Detailed Report of all the Seminars conducted in the college for each Year for all the five assessment years (Entrepreneurship Development/ Research Methodology/ Intellectual Property Rights)

Year 2020-2021

1. Short Term Training Program on Entrepreneurship Development 'To train the trainers for entrepreneurship development in the field of pharmaceutics'.

Gurunanak College of pharmacy, conducted All India council for technical education sponsored three online short term training programs of one week each on theme 'To train the trainers for entrepreneurship development in the field of pharmaceutics'. This short term training program (STTP) was designed to train and develop professionals and trainer motivators among the teachers so that they can guide and motivate young individuals to take up entrepreneurship as a carrier. The program was organized in 3 phases as follows:

Phase I:- 23rd November to 28th November.

Phase II:- 7 December to 12 December.

Phase III:- 14 December to 19 December.

The STTP provided inputs on process and practice of entrepreneurship development, communication and interpersonal skills, creativity problem solving ,achievement motivation, resources available and all aspect of entrepreneurship towards goal of ,"Aatam nirbhar bharat". The main motto was to expose teachers to entrepreneurship development process and equip them to develop, vision, strategy and structures for entrepreneurship development activity in their colleges and the content was based on:

- Skills and behavior training
- Business opportunity identification
- Communication and leadership
- Creativity and innovation
- Resources building
- Information on entrepreneurship support organization
- Support institutions and banking

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Interaction with successful entrepreneur and industry leaders

In this training program eminent personalities from industries and academia were the resource persons. Mr. Shyam Khante, Mr. H. R. Waghmare, Mr. Bhimrao Rangari, Ms. Swaima Ahmad, Mr. Ujwal Jajoo, Mr. Brij Sarda, Dr. Nilesh Ugemuge, Dr. Sumant Tekade, Mr. Swapnil Gawande, Mr. Raj Agrawal, Mr. Abhijeet Deshmukh, Mr. Sumeet Jaiswal, Mr. Dilip Lohiya addressed and motivated the budding entrepreneurs. In this 70 participants completed the training in phase I, 44 in phase II and 49 in phase III. Dr. Mitali Bodhankar chair person ED cell coordinated the event.

Youtube links of the program are as follows

Date		Youtube link of the training program
23 rd -28 th	23/11/2020	https://www.youtube.com/watch?v=DP_tMUzeYWU
November 2020		https://www.youtube.com/watch?v=w5zWHTbKr5w
	24/11/2020	https://www.youtube.com/watch?v=yqPpkivRUIU&t=5467s
		https://www.youtube.com/watch?v=hRXTKe3ej78
	25/11/2020	https://www.youtube.com/watch?v=5R1SpVhMHl4
		https://www.youtube.com/watch?v=g2ertXWJ7uY
	26/11/2020	https://www.youtube.com/watch?v=Gq-UIJPMTEI
		https://www.youtube.com/watch?v=9dELr1AIYUI
		https://www.youtube.com/watch?v=IF4irEHRBlo
	27/11/2020	https://www.youtube.com/watch?v=sZhZMGdRpVg
		https://www.youtube.com/watch?v=IRt9j2AwYQ8
	28/11/2020	https://www.youtube.com/watch?v=pjrlepUIfM4
		https://www.youtube.com/watch?v=cj9Hm-wTHSM
7th Dec-	07/12/2020	https://www.youtube.com/watch?v=2hUaCm5IUIQ
12th Dec		https://www.youtube.com/watch?v=6DNde9RbUzI
	08/12/2020	https://www.youtube.com/watch?v=2FVOfBxb3pM
		https://www.youtube.com/watch?v=kLjEVk1Y4x0
		https://www.youtube.com/watch?v=YymYtoi2h5w
	09/12/2020	https://www.youtube.com/watch?v=bDdUHWwqTd0
		https://www.youtube.com/watch?v=ZEHf-YhAnl8

