

## **REPORT**

### **Faculty Development Program on ‘Innovative Pedagogy and Research Methodology’**

‘Three-day Faculty Development Program on Innovative Pedagogy and Research Methodology’ was conducted at Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management (SPPSPTM) from 27<sup>th</sup> to 29<sup>th</sup> November, 2018. The program was sponsored by SVKM’s NMIMS, Mumbai as a part of the initiative to enhance the faculty competencies in the area of pedagogy and research. The program was attended by 37 faculty members of SPPSPTM, Mumbai. The program was enriching and intellectually stimulating for the participating faculty.

The keynote address for the FDP was given by Prof. Kamalinder Singh, University of Central Lancashire, UK. She emphasized the paradigm shift in focus of pedagogy towards student learning rather than mere teaching by faculty. Learning outcomes need to be defined for every course conducted by the university right at the outset so that they serve as a template for further downstream processes of curriculum design and drafting of teaching plan by faculty. She also highlighted the role of integrative learning wherein technical knowledge on various aspects of pharmaceutical formulations such as chemistry, pharmacokinetics, pharmacodynamics, dosage form design, etc. need to be taught to the students together rather than in isolation. Dr. K.K. Singh in her talk on building research skills emphasized the importance of collaborative multidisciplinary research which is the buzzword to conduct quality research culminating in impactful publications in top notch scientific journals. She also highlighted the role of clinicians and medical professionals in writing research projects addressing unmet needs in disease management.

Dr. Coutinho emphasized on the skill sets which need to be imparted to a research scholar so that at the end of his doctorate program he is in a position to work in an organization comfortably. He indicated the paramount role of training the students with respect to reviewing research, writing research proposals, documenting project discussions held with mentor, to increase their employability and credibility. Mr. Sunil Chaturvedi provided valuable insights into time management through prioritizing and scheduling work. He also talked about better organization of emails into folders for easy and immediate retrieval.

The second day of the program included talks on new age pedagogies, incorporating currency and relevancy into classroom teaching, and conduct of patentable research. Dr. Madhavi Gokhale focused on importance of understanding students and managing communication with them effectively. She emphasized on importance of having the right attitude together with knowledge and skills. Dr. Bala Krishnamoorthy focused on inclusion of case studies and practical aspects when teaching in the classroom. She told the faculty to draft case lets and get them converted to an article. Dr. Ratnesh Shrivastava in his talk emphasized on the potential areas which provide scope for conducting patentable research which will have commercial appeal. He mentioned working on neglected tropical diseases, niche areas such as pediatric and geriatric dosage forms, and enhancing patient compliance by reducing dose, dosing frequency, side effects, and size of dosage form, providing non-invasive routes for peptide delivery, etc.

The third day of the program witnessed lectures on writing impactful proposals for research grant, outcome based education, and conducting commercially viable research towards development of affordable healthcare solutions.

Dr. Priyanka Prabhu proposed vote of thanks for the program.

Below are the glimpses of the Faculty Development Programme:







