

***3.1.3 Number of seminars/conferences/workshops  
conducted by the institution during the Ac. Yr. 2023-  
24***

**LIST OF WORKSHOPS/SEMINARS FOR THE Ac. Yr. 2023-24**

S.No.	Name of the workshop/seminar	Date from – to
1	Stem cells and bioengineering approaches for cardiac regeneration in failing hearts	28/06/2023
2	Role of alternative splicing in endometrial cancer	06/07/2023
3	Opportunities for students and faculty to become entrepreneurs	20/07/2023
4	Innovation and start-up ecosystem	26/07/2023
5	Prototype validation into start-up	28/07/2023
6	Angel investment/ VC funding opportunity for early-stage entrepreneurs	01/08/2023
7	Lean start-up and minimum viable product/business	08/08/2023
8	Innovation and startup opportunities in the healthcare and pharmaceutical sectors	12/09/2023
9	Entrepreneurship and innovation as career opportunity	06/10/2023
10	My story - Motivational session by successful entrepreneur/ start-up founder	07/10/2023
11	Problem solving and ideation workshop	03/11/2023
12	Transforming drug development: The synergy of AI, ML & 3D printing in drug design & delivery	06/11/2023 to 08/11/2023
13	National entrepreneurship day	09/11/2023
14	My story - Motivational session by successful innovators	17/11/2023
15	Entrepreneurship skill, attitude and behavioral development	12/12/2023
16	Design thinking. Critical thinking & Innovation design	05/01/2024

17	Process of innovation development, technology and readiness level (TRL) & commercialization of lab technologies & tech-transfer	06/01/2024
18	Interdisciplinary Frontiers in Precision Medicine: A Multidisciplinary Approach	08/02/2024 to 09/02/2024
19	Achieving problem-solution fit and product market fit	20/02/2024
20	PharmaEd Growth: Cultivating student and faculty excellence in pharmaceutical education	19/03/2024 to 23/03/2024
21	An evolving biologics landscape and driving innovation and opportunity	19/03/2024
22	Prototype/ process design and development	20/03/2024
23	Industry 4.0 innovations and their implications	22/03/2024
24	How to plan for start-up and legal and ethical steps	23/03/2024
25	IPRs and IP management for start-up	28/03/2024
26	Business Model Canvas	04/04/2024
27	Application of Spectroscopic & Chromatographic Techniques in Research Methodology	01/05/2024 to 10/05/2024
28	Innovation in higher education institutions: An investor's viewpoint	04/05/2024



  
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**Guest lecture on “Stem cells and bioengineering approaches for cardiac regeneration in  
failing hearts”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch has organized a guest lecture on “Stem cells and bioengineering approaches for cardiac regeneration in failing hearts” on 28<sup>th</sup> June 2023.

The guest speaker for the session was Dr. Mahmood Khan, Professor and Division Director, Division of Basic and Translational Sciences, Department of Emergency Medicine, The Ohio State University, Columbus, OH, USA.

The speaker started the session with what will be the outcome of the lecture. He explained what are stem cells and its advantages. He also emphasized the session with bioengineering approaches for cardiac regeneration in failing hearts and work going on in their university. By the end of the session, participants learned about what are the stem cells and its importance in regeneration of cardiac failures.

The total number of participants who attended the session was 142. The Sri Vishnu Educational Society supported this event.



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**Seminar on “Role of alternative splicing in endometrial cancer”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch has organized a seminar on “Role of alternative splicing in endometrial cancer” on 06<sup>th</sup> July 2023.

The guest speaker for the seminar was Dr. K. Ramakrishna, Professor, Dept. of Pathology and Immunology, Baylor College of Medicine, One Baylor Plaza Houston, Texas, USA.

The speaker started the session with what will be the outcome of the seminar. He explained about the splicing factor - SF3B1. He also emphasized the session with role of alternative splicing in endometrial cancer and work going on in their university. By the end of the session, participants learned about endometrial cancer treatment with the splicing factor - SF3B1.

The total number of participants who attended the session was 153. The Sri Vishnu Educational Society supported this event.



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**Session on “Opportunities for students and faculty to become entrepreneurs”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized a session on “Opportunities for students and faculty to become entrepreneurs” on 20<sup>th</sup> July 2023.

The guest speaker for the session was Mr. Saravanan J, IA-MIC, IBM-certified enterprise design thinking practitioner.

The speaker started the session with what will be the outcome of the webinar. He explained the innovation pathway at higher educational institutions (HEI) setup, business idea incubation, and entrepreneurial opportunity map. He also emphasized the session with some past examples. By the end of the session, participants learned about what are the opportunities for students and faculty to become entrepreneurs.

The total number of participants who attended the session was 141. The Sri Vishnu Educational Society supported this event.



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**Session on “Innovation and start-up ecosystem”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized a session on “Innovation and start-up ecosystem” on 26<sup>th</sup> July 2023.

The guest speaker for the session was Dr. D. Surendran, CEO and Founder SKS Skill Fasteners Pvt. Ltd., IA, SIH mentor of a runner team, Tamil Nadu.

In the session, the speaker started the session by playing an inspirational video of Mr. Ratan Tata. Later the speaker introduced the concept of innovation and types of innovations. He also explained the process how to start a start-up and what the stages of start-ups are. In this session, the speaker gave information on the funding agency for the start-ups and what the new government schemes for innovations. By the end of the session, audience learnt about the innovation and start-up ecosystem.

The total number of participants who attended the session was 139. This event was supported by the Sri Vishnu Educational Society.



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**Session on “Prototype validation into start-up”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized a session on “Prototype validation into start-up” on 28<sup>th</sup> July 2023.

The guest speaker for the session was Dr. Agalya V, Professor EEE, Associate head R & D, NHCE, Bengaluru.

The speaker started her session by introducing basic information on ideas and inventions. She explained the chances of failure for start-ups, different phases of start-ups, competitive advantages, and critical risk analysis. In this session, the speaker explained the concept by showing examples of developed prototypes.

The total number of participants who attended the session was 143. The Sri Vishnu Educational Society supported this event.



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**Session on “Angel investment /VC funding opportunity for early-stage entrepreneurs”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized a session on “Angel investment/ VC funding opportunity for early-stage entrepreneurs” on 1<sup>st</sup> August 2023.

The guest speaker for the session was Dr. R. Dhanasekaran, Professor in Mechanical Engineering, Guru Nanak Institute of Technology, Hyderabad.

In the session, the speaker explained the basic concepts of angel investment, venture capital, and the difference between angel investors and venture capitalists. He explained the typical angel investing process and stages of start-ups. He also mentioned the different sources of funding agencies available for start-ups in India.

The total number of participants who attended the session was 144. This event was supported by the Sri Vishnu Educational Society.



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**Session on “Lean start-up and Minimum viable product/ business”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized an online session on “Lean start-up and minimum viable product/business” on 8<sup>th</sup> August 2023.

The guest speaker for the session was Dr. Anuroop K.B., Chief Innovation Officer, Indian Institute of Information Technology, Kottayam, Kerala, India.

In the session, the speaker explained what is the meaning of lean start-up and process of lean start-up with the help of a diagram. He explained the methodology of lean start-up process with some examples such as Zaara biotech. He also explained what a minimum viable product (MVP) is and the process of MVP. By the end of the session, audience learnt about the process of lean start-up and MVP.

The total number of participants who attended the session was 62. This event was supported by the Sri Vishnu Educational Society.



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**Guest lecture on “Innovation and startup opportunities in the healthcare and  
pharmaceutical sectors”**

VIPER has conducted a guest lecture on “Innovation and startup opportunities in the healthcare and pharmaceutical sectors” on 12<sup>th</sup> September 2023 was organized in association with the Indian Pharmaceutical Association (IPA) Narsapur, MHRD’S Innovation cell, Hyderabad. Dr. Gourav Gupta, Chief Operating Officer, Avishkaran, NIPER Hyderabad, was the speaker of that lecture. The speaker delivered a wonderful session on startup possibilities in the pharmaceutical and healthcare sectors. The session was very informative and the speaker delivered a talk with plenty of examples. This type of guest lecture brings out hidden talents and skills in students and faculty.

All the IV-year students participated in the session. This event was supported by the Sri Vishnu Education Society.



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**Workshop on “Entrepreneurship and innovation as career opportunity”**

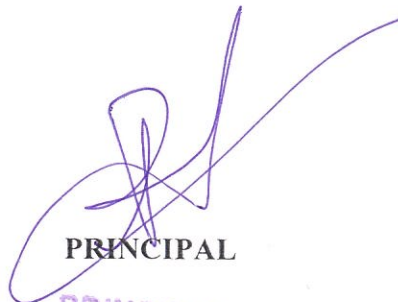
Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution’s Innovation Council, Ministry of Education Initiative has organized workshop on “Entrepreneurship and innovation as career opportunity” on 06<sup>th</sup> October 2023.

The guest speaker for the workshop was Dr. M. K. Kaushik, Director-Innovation and Entrepreneurship (SVES) and CEO, of VISHVA TBI.

Dr. A. Ramesh, Principal, Vishnu Institute of Pharmaceutical Education and Research, Narsapur, gave a welcome address to the session followed by guest speaker session. The speaker introduced the concept of innovation with different examples of innovations. He explained the different steps involved in innovation process. He also explained what an entrepreneurship is and how to become an entrepreneur.

The total participants who attended the session were 102 of UG program students and 3 faculty members. This event was supported by Sri Vishnu Education Society.



  
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**Session on “My story – Motivational session by successful entrepreneur/ start-up founder”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized an offline session on “My story – Motivational session by successful entrepreneur/ start-up founder” on 07<sup>th</sup> October 2023.

The guest speaker for the session was Mr. P. Rakesh Goud, Drug Safety Specialist, Parexel.

In the session, the speaker introduced himself how he converted into an entrepreneur, currently his roles and responsibilities. He advised students to focus more on the research publications. He addressed the students on how to begin a start-up or how to become an entrepreneur. He motivated the students to become entrepreneurs and assured them he would support them whenever necessary.

The total number of participants who attended the session was 102. Sri Vishnu Education Society supported this event.



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**Online Session on “Problem solving and ideation workshop”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution's Innovation Council, Ministry of Education Initiative has organized a session on “Problem solving and ideation workshop” on 03<sup>rd</sup> November 2023.

The guest speaker for the workshop was Mrs. Shweta Mishra, Innovation Ambassador, Assistant Professor, Dr. D. Y. Patil Institute of Pharmaceutical Science & Research, Pimpri, Pune.

Dr. A. Ramesh, Principal, Vishnu Institute of Pharmaceutical Education and Research, Narsapur, gave a welcome address to the session followed by guest speaker session. The speaker explained the concept of problem solving and different stages of ideation. The total participants who attended the session were 54 of UG program students. This event was supported by Sri Vishnu Education Society.



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**Hands on training on “Transforming drug development: The synergy of AI, ML & 3D  
printing in drug design & delivery”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch and BV Raju Institute of Technology, Narsapur has organized a hands-on training on Transforming drug development: The synergy of AI, ML & 3D printing in drug design & delivery from 06<sup>th</sup> November 2023 to 08<sup>th</sup> November 2023.

The hands-on training was inaugurated by Chief guest Dr. A. Ramesh, Principal, VIPER, Guest of honor Dr. P. Vishnu, HOD, Dept. of Pharmaceutical Engineering, BVRIT. Dr. K. Vanitha, HOD-Dept. of Pharmaceutics, welcomed dignitaries on and off the dias along with participants. He briefed the participants about the objectives of training program. Dr. P. Vishnu addressed the gathering about the importance of learning the handling of equipment and AI, ML as per the requirement of industries. Later Dr. A. Ramesh appreciated the organizers for conducting this training workshop for the benefit of the faculty. He also advised the participants to utilize the opportunity for the fullest and gain knowledge on handling of the 3D printer, AI and ML.

The total number of participants who attended the session was 20. Sri Vishnu Education Society supported this event.



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**“National Entrepreneurship Day”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution's Innovation Council, Ministry of Education Initiative has organized a guest lecture on National Entrepreneurship Day on 9<sup>th</sup> November 2023. National Entrepreneurship Day was celebrated to encourage more youth to become entrepreneurs and job creators.

The guest speaker for the session was Dr. J. Shankaraswamy, SKL Telangana State Horticulture University. The speaker addressed the students how entrepreneurs are contributing in Nation's growth and their importance – state and central Govt. initiatives for promoting entrepreneurship ecosystem and nurturing future entrepreneurs. By the end of the session, students were aware of entrepreneurship and how to become an entrepreneur.

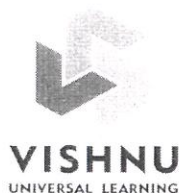
The total number of participants who attended the session was 154. Sri Vishnu Education Society supported this event.



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**Session on “My story – Motivational session by successful innovators”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution's Innovation Council, Ministry of Education Initiative has organized an offline session on “My story – Motivational session by successful innovators” on 17<sup>th</sup> November 2023.

The guest speaker for the session was Dr. Partha Palit, Assistant Professor, Department of Pharmaceutical Sciences, Assam University, Silchar, Assam.

In the session, the speaker spoke about what is the importance of science. He addressed the students about the innovations he made in his career. He isolated new compounds from natural sources. He also advised the student to focus on innovations, and entrepreneurship instead of simply doing jobs.

The total number of participants who attended the session was 127. This event was supported by the Sri Vishnu Education Society.



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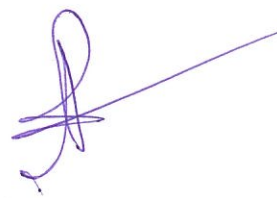
**Session on “Entrepreneurship skill, attitude and behavioural development”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized a session on “Entrepreneurship skill, attitude and behavioral development” on 12<sup>th</sup> December 2023.

The guest speaker for the session was Dr. Kanneboyina Nagaraju, Dean & Professor, Pharmaceutical Sciences, Binghamton University, State University of New York.

In the session, the speaker explained what an entrepreneurship is and what are the elements involved in it. He explained the entrepreneurial characteristics, behavioural characteristics of entrepreneurs and the need of entrepreneurship in his talk. He also mentioned the top 10 government schemes for start-ups in India in his presentation.

The total participants who attended the session were 124. This event was supported by Sri Vishnu Educational Society.



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**Workshop on “Design thinking, Critical thinking & Innovation design”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution’s Innovation Council, Ministry of Education Initiative has organized workshop on “Design thinking, Critical thinking & Innovation design” on 5<sup>th</sup> January 2024.

The guest speaker for the workshop was Dr. G. Jagadeesh, Senior Expert Pharmacologist, Center for Drug Evaluation and Research, US FDA, Silver Spring, MD, USA.

Dr. A. Ramesh, Principal, Vishnu Institute of Pharmaceutical Education and Research, Narsapur, gave a welcome address to