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	10/12/2020	https://www.youtube.com/watch?v=wAlont-lxcM
		https://www.youtube.com/watch?v=6DLFUxMbsxk
		https://www.youtube.com/watch?v=qbf4UHPvF0E
	11/12/2020	https://www.youtube.com/watch?v=CwRXZ4kM8Ik&t=33s
		https://www.youtube.com/watch?v=Qx2I12s2Ge4
	12/12/2020	https://www.youtube.com/watch?v=nl0JQSh724s
		https://www.youtube.com/watch?v=oKFeYrt2Q3M
		https://www.youtube.com/watch?v=w6s5hofzOLA
14th Dec-	14/12/2020	https://www.youtube.com/watch?v=gp62H0h3U98
19th Dec		https://www.youtube.com/watch?v=u8Pr4IM2d2w
	15/12/2020	https://www.youtube.com/watch?v=W-9Wb1ttFGg
		https://www.youtube.com/watch?v=APg_NPV9XFc
	16/12/2020	https://www.youtube.com/watch?v=4jIrGL72I_U
		https://www.youtube.com/watch?v=kJ-zqvcR0
	17/12/2020	https://www.youtube.com/watch?v=TzW6fLco3ok
		https://www.youtube.com/watch?v=_P9qpcbOmqM
	18/12/2020	https://www.youtube.com/watch?v=Sd6d4_EFT04
		https://www.youtube.com/watch?v=KVBEg77TRA4
	19/12/2020	https://www.youtube.com/watch?v=GDiNK4oa1Wk
		https://www.youtube.com/watch?v=QpVWfFSERG8
		https://www.youtube.com/watch?v=_KXEniO_bNQ&t=6s

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Year 2019-20

1. Two days training program for M. Pharm students on "Operation and applications of 3D/2D bioprinter for pharmaceuticals"

Two days training program was organized for M. Pharma students on "Operation and applications of 3D/2D bioprinter for pharmaceuticals on 28-29th Jan, 2020. In this program Mr. Sumant Bhutoria of Alfatech Systems, Kolkata gave training on operation and applications of 3D/2D bioprinter. Mr.

Sumant Bhutoria also demonstrated the use of various computer softwares for the preparation of 3D/ 2D designs to be printed using "Callink Bioprinter" installed at Gurunanak college of pharmacy, Nagpur. The event was conducted by Dr. N.P. Sapkal and Dr. V. A. Kilor

2. National workshop on Statistical Analysis for Pharmaceutical Research with MS-EXCEL

Gurunanak college of pharmacy organized Two days national level workshop on "Statistical analysis for pharmaceutical research with MS-EXCEL" held at Sardarni Paramjeet Kaur Kalsi Auditorium, from 26-27 Sep, 2019. In this workshop, Dr. Ashish A. Linge, Associate Professor, Department of business management Advance Studies & Research, C P and Berar education society's college, Nagpur was the keynote speaker. He explained various utilities of MS Excel in pharma research with the help of practical hand on training and exercises. From various colleges 140 students of B. Pharm final year and M. Pharm along with 10 faculty members attended the workshop. Dr. V. V. Kale and Mr. T. M. Rasala coordinated the event.

3. Guest lecture on "Basics of Computer-Aided Drug Design" By Dr. Prajwal Nandekar

Dr. Prajwal Nandekar, an experienced postdoctoral research associate with a demonstrated history of working in computer-aided drug design, Skilled in Pharmaceutical research, Virtual screening, Cheminformatics, and Computational chemistry have delivered a guest lecture on Computer aided Drug Design on 10 Oct, 2019. The lecture was arranged to provide updated information in this arena to the students of M. Pharm and was well

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received by them.

The guest lecture was organized by Seminar committee and Dr. N. p. Sapkal

4. Guest Lecture by Mr. Wasudev Mishra on 'Social Entrepreneurship, empathy towards social causes and sustainable goals'

Mr. Wasudev Mishra, a Young and Social Entrepreneur also a CEO at ProCohat who owns three startups on his name, delivered a guest lecture on "Social Entrepreneurship, empathy towards social causes and sustainable goals" on 7/9/2019 at Sardarni Paramjeet Kaur Kalsi auditorium. The lecture was arranged by Dr. M. M. Bodhankar.

5. Guest lecture by Mr. Mr. Satish Sagmnerkar on "Skills required for Entrepreneurship"

Mr. Satish Sagmnerkar, Corporate trainer and Mentor, delivered a guest lecture on "Skills required for Entrepreneurship" on 18th February 2020 in GNCP auditorium. The program was organized by Ed Cell.

