr. Amit Joharapurka, Zydas Research Center**

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- ❖ Satisfactory
 - **Dr. Gaurang Shah, KBIPER, Gandhinagar**
 - ❖ Keep such good work. All the best.
 - **Dr. Mukesh Nandave, NMIMS, Mumbai**
 - ❖ Good. It is a very good exercise being done by GTU. We interact with the students during their presentation and make them understand where they are making mistake in preparation of their dissertation and presentation as well. So that their mistake should not be repeated in their next exam. I thank GTU for their excellent hospitality.
 - **Dr. Arun Kumar Shaw, CDRI Lucknow**
 - ❖ The quality of proposed work must be improved by proper planning of experiments.
 - **Dr. R.K.Singh, CSIR-CDRI, Lucknow**
 - ❖ Improvement in supervisor-students interaction at college level may prove beneficial. Hence there should be some mechanism by GTU to get it implemented.
 - **Dr. A. K. Srivastava, BHU, Varansi**
 - ❖ Satisfactory. Though university has given format for project presentation, few students/guides have over looked it and examiners have problems.
 - **Dr D A Shah, APMC Pharmacy College, Himmatnagar**
 - ❖ The facilities provided are excellent. The students should have clarity about the objectives of their study. They should be more interactive and try to develop better presentation skills in them by arranging soft skill workshops.
 - **Dr K Hajela, CDRI, Lucknow**
 - ❖ A circular may be issued to all colleges to those students while preparing power point presentation should not copy and paste text/work from web. This is my second visit to GTU as an evaluator for M. Pharm students of 3rd and 4th Sem. I am really impressed to see the way GTU organizes very effectively this central evaluation of more than 700 students studying in 56 affiliated M. Pharm colleges. This year, they have introduced new way of evaluation by introducing **Poster session** by each student for 10 marks. This will definitely give students an opportunity to learn to present their work through poster and directly interact with the examiner on one to one basis. It is noteworthy that

for the poster evaluation, GTU has invited eminent professionals, faculty and scientists from across the country as evaluators.

As far as organization of the event is concerned, GTU has organized the event involving travel/accommodation/conveyance etc with 100 % satisfaction to all external experts.

Besides I am also impressed the way the marks awarded to each students are uploaded directly into the server of GTU by evaluator themselves. In this regard, the cordial behavior and the support of Dr. Manish and his staff is commendable.

Finally I recommended that this model of centralized evaluation of the M. Pharm students may be adopted by other technical universities across INDIA.

- **Dr. Bijoy Kundu, CDRI, Lucknow**

- ❖ GTU is taking excellent efforts to develop the quality pharmacist to pharmacy profession. Motivation to internal guides and students will really help to become GTU No 1. Quality wise. M.Pharm student's projects should be planned in such a way that it should have the industries application or have some commercial value. The Hospitality & Administration is really appreciable, thanking you.

- **Dr. Amol A. Kulkarni, Siddhanta College of Pharmacy, Pune**

- ❖ Examination System organized by GTU is in most "**Elegant method**". This system provides the interaction of students and examiners. The students have prepared well in made the good presentation I'm fully satisfied by the organizers. I wish them all the success.

- **Dr. Rakesh Maurya, CDRI, Lucknow**

- ❖ It was nice experience to conduct ITD Examination of the M.Pharm Sem-III Students. It is very essential to train the teachers / internal guides to improve the quality of PG Dissertations. Majority of the students were not clear about the basic of their dissertation projects. I suggest to inform all the colleges to conduct continuous progress evaluation of the PG Students at appropriate frequency to improve original quality of PG Dissertation.

- **Dr. D.M. Patel, COE, Gujarat University**

❖ It's my pleasure to congratulate the Vice-chancellor of GTU, Dr. Aggarwal for arranging centralized examination for M. Pharm research projects. PG students evaluated at their main stage ITD, mid semester exam and final dissertation evaluation exam to improve their learning from short comings identified by the reviewers. Evaluation systems at each stage given the weightage for- innovative work, review literature, patents search, rational of work and during presentation students were allowed to interact with examiners, so students get more learning environment through this centralized platform. This time importance has been given to poster presentation as a part of exam, which will give good experience to students for representing his / her research works. Overall its good system of evaluation set by GTU and I am once again congratulating GTU authority.

- **Dr. Gautam Panda, CDRI, Lucknow**

5. PHOTO GALLERY OF INTRODUCTION TO DISSERTATION-2015





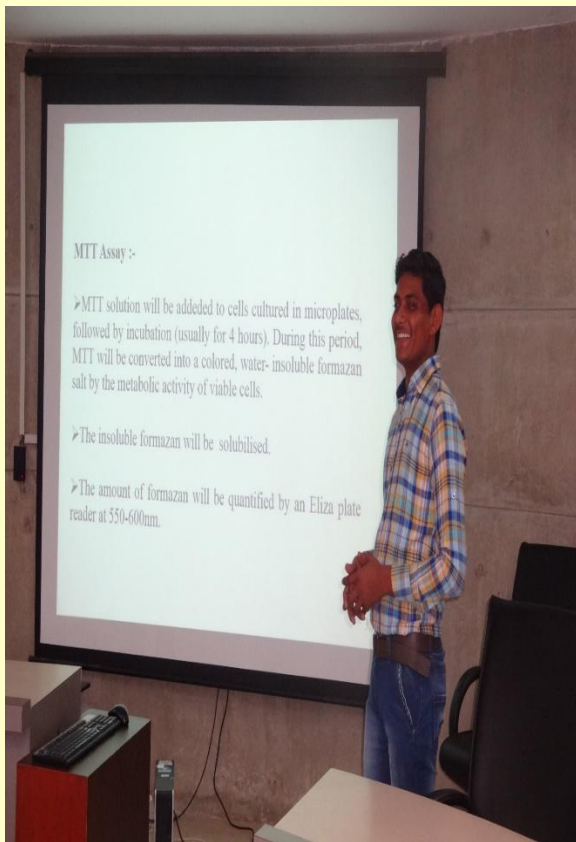












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