



COLLEGE OF
PHARMACEUTICAL SCIENCE



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College of Pharmacy
University of Findlay, Ohio, USA

28th ISSUE
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News Letter

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1. FDP at College of Pharmaceutical Sciences, Dayananda Sagar University, Bengaluru on Bloom Taxonomy and Learning in Action July 2024

Brief Report

Program Dates: 24 to 28 July 2024

Theme: Bloom's Taxonomy and Learning in Action

Day 1: **Orientation** to the FDP, Schedules, Resource persons and Assessments

Day 2: **Bloom's taxonomy-** Fundamentals, Domains, LOTS and HOTS

Day 3: **Creation of LO's for 3 domains,** Use of appropriate active verbs, linkage to learning

Day 4: **Design of PLOs and CLOs** for B Pharm program, vetting, linkage to FA & SA

Day 5: **Summative assessments;** Quiz, Assignment, PPT making and Video presentation

32 faculty participated actively & engaged fully in the 5 days FDP

All faculties were from COPS, Dayananda Sagar University, Bengaluru, KTK

HESDARC Resource Persons for the W/S

Dr. Bahubali G Nagavi, Founder & CEO, HESDARC Mysuru; Mr Kalpesh V Mehta, Co-founder & Senior Consultant, HESDARC; Dr Jayashekar, former Dean

College of Pharmacy, Oman University, Muscat & former Prof, College of Pharmacy, Trivandrum; Prof Sabitha M, Principal, Amrita School of Pharmacy, Amrita Vishva Vidyapeetham, Kochi, Kerala

Pre-Learning Check & Post LC was conducted every day. FDP included activities, Self- reflections, Presentations, Discussions in TEAM's, SDL & TBL. Assessment conducted at the end included Best of 3/ average of Quizzes in Post LC, Open book Assignment writing, PPT making & Video presentation to evaluate knowledge of the topic/s, writing, presentation and other skills

SMART LO's were identified for each session and learning measured against the LO's using MCQ's in Google classroom; Totally about 100 SMART outcomes were prepared for the Program and all Sessions; Google classroom was created 3 weeks before the commencement of W/S for seamless communication and clarifications

FDP was supported and endorsed by College of Pharmacy, University of Findlay, USA.

Two participants were assessed as A+ (Outstanding) and Four participants earned A (Excellent) grades. Certificates with Names, Photo, Grade and merit earned were distributed in a public function at the university after the workshop and evaluation



FDP at DSU, Bengaluru - Principal / Dean / Resource Faculties and Participants

2. Toolkit for university / institutional transformation

Strategy: Educate; Share Success Story; Reform and Transform Universities

Toolkit for university / institutional transformation is for about 09 months after implementation begins.

Toolkit developed to be implemented in institutions interested and volunteer for transformation of UG program. It will be in 3 phases; Phase 01 includes Bloom's Taxonomy & Learning in Action (FDP for 5 days); Phase 2 will have Curriculum Development and Implementation (5 days FDP) and Phase 3 will be Transformation of UG Curriculum (6 days review). A gap of about 2 to 4 weeks for institutions to complete their tasks and homework to move to next phase of FDP

Free meetings (at least 2) with participants between the onsite or offline trainings. Costing to be informed separately to the interested institutions

Charges for entire faculty of the college of about 36 to 42 to be discussed and shared separately on request for all the FDPs inclusive.

List of Deliverables for both parties, milestones and timelines

SI No	HESDARCs Deliverables	Institutions deliverables	Milestones	Timeline
1	First FDP on BT & LA commences	Confirmed participants list and dates	Transformation Program commences	1 st Month
2	Follow up FREE meetings 1 or 2 with participants	Completion of tasks of Modifying respective courses with Pos & Los and others	Pos and LO,s writing for all the courses of B Pharm completed	2 nd Month
3	Second FDP on CD, Development and Implementation commences	Emailing all the PO;s and Cos of first FDP to HESDARC M	NAAC criterion 1 based FDP completed	3 rd Month
4	Follow up meetings 1 or 2 with participants	CD completed from the institute	Draft regulation and curriculum of B Pharm completed	4 th Month
5	Final FREE meeting for discussions Q&A about modified Curriculum	CD completed from the institute including CBCS, Electives, FA & SA and other criterion	Draft regulation and curriculum of B Pharm completed	5 th Month
6	Curriculum Review in detail at the institution	Institution to be ready with completed draft in all aspects as discussed in FDPs	B Pharm regulation and curriculum completed & to be sent to agencies for approval	6 th Month
7	FREE Follow up meeting 01 or 02	College submits the modified curriculum to BOS, Academic council & Regulator/s etc	B Pharm Regulation and Curriculum completed	7 th Month
8	TRANSFORMATION work completed and delivered	Implementation of the modified curriculum for the earliest academic session in July/ August	Task completed	9 th Month

Complimentary 01hr Discovery Session for interested Institution's

3. How to raise the Quality and Effectiveness of Institutions? By BG Nagavi,

Seminar at ABIPER (Aditya Bengaluru Institute of Pharmaceuticals Education Research), Bengaluru on 5 August 2024

Dr. Nagavi, discussed about some of the major problems currently faced by the Higher Education System in India which included severely fragmented higher educational ecosystem, less emphasis on the development of cognitive skills and learning outcomes etc., He also highlighted on the B.Pharm regulation and syllabus by pointing that there are too many credits(225-229) for a 4 years program, whereas the International standard is about 120 credits, and UGC recommendation is 160 credits only. There is too much of teaching and very little of learning. **Dr Nagavi's** opinion was that we have to initiate changes in B.Pharm regulations and syllabus, if we want to be creative and innovative. He also discussed about the different ways to improve NIRF ranking of the institution and discussed about HESDARC coaching program to improve the quality and effectiveness of Institution. HESDARC can hand hold and mentor the institutions and help in improving the quality and effectiveness of institutions.

Dr. N. M. Shamasundar former Professor at JSS Medical college, Mysuru, discussed about preservation, dry preservation using polymers, known as Plastination and got UGC National award for the same. He is one of main in-charge for the Plastination Museum developed at JSS Medical College, Mysore. He is working with Gravity Science Foundation, involved in Science & Health education to public & students by establishing "Unique Health Museum" in Mysuru. He has donated and Platinated his mother & sister's bodies.

Abhishek A S, Science Educator & Communicator, Founder & Secretary, Gravity Science Foundation®,



Dr. Nagavi with Dean, Principal and Faculty



Dr. Shamasundar with Dean and Principal

Chamarajanagara, Karnataka, spoke about the Secrets to success by studying science and application of Basic science in Medicine like in ECG, X-Rays, Different types scans like MRI and NMR, Raman effect etc. He highlighted Science in Engineering, challenges and opportunities of Nano-science and Nano-Technology. He further elaborated on the objectives of Gravity Science Foundation and few programmes & celebrations held and student exposure programs.



Mr. Abhishek with Dean, Principal and Faculty

4. Bagalkote seminar on "How to better engage 21st century UG pharmacy students in classroom?"

Dr BG Nagavi spoke to faculties, PG students and research scholars at HSK college of Pharmacy, Bagalkote. About 35 faculties an about 40 research scholas and PG students attended. Dr Nagavi gave few subtle tips that can be used in the classroom for effective engagement. One minute talk by student/s; Q and A session; Motivate students to ask questions; Short Group discussion; Podium Presentations; Google search 2 minutes & present. He also explained about Post it; Entry note – what to learn; Exit Note – what you learnt; Flash card; Unannounced quiz; Kahoot; Blog – online diary and Google classroom discussions All these technique, Dr Nagavi also mentioned that most of these techniques are used during the FDP's conducted by HESDARC M. The presentation was followed by Q&A session. Most of the above techniques are free of cost and can be easily implemented if there is strong and committed mind in the teachers to engage the students.



Dr. Nagavi, Dr. Srinivas - Principal and Faculty



Dr. Nagavi, Dr. Srinivas - Principal with PG Students

5. Editorial: Realization: The Cornerstone of Institutional Transformation

Introduction

The journey of institutional transformation is a complex process that involves a series of interconnected steps. Like the links of a chain, each step is essential for the overall strength and effectiveness. This editorial explores the critical role of realization in this process, arguing that it is a necessary precursor to meaningful change.

The Sequential Steps of Transformation

We have observed in our Faculty Development Programs (FDPs) that the path to transformation follows a sequential pattern: **informing, motivating, inspiring, realizing, reforming, and transforming.** Each step builds upon the previous one, and skipping any of them can lead to incomplete or ineffective change.

The Importance of Information and Motivation

The first steps, informing and motivating, are crucial for setting the stage for transformation. By providing faculties with credible and relevant information, we can help them understand the need for change and the potential benefits. Motivation plays a key role in inspiring faculties to take action and strive for improvement.

The Power of Inspiration

Inspiration can come from various sources, including personal experiences, the experiences of others, and inspirational stories. By sharing our own experiences and highlighting the successes of others, we can inspire faculties to reach for higher levels of achievement.

The Pivotal Role of Realization

Realization is the pivotal step in the transformation process. **It is the moment when faculties truly understand the need for change and are committed to making it happen.** Without realization, all the information, motivation, and inspiration in the world will be ineffective.

From Realization to Reformation

Once faculties have realized the need for change, **they can begin to explore ways to reform their teaching and learning practices.** This might involve changes to courses, study plans, assessments, credits, projects, or the practice school.

The Importance of Mentoring and Support

To ensure that reforms are successful, faculties need ongoing mentoring and support. By providing guidance and addressing challenges at every level, we can help faculties implement their reforms effectively.

The Role of HESDARC

HESDARC has been actively working to promote institutional transformation by focusing on the minds of faculties. Through our programs and initiatives, we have helped numerous institutions and universities achieve meaningful changes in their curricula and practices.

Threat:

Foreign universities with their centres in India, will attract more students as they offer employable, flexible, need based and useful programs.

Conclusion

Realization is a necessary step on the path to institutional transformation. By providing faculties with the information, motivation, and inspiration they need, we can help them realize the need for change and take the steps necessary to achieve it. Through ongoing mentoring and support, we can ensure that these reforms are successful and lead to meaningful improvements in teaching and learning.

FDP at DSU, Bengaluru July - August 2024



Release of FDP Manual



Participants of FDP



Reflections



Discussion



Team Work

Quote of the Quarter

What can lectures do?

Look at Sri Ramakrishna- He could not give any lectures, but look at HIS Influence.

In fact, what is needed is a pure heart and a sincere purpose- that is what can

TRANSFORM OTHERS.

Swami Ranganathananda