6. Guest Lecture on 'Guidance and the various scheme of the government for start ups, for woman entrepreneurs and small scale business' by Mr. H. R. Waghmare

Mr. H. R. Waghmare, Project Officer, Maharashtra Centre for Entrepreneurship Development (MCED) delivered guest lecture regarding Guidance and the various scheme of the government for start ups, for woman entrepreneurs and small scale business on dt.:10/10/2019 at auditorium of GNCP under MOU between Gurunanak College of Pharmacy & MCED.

The event was organised by ED Cell.

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7. Workshop on 'Entrepreneurship Awareness

DST sponsored Workshop on 'Entrepreneurship Awareness' was organised by ED Cell in collaboration with MCED in the auditorium of Gurunanak College of Pharmacy from 26th December 2019 to 28th December 2019. An Industrial visit to MIDC Hingna was organised on 29th December 2019. Inauguration programme will be conducted on 26th at 1.00 p.m. Students of B. Pharm III Year and Final year attended the program on "Entrepreneurship Awareness". Total 88 students attended the program.

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Year 2018-19

1. Workshop on 'Fluidized Bed Dryer-Coater Working and Troubleshooting'

A one day workshop on 'Fluidized Bed Dryer-Coater Working and Troubleshooting' was organized for the M. Pharm students. In this event Mr. Pradip Dugane, Production Chemist, Nicholas Piramal India Ltd., Mahad (M.S.) (GNCP alumnus 2012-16, UG and 2016-18 PG) gave hands on training about working and troubleshooting of fluidized bed processor. He also answered various querries by the students. M. Pharm students of pharmaceutics and quality assurance branch took benefit of this.

The workshop was coordinated by Training and Placement Cell, Dr. V. V. Kale and Dr. S. B. Waikar,

2. Guest Lecture on 'Entrepreneurship and Management Mantras to be implemented in Business' By Ms. Swaima Ahmad

Ms Swaima Ahmad, a good orator and an influential personality delivered a guest lecture on Entrepreneurship and Management Mantras to be implemented in Business, taking into consideration the Mumbai Dabbawalas.

The event took place on 31st Aug, 2018 at Sardarni Paramjeet Kaur Kalsi Auditorium in college campus. In her address she insisted on business communication skills and basic management fundamentals and how to master them. She explained importance of advertisement, complementary services and changing business plans. She said everyone must think of value he/she wants to create in society. She further insisted on self MBA to be done in areas of Volume Creation, Right branding/ marketing, Sales, Value Delivery and Finances.

Students well received her words and the event was coordinates by Dr. M. M. Bodhankar and Mr. S. R. Manapure

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3. One Day National Seminar on 'Pharmaceutical Validation and GMP'

To upgrade the knowledge of pharmacy students for development of their skill in the field of validation in pharmaceutical industry Gurunanak College of Pharmacy organized one day National Seminar on Pharmaceutical Validation and GMP. The event was conducted on 4th Oct, 2018 in Sardarni Paramjeet Kaur Kalsi Auditorium.

In this event Dr. Rakesh Tirpude, Joint Director, Food and Drug Administration, Nagpur delivered a talk on Pharmaceutical Validation. This was followed by the session on Validation and cGMP by Dr. Shashank Lulay, Experts Club Consultants, Nagpur. Dr. Ravi Wankhede, CEO, MOHAN Foundation, Nagpur and Dr. Samir Jagirdar, Cosmetic Surgeon, Nagpur were also present for the seminar.

About 200 delegates from B. Pharm final year and M. Pharm and faculties of central India institutions benefited from this event. The seminar was coordinated by Dr. S. P. Padmane, Dr. M. M. Bodhankar and Dr. S. R. Walde

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Year 2017-18

1. Seminar on 'Success sutras for start ups'

A half day seminar 'Success Sutras for Start-ups for the M. Pharm and B. Pharm Final year students of GNCP was conducted on 8th Jun, 2018. The seminar was conducted to introduce seven basic rules needed to plan a start up. The basic introduction was given by Dr. Vinita Kale on the topic. A video film of well known business trainer Mr. Jagdish Joshi related to motivation and development of entrepreneurship skills was shown in this event. The program was coordinated by Dr. Vinita Kale

2. Two Days Training workshop on "Computer Aided Drug Design"

Gurunanak College of Pharmacy, Nagpur organized a two days training workshop on "Computer Aided Drug Design" for postgraduate students, faculty and research scholars on 3rd and 4th March, 2018. The program was inaugurated by Dr. A. M. Ittadwar, Principal, Gurunanak College of Pharmacy. Dr. Anwar Shaikh, Professor, Allana College of Pharmacy, Pune was the resource person. In this training workshop, basics of 2D and 3D QSAR, Pharmacophore mapping, Virtual screening, Molecular modeling and Docking were discussed. Hands on training was also given using the Schrodinger software tools for using computers in designing new drugs. The program was one of its own kind to help students in handling actual software related to drug designing. The program was conducted in collaboration with Dr. A. J. Asnani and Dr. P. B. Khedekar of Priyadarshini JLC College of Pharmacy and UDPS, RTM Nagpur University respectively. The program was coordinated by Dr. N. P. Sapkal along with Mr. D. P. Dharkar, Mr. K. B. Bhelkar, Mrs. S. A. Ubgade and Dr. V. A. Kilor.

3. Two Day's Training workshop on "Computer Aided Drug Development"

Gurunanak College of Pharmacy, Nagpur organised Two Day's Training workshop on "Computer Aided Drug Development" in association with Me2We Foundation on 24th and 25th Feb.2018. Aim of the workshop was to impart hands on training to the postgraduate students, faculty and research scholars regarding use of computers in drug development

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process. They were introduced with the various softwares like Gastroplus, Winnonline, Simcyp and their use as an integral part of preclinical and clinical drug development process. Dr. Rama Sivasubramanian, Clinical Development Director, Clinical Development & Analytics Novartis Healthcare Pvt. Ltd. Hyderabad, Mr. Rajendra Khade, Principal Scientist, Novartis Healthcare Pvt. Ltd. Hyderabad, Mr. Punit Girdhar, Associate Narrative Writer, Regulatory Writing & Submission team, Novartis Healthcare Pvt. Ltd.

Hyderabad were the resource persons for the workshop. Dr. A.M. Ittadwar, Principal, Gurunanak College of Pharmacy, Nagpur was the convener of the workshop, which was coordinated by Dr. V.A. Kilor along with Dr. V.V. Kale, Mr. G.K. Lohiya, Mr. K.B. Bhelkar, Mr. K.S. Moharir, Mrs. S. A. Ubgade, Mr.T.M.Rasala and Dr.N.P.Sapkal.

4. National Conference on 'Role of Excipients in Drug Product Design'

Gurunanak College of Pharmacy has organized one day National Conference on "Role of Excipients in Drug Product Design" on 3 Feb, 2018 in S. Paramjeet Kaur Kalsi Auditorium. The occasion was graced by chief guest S. Gurbux Singh Lamba, President, The Sikh Education Society and Guest of Honour S. Sarabjeet Singh Kalsi, CEO and General Secretary, The Sikh Education Society.

The keynote opening was given by Dr. Shashank Lulay, Director, Experts' Club Consultants, Nagpur. In second session Dr. Mrs. Archana Moon, Associate Professor, Department of Biochemistry, Laxminarayan Institute of Technology, RTM Nagpur University delivered a lecture on 'Targeted drug delivery in multidrug resistant microbial infection'. The third session was conducted by Mr. Mangesh Itankar, Assistant Manager, Regulatory Affairs, Dr. Reddy's Research Laboratories, Hyderabad on 'Development and implementation of regulatory strategies. After plenary sessions, poster presentation was carried out and Best posters were awarded in the valedictory function. The event was co-ordinated by Dr. (Mrs.) S. R. Walde and Dr. S. P. Padmane and around 300 delegates from academia attended the same.

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5. Lecture on Leadership and Social Entrepreneurship

A guest lecture named "Leadership and Social Entrepreneurship" was organized on 6th October 2017. Mr. Yugant Kumbhalkar, Director Youpreneur a young Entrepreneur was the guest speaker.

He stated that "The expert in anything was once a beginner" and the students can grow slowly and progressively towards their goals. Entrepreneurs need to visualize their goals and success in their minds first, if they wish to plan on making it a reality. Co-operation and colaboration is to key to success rather than competitiveness."

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Year 2016-17

1. Interdisciplinary National seminar on "Modified drug release innovations in solubility and bioavailability enhancement: option and opportunities"

GNCP organized one day interdisciplinary national seminar on 24th September 2016 on the "Modified drug release innovations in solubility and bioavailability enhancement: Options and opportunities" The seminar was inaugurated by Dr. Sarvesh Jain (Malvia), Managing Director, Onisomes Laboratory, Chandigarh (Punjab), Mr. Amit Antarkar, R&D (Site Head) Watson Pharma Pvt. Ltd. Mumbai and Dr. A.M. Ittadwar Principal, GNCP, Nagpur. The resource person Dr. Sarvesh Jain explained about the current market and job opportunities in pharma sector. Mr. Amit Antarkar explained the R&D work going on in pharma industries, Dr. Sunil Jaiswal, Associate Manager, Sun Pharma emphasized on innovations in solubility and bioavailability enhancements and also explained the different options and opportunities in solubility and bioavailabilty enhancement in modified drug release. Around 200 students of UG and PG from various colleges were participated. The programe was co-ordinate by Dr. V. V. Kale, Dr. S.K. Tilloo, Dr. S. R. Walde and Teaching and Non-teaching staff. The Valedictory Function was chaired by Dr. Sunil Jaiswal, Associate Manager, Sun Pharma Varodara (Gujrat), Dr. Biyani, Associate Prof, SKB College of Pharmacy, Kamptee and Mr. N. G. Dumore, DBCOP, Nagpur. Dr. Suhas Padmane Proposed the Vote of thanks.

2. Seminar on Entrepreneurship awareness / Opportunities

Seminar on Entrepreneurship awareness was conducted on 17th September 2016. Mr. H.R. Waghmare, Project Officer, Entrepreneurship Development, Udyog Bhavan, Nagpur was the Guest Speaker. He guided the students well and introduced about lot of opportunities ahead in MIHAN. He insisted that one should "Never Give-up". He showed the video of one of the Greatest Global living legend: Indira Nooyi. He narrated the examples to show that how a small opportunity can prove to be a big one. He told students to have Goal clarity and Passion.

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After this Mr. Gopal Gandhi an Alumni Entrepreneur and Director, Giriraj Hydrocarbons, Gondia interacted with the students. His thought provoking words were the inspiration for students. He told the students that one must be courageous to pass through a phase of struggle and must have strong determination to be successful in business. He also stated the importance of opportunity search and switch overs in business.

3. Guest Lecture on Research Development, Publication, Education, Accreditation and Institutional Development By Dr. S. S. Poddar

Dr. S. S. Poddar, Professor, Dr. D.Y. Patil institute of Pharmaceutical Sciences & Research Pune interacted with M. Pharm students on various topics such as Research Development, Publication, Education, Accreditation and Institutional Development and solved their querries. The interaction took place on 26th July 2016 and held at seminar hall. The event was managed by seminar committee.

4. Guest lecture on 'Importance of planning in Entrepreneurship' by Mr. Sumant Tekade

Guest lecture of Prof. Sumant Tekade, S.B. Jain institute of Management, Nagpur and a renowned Chhatrapati Shivaji Maharaj Story teller was organised on 8th October 2016. He delivered his talk on "Importance of planning in Entrepreneurship" or "Entrepreneurship Development: The Shivpujan Way". He inspired the students by his thought provoking words. Youths should follow the teachings of Chhatrapati Shivaji Maharaj and use the management techniques taught by him in day to day life, said Prof. Sumant Tekade. He narrated the skills, leadership qualities and decision making abilities of Shivaji Maharaj. The importance of planning, SWOT analysis and analysing situation is effective to be successful in Entrepreneurship. Youth must have talent and wisdom to become successful.

The program was organized by Entrepreneurship development cell.

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