

Vision : ▶ To be a leader in Pharmacy Education, Pharmacy Training and Research in Pharmaceutical Sciences
Mission: ▶ To educate and train students in the knowledge and practice of pharmaceutical sciences ▶ To contribute to improvement of health of the society through education programs ▶ To contribute to improvement of health of the society through research programs

BoS/PG/004/2022

14/06/2022

Minutes of the PG-BoS Meeting

The minutes of the 4th Postgraduate Board of Studies (PG-BoS) meeting of Bombay College of Pharmacy-Autonomous (BoS/PG/004/2022) held Online on Tuesday, 14th June 2022, on Microsoft Teams are as follows

The following PG-BoS members were present for the meeting

1. Dr. Krishna Iyer (I/c Principal and Chairperson, PG-BoS, Bombay College of Pharmacy)
2. Dr. Ujwala Shinde (HoD-Pharmaceutics, Bombay College of Pharmacy)
3. Dr. Premlata Ambre (HoD-Pharmaceutical Chemistry, Bombay College of Pharmacy)
4. Dr. S. Y. Gabhe (Professor of Pharmaceutical Chemistry, Bharati Vidyapeeth's Poona College of Pharmacy)
5. Dr. Ravindra Purohit (Professor & Head, Department of Regulatory Affairs, Bharati Vidyapeeth's Poona College of Pharmacy, Pune and Director of R N Pharma Consulting, Pune)
6. Dr. Vandana Patravale (Professor of Pharmaceutics, Institute of Chemical Technology, Mumbai)
7. Dr Parizad Elchidana (Principal Technical Consultant, ACG, Mumbai)

The following members were specially invited for the meeting.

1. Mr. Vipul Solanki (Director, LSI-Special Invitee)
2. Dr. Akshat Chadha (Lifestyle Medicine Expert, Mentor at Lifeness Science Institute (LSI), Mumbai-Special Invitee)
3. Ms. Hardika Vira (Chief Clinical Dietitian, LCHHS, Mentor at LSI, Mumbai-Special Invitee)
4. Ms. Hemali Malaviya (Practising Nutritionist, Mentor at LSI)
5. Dr. Gopal Sharma (Director, LSI, Mumbai-Special Invitee)
6. Mr. Vijay Shivpuje (Director, Patlex Business Solutions, Mumbai-Special Invitee)
7. Mr. Nitin Maniar (Chairman-Governing Body, BCP-Autonomous)

The following PG-BoS members conveyed their leave of absence

1. Dr. Vaishali Shirsat (Member Secretary, PG-BoS and HoD-Pharmaceutical Analysis, Bombay College of Pharmacy)
2. Dr. Alka Mukne (HoD-Pharmacognosy, Bombay College of Pharmacy)

Dr. Shalaka Dhat from Bombay College of Pharmacy-Autonomous was present at the meeting to note down the minutes of the meeting and coordinate overall conduct of the meeting.

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At the onset of the meeting, Dr. Krishna Iyer welcomed all the esteemed members of the PG-BoS, Bombay College of Pharmacy-Autonomous and the invitees for the meeting. Dr. Iyer then proceeded with the agenda for the meeting. Every point in the agenda was taken up for discussion and resolved subsequently.

Agenda points with discussion and resolution

004.01 To confirm the minutes of the previous PG-BoS meeting (BoS/PG/003/2021) held on Saturday, 9th October 2021.

The minutes of the previous (3rd) PG-BoS meeting (BoS/003/2021) held on Saturday, 9th October 2021 were circulated to all the members prior to the meeting. As there were no changes required to be made to the minutes of the earlier meeting, the members unanimously agreed that the minutes of the previous PG-BoS meeting (BoS/PG/003/2021) held on 9th October 2021 be confirmed.

004.02 To approve the syllabus for the following three courses in **Integrative Nutrition and Dietetics** offered by The Indian Pharmaceutical Association-Maharashtra State Branch's Bombay College of Pharmacy in **collaboration** with **Lifeness Science Institute (LSI)**, Mumbai.

- M.Sc. in Integrative Nutrition and Dietetics (2 years course, 4 semesters, 104 credits, CBCGS)
- PG Diploma in Integrative Nutrition and Dietetics (1 year, 48 credits, CBCGS)
- PG Diploma in Health & Integrative Lifestyle Medicine (DGHILM) (6 months, 24 credits, CBCGS)

Dr. Iyer briefed the committee members on the five different programs in Integrative Nutrition and Dietetics, proposed to be initiated at BCP from A.Y. 2022-2023 in collaboration with Lifeness Science (LSI). He added that the syllabi of two of these courses viz., [B.Sc. (Hons.) in Integrative Nutrition and Dietetics, a 3years, 6 semesters, 168 credits course and Diploma in Health and Integrative Life style (DHL), a 6 month 30 credits course] were approved by the UG-BoS members during its 4th UG-BoS meeting held on 13/06/2022. He then requested Mr. Vipul Solanki to present the syllabus for the post graduate program in M.Sc. in Integrative Nutrition and Dietetics (2 years course, 4 semesters, 104 credits, CBCGS).

Dr. Patravale requested that the B.Sc. (Hons.) program in Integrative Nutrition and Dietetics be presented before the committee prior to the M.Sc. program to get an idea on the connect between the two syllabi. Mr. Vipul briefly explained the courses in the B.Sc.(Hons) program and the mentors for conducting the program. Dr. Patravale enquired whether the total marks for each course were 100 irrespective of the credits. Mr. Vipul affirmed the same and mentioned that for uniformity the total marks of 100 were maintained for each course, 60 for external and 40 for internal exam as recommended by UGC.

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Dr. Parizad enquired whether the college was geared up to conduct practicals in Nutrition and Dietetics. Mr. Vipul explained that there had been a discussion on use of laboratories of B.Pharm course for conducting the said practicals and it is proposed that the practicals for the said course shall be conducted in the later part of the day and on weekends, when B.Pharm students do not have practicals. He added that some of the practicals involving Hands on Training shall be conducted onsite in industry. Mr. Vipul also mentioned that the additional glassware and tools required for the course shall be procured by LSI. Dr. Parizad enquired whether the course was affiliated to University of Mumbai. Mr. Vipul affirmed the same. Dr. Gabhe enquired if the course was going to be conducted in the same building where B.Pharm and M.Pharm courses are conducted. Dr. Iyer explained that some of the labs of B.Pharm shall be shared for the said program during the 2nd shift and the classrooms that will be used are in a different building. Dr. Gabhe expressed his concern that Pharmacy Council of India (PCI) may take an objection for this. Dr. Gabhe added that PCI needs an exclusive building for the Pharmacy Courses. Dr. Parizad too expressed her concern that if the labs are going to be shared between the two, there are high chances of cross-contamination. She requested Dr. Iyer to reconsider sharing of labs. Dr. Gabhe warned that from this year onwards inspections of PCI will be in surprise manner and requested that this does not cause a problem to the existing B.Pharm programs or the proposed ones.

Mr. Vipul then explained in detail the eligibility criteria, scheme of examination, the Programme and Course Objectives, curriculum framework and the detailed syllabus of M.Sc. in Integrative Nutrition and Dietetics. Dr. Patravale pointed that there are few courses that are overlapping in B.Sc. and M.Sc. Programs especially the electives. She added that as per University rules, the courses under UG and PG Programme cannot be the same. Mr. Vipul explained that B.Sc. and M.Pharm programs are starting at the same time and hence there is no possibility of students who have completed B.Sc. to register for the M.Sc program. However Dr. Patravale madam mentioned that after three years even B.Sc. students will apply for the M.Sc Programme and there would be a repetition of courses especially electives for these students. Moreover, she insisted that the framework of the course should remain constant and hence this point needs to be worked on.

Dr. Gabhe insisted that the names of some of the subjects such as Anatomy should be changed. He added that rather than anatomy, the nutrition will be affecting the physiology and hence the name of the subject should be changed to Anatomy and Physiology rather than only Anatomy. Dr. Patravale agreed with the same. Further Dr. Gabhe requested that the abbreviations for the full forms should be added before followed by use of abbreviated form in the text rather than the same being listed after their usage in the text.

Dr. Parizad enquired if there would be any internships for the program. Mr. Vipul confirmed that internships are incorporated in the curriculum itself and industry tie ups have been invited as a part of their program. She also enquired whether food microbiology was covered in the syllabus. Ms. Hemali confirmed that food microbiology was covered under food processing technology. Dr. Parizad enquired

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whether Nutraceuticals is covered as a separate topic. Ms. Hemali informed that Nutraceuticals are covered as a part of clinical nutrition. She agreed that it is not covered in that detail as in pharmacy colleges but it is explained briefly. Dr. Parizad also enquired if there was any section on Public Nutrition and Health. Ms. Hemali replied that pediatric nutrition, geriatric nutrition is covered under life cycle nutrition in both the first and the second year of M.Sc. program. Regarding Public health and Nutrition, Ms. Hemali added that it will be covered in Semester 3 under the topic 'Community Nutrition'.

Dr. Gabhe enquired in which part is the food - drug interaction part covered. Ms. Hemali replied that Dr. Akshat from team LSS covers the same in his special Master Class where he teaches pharmacotherapy for different disease condition, however this is not a part of the syllabus. She added that as we are upgrading the M.Sc. syllabus we can incorporate drug -food interaction part in the syllabus. Mr. Vipul added that the same has been covered under the course Food Science in semester 2. Dr. Gabhe added that more stress should be given on harmful drug food interactions.

Dr. Parizad pointed out that regulatory requirements for nutraceuticals form an important part and should be included in the syllabus. Dr. Patravale agreed with the same. Mr. Vipul mentioned that it is not covered as a separate topic in the syllabus however it is discussed in the workshop and special master class for the students. Ms. Hemali added that we do mention about fssai guidelines however since the focus of the program is more on nutrition, the same is not covered in detail. Dr. Parizad mentioned that if someone after completion of the industry wished to join the industry it would be a requirement. She added that fssai is the key requirement for nutraceutical manufacturing and this would be the right time to add it in the syllabus. Mr. Vipul mentioned that the possibility of it being added under the course on Food Preservation and Processing will be checked.

Dr. Patravale highlighted once more that the B.Pharm strength has recently increased and already the practicals are being conducted in shifts. She expressed her concern on whether there will really be availability of labs.

Mr. Maniar clarified that there will not be any shortfall for Pharmacy as well as the additional proposed programs. He added that there is additional space which was earlier with MKR, and this is available in the second building. He assured that the infrastructure will be over and above the need and would not be the reason to worry.

Dr. Purohit enquired about the no. of years after which the syllabus would undergo revision. Mr. Vipul replied that it would be after 03 years. He added that every year there would be two BoS meetings and minor amendments shall be approved in the same. Dr. Purohit enquired about the fee structure for the course. Mr. Vipul explained that for B.Pharm course the fees are around 6.2 lakhs for the 2-year course. (around Rs.1,55,000 per semester). He enquired about the job potential and the salary package that would be offered to the candidates after completion of the course. Mr. Vipul explained that with similar programs at other institutes, the salary package offered is Rs.60000 per month i.e., around Rs.7.2 lakhs

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per annum. UG-BoS members mentioned that this package is more than many of the professional courses.

Dr. Patravale enquired about the candidate's eligibility for the course. Dr. Vipul explained that graduates of any stream can enroll for the course. However, if students for branches other than the science branch, a bridge course of 100 hours will have to be taken up by them. In addition, more Mentor-Mentee support would be provided to such students. He added that preference would be given to students who have completed their graduation in food nutrition, home science and other science backgrounds. He also added that B.Pharm would be specifically mentioned under eligibility criteria.

The members expressed their concern over all the courses being started at the same time that too with an intake of 120. They requested to reconsider the possibility of starting the courses in a smaller batch and then increase the intake in phase wise manner after gaining experience on how things work. Dr. Patravale specifically mentioned that BCP has a name in the Pharmacy sector and that image should not be tarnished in any way. Dr. Parizad once again expressed her concern over availability of additional space for the said program. All the members unanimously proposed that unless there is adequate infrastructure BCP should not venture into this collaboration.

Dr. Iyer mentioned that BCP will look into regulatory council requirements and ensure that the proposed course does not impinge on the current B.Pharm, M.Pharm and Ph.D programs running at BCP.

Mr. Vipul then presented the contents of the PG Diploma Course in Integrative Nutrition and Dietetics (1 year, 2 semesters, 48 credits, CBCGS). He discussed in details eligibility, intake, fees per semester and per year, attendance, scheme of examination, evaluation pattern, curriculum framework and the course included under the program. He also presented detailed syllabus for the program. Dr. Gabhe mentioned that this program appeared to be less industry oriented as compared to the M.Sc. program. Mr. Vipul replied that M.Sc. program being of 2 years has definitely more industry interface as compared to the PG Diploma program, however the Masterclass and workshop for both the programs were same. Dr. Purohit enquired the avenues for employment of Diploma Students. Mr. Vipul replied that the industry demand for both the programs is the same and the average salary offered for the PG Diploma is similar to the M.Sc program. Dr. Purohit expressed his concern that if the pay package is similar for M.Sc and PG Diploma, then why would one go for 2 years M.Sc. program. Mr. Vipul replied that the requirement is high and though M.sc are preferred, PG Diploma students are also getting equal offers. He added that over a period of time the course differentiation may be more profound however at present there isn't much difference in the employability as the number of students pursuing the program are very less. Dr. Gabhe enquired whether these programs were run at any other institutes. Mr. Vipul replied that the M.Sc. program is currently being run at Nagindas Khandwala College and B.Sc program at B.K.Birla College. Dr. Gabhe enquired about the no. of students graduating from these programmes in Maharashtra. Mr. Vipul replied that the number is few 100's. Dr. Gabhe also enquired

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whether the scope in manufacturing industry was less as compared to other industries. Mr. Vipul replied that the requirement was more on the service side rather than at the back end. Mr. Vipul requested Ms. Hemali to make additions as required from industry perspective. Ms. Hemali added that basically the PG Diploma program is more oriented to develop students as 'Nutritionist' who can suggest a diet plan or life style changes. She mentioned that food processing industry is a completely different arena or a subject or a new vertical and hence a part of this is included in their curriculum but not in detail. Ms. Hemali assured that they would look into the suggestion given by the PG-BoS members and add whatever is possible. She clarified that objective is to make the students 'Nutritionist' and not as technical consultants in production house. Ms. Hemali added that many industries hire nutritionist to determine the label on their product etc. Ms. Parizad enquired if any module can be added on the 'Quality Aspect' such as how to identify food grain material, grade of the material etc. Mr. Vipul added that a part of this is included under Food processing and Preservation, both in theory and practicals. He added that students are taught about packaging materials and their ill effect on the environment, qualitative aspects of food processing and even the standards and laws governing the same are mentioned. He added that as discussed for the earlier program, more on regulatory can be incorporated in PG Diploma program as well. Dr. Gabhe added that 'Residual pesticides' on food should be stressed upon more in the syllabus. Ms. Hemali replied that the same is discussed with them in one of the modules on Healthy Cooking. Dr. Gabhe added that residual pesticides are extremely important as they have been reported to be cause of some cancers and hence requested to have more stress on the topic of residual pesticides.

Dr. Iyer enquired whether there is any emphasis in the program on how to read labels on food items, identify fraudulent labels and how to interpret food labels. Ms. Hemali added that the same is covered and the students are also given assignments on carrying out market surveys of various products and determining whether they are healthy or not. Dr. Patravale enquired whether WHO has recommended any safety guidelines for the nutritional products and if they have then whether they have been included as a part of the syllabus. Ms. Hemali replied that these are covered under Food Processing and Regulation. Prof. Patravale suggested that such topics can be added as electives. Mr. Hemali and Mr. Vipul agreed with the suggestion.

Mr. Vipul then presented the curriculum framework and syllabus for PG Diploma in Health & Integrative Lifestyle Medicine (DGHILM) (6 months, 24 credits Program). Dr. Iyer drew the attention to the fact that there are two programs one is a 1-year program, another is 6 months and yet both are referred to as PG Diploma. He enquired whether the program with 6 months duration be referred to as a Certificate Course. Dr. Patravale too agreed with Dr. Iyer. Dr. Gabhe too mentioned that generally certificate course is for 6 months, and Diploma is for 1 year. He suggested that the 6 months course be mentioned as Certificate course and one year course as Diploma. Dr. Parizad agreed with the same. Mr. Vipul clarified that the target audience for the PG Diploma Course in Health & Integrative Lifestyle Medicine would majorly be the practising Doctors and hence a PG Diploma sounds a better title than

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a certificate course. Dr. Gabhe requested to confirm the nomenclature with respect to the credits from University of Mumbai. Dr. Iyer agreed with the same. Mr. Vipul mentioned that they had checked the UGC guidelines for autonomous colleges amended in Feb 2022 and had not found any specific credit requirement for Diploma. However, for degree Program there was a mention of 142 credits or so. He added that in some colleges, programs are offered without any credits. He added that the program had been communicated and reply received from eligibility section of University of Mumbai to go ahead as per autonomy guidelines. However, he assured that they would recheck on the credits and the corresponding nomenclature. Mr. Vipul further added that they were expecting working class to register for this program which will be conducted on weekends at BCP. Dr. Parizad mentioned that if no practicals are involved for the said course, then the same can be conducted in a virtual mode. Mr. Vipul agreed that the same can be conducted in combination of virtual and physical classrooms. Dr. Parizad enquired whether the programs discussed by the team LSI were run in colleges parallelly running professional course. Mr. Vipul replied that they were not being run so far with professional colleges but are a part of science colleges.

In a nutshell, the PG-BoS members unanimously conveyed their acceptance for the PG Diploma Course as it did not involve use of laboratories and had the possibility of being conducted in virtual mode. However, the member unanimously stressed on reconsidering the start of other two courses only if the infrastructure is compliant to the additional requirements of the said courses. Dr. Iyer assured that he would request the management to once again confirm whether the starting of the new program shall be within the regulatory compliance requirement of PCI and AICTE.

After discussions and deliberations, the PG-BoS unanimously recommended that the syllabus for the three programs namely M.Sc. in Integrative Nutrition and Dietetics (2 years course, 4 semesters, 104 credits, CBCGS), PG Diploma in Integrative Nutrition and Dietetics (1 year, 48 credits, CBCGS) and PG Diploma in Health & Integrative Lifestyle Medicine (DGHILM) (6 months, 24 credits, CBCGS) in Integrative Nutrition and Dietetics offered by The Indian Pharmaceutical Association-Maharashtra State Branch's Bombay College of Pharmacy in collaboration with Lifeness Science Institute (LSI), Mumbai be approved and necessary modifications with respect to detailing of the syllabus may be made as per the recommendation of PG-BoS committee.

004.03 To approve the syllabus/module for **Two months Online Certificate course** in '**Fundamentals of Global Drug Regulatory Affairs**' offered by Bombay College of Pharmacy and **Pharma Literati** in association with The Indian Pharmaceutical Association-Maharashtra State Branch.

Dr. Iyer introduced Mr. Vijaykumar Shivpuje and mentioned that BCP in collaboration with Pharma Literati had successfully completed a certificate course on Patenting of NDDS and Specialty [505(b)(2)] products in 2021. He then requested Mr. Shivpuje to further elaborate on another collaborative two

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months Online Certificate Course in 'Fundamentals of Global Drug Regulatory Affairs which was started on 22nd May 2022 and requested the PG-BoS member to grant a post facto approval for the said course.

Mr. Shivpuje explained that the two months (30 hours) Online certificate course on Fundamentals of Global Drug Regulatory Affairs has been designed to provide a holistic overview of regulatory affairs and was basically intended to provide only a broader perspective of global drug regulatory affairs. He added that the course was meant only for the beginners who may be students or professionals working in patenting or production of formulation and analytical, QA, QC departments who wish to enter the field of drug regulatory affairs and not for industry professionals working in the field of regulatory affairs. He mentioned that the course has already been started and 41 participants have enrolled for the course. He added that half of the participants are from the industry including Sun Pharma, Dr. Reddy's and Unichem labs. He added that there were 02 participants from abroad who had enrolled for the course, one from USA and the other from Cyprus, Europe. The other participants are from varied background like intellectual property, formulation, analytical, startups, animal health care companies, faculty from Chemistry, Pharmacognosy, some researchers, some PGs and T.Y/Final Year B.Pharm students. He added that Dr. Manoj Jadhav, a BCP Alumni and Owner of a Drug Discovery company had inaugurated the course.

Mr. Shivpuje added that the course content has been designed after lot of deliberation with the stake holders and includes 7 modules moving from simple concepts to complex ones. He further discussed the contents of each module. He added that in this course Intellectual Property has also been touched upon. He added that a lot of practical case studies involving Para I,II,III and IV certifications in US have been taken up in Module 6 to understand the concept better. He added that the scope of the course is US, Europe and Domestic market and involves exposure to regulatory guidelines of more than 120 countries. He mentioned the USP for this course is an assignment to be provided by the student and inclusion of demonstration of ETCD software.

Mr. Shivpuje added that the UG-BoS members had suggested incorporation of PAT and QbD as a part of regulations. He mentioned that the same shall be added to module 4. One more suggestion received from the UG-BoS members was fssai guidelines for nutraceuticals which would be added in module 7. He added that the faculty for the course are from industry who are expertise in their own domain. Mr. Shivpuje mentioned that the resource person for GMP (Module 3) was a lady from Sanofi, Brazil.

Dr. Parizad enquired whether the course would have any coverage on Para IV or 505 (b) (2) options. Mr. Shivpuje replied that Para IV was covered under Module 6 and 505 (b) (2) is more of an authorization procedure and is included under module 5. Dr. Parizad added that we need to inculcate in our students and researchers that they need to think differently and go ahead with 505(b)(2) submission. Mr. Shivpuje agreed with the same and added that the earlier course of Pharma Literati with BCP was specifically on patenting of 505(b)(2) and specialty products. Dr. Parizad also enquired whether any case studies shall be taken up at the end of the course which would involve writing a submission or answering any queries coming up. Mr. Shivpuje replied that in the course student have to submit an assignment and each of the 41 students shall be given a different assignment. He added that the students may not have to write a

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submission for assignment, but it may be on any topics covered under any of the modules. He added that this is an overview course and may be in advanced course the students will be writing a complete dossier as an assignment.

Dr. Patravale enquired if the course was open for faculty. Mr. Shivpuje replied that faculty members were also participants for the course. Dr. Parizad asked if Mr. Shivpuje was incorporating any queries and updates that were coming with respect to the regulatory guidelines. Mr. Shivpuje replied in affirmation.

*After discussions and deliberations, the PG-BoS recommended that the **Two months Online Certificate course in 'Fundamentals of Global Drug Regulatory Affairs'** offered by Bombay College of Pharmacy and Pharma Literati in association with The Indian Pharmaceutical Association-Maharashtra State Branch be approved post facto.*

004.04 Any other matter with the permission of the Chair.

Dr. Iyer mentioned that in the last BoS meeting, approval was sought from both UG-BoS and PG-BoS for starting a certificate course on Universal Human Values (Understanding Harmony) for T.Y.B.Pharm (Sem V) and M.Pharm (Sem-II) students respectively. He added that the course was successfully completed for T.Y.B.Pharm in Sem 6 and M.Pharm students in their Sem I. Dr. Iyer requested Dr. Premlata coordinator for the UHV course to share her experiences about the course.

Dr. Premlata mentioned that the course was successfully conducted in collaboration with the UHV Cell of University of Mumbai (UoM). Dr. Sybil Thomas, Head-Department of Education, UoM played a key role in arranging the faculty for the course. She added that since the course was being introduced for the first time, the faculty members were also required to learn the concept of Universal Human Values before taking them ahead to the students. She added that around eight faculty members from UoM and its affiliated colleges were invited as resource persons to take up various modules of the UHV syllabus based on their expertise. She added that the course was conducted either in Offline or in Online mode on Saturdays starting from last week of March and the faculty members from BCP were the moderators for the course. She added that the students have been given projects which are currently being evaluated to understand their learnings.

Dr. Iyer added that it was observed that in Online mode the students were less interactive but in Offline mode they were a little better. He added that this being a non-technical course the receptivity of the students was little less in comparison to what is seen for any pharmacy subjects. Dr. Iyer requested Dr. Patravale and Dr. Gabhe to share their experiences. Dr. Patravale enquired the time at which the sessions were conducted. Dr. Premlata replied that the course was conducted on all Saturdays from 3.00 p.m. to 6.00 p.m.

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Vision : ▶ To be a leader in Pharmacy Education, Pharmacy Training and Research in Pharmaceutical Sciences
Mission: ▶ To educate and train students in the knowledge and practice of pharmaceutical sciences ▶ To contribute to improvement of health of the society through education programs ▶ To contribute to improvement of health of the society through research programs

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Dr. Patravale pointed that Online mode and sessions on weekend is probably the reason for the students being less agile. She added that in offline mode may be the response for students may be more positive. She added that it would be an achievement even if 10% of the students take the course positively and start practicing the Universal Human Values.

Dr. Gabhe affirmed that it is difficult to judge if the students have really learnt anything from the course. He mentioned that in Online mode the interaction with the students is hampered. He added that having some sort of exam at the end of the course may make the students perform better. Further he mentioned that he would get in touch with his colleague Dr. Jain, who was actively involved in running this course and convey his experiences. Dr. Patravale mentioned that she would talk to Prof. Vavia who was actively involved in conducting UHV course at ICT-Mumbai Campus and share his experiences. Dr. Patravale also suggested to get in touch with Mrs. Rama, a UDCT alumni who teacher subjects such as UHV and is favourite of all students. She added that we should conduct the course next time in offline mode and see if the responses are better, before going further.

Dr. Iyer expressed that he would be happy to meet Mrs. Rama and seek her inputs too. He added that as of now they would continue the course for one more additional year in Offline mode and see the response of the students. He also added that we would consider conducting exams at the end of the course in addition to the projects based on UHV.

As there were no other matters to be discussed, the meeting was concluded with Vote of Thanks to the members by the Chair.

Dr. Krishna Iyer

Dr. Krishna Iyer

I/c Principal and Chairman PG-BoS
Bombay College of Pharmacy-Autonomous

PRINCIPAL

Bombay College of Pharmacy
Kalina, Mumbai - 400 098



Dr. Ujwala Shinde

Dr. Ujwala Shinde

Head-Department of Pharmaceutics &
Member-Secretary UG
Bombay College of Pharmacy-Autonomous

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- WAC*
- ▶ Approved by AICTE, PCI, UGC, DTE, Permanent affiliation to University of Mumbai and Recognized by DSIR as SIRO (Govt. of India)
 - ▶ Accredited by National Board of Accreditation for UG Program for the Academic Year 2017-18 to 2021-22 i.e. up to 30.06.2022
 - ▶ National Institutional Ranking Framework India Ranking 6th in 2016, 15th in 2017, 8th in 2018, 24th in 2019, 24th in 2020
 - ▶ Best Industry Linked Pharmacy Institution (Established Degree) 1st in 2013 & 2014, Mentor in 2015 & 2nd in 2019 and Platinum Ranking Highest score band (above 30) all over India
 - ▶ FICCI 6th higher education excellence award special Jury Mention of Excellence in Enabling Research Environment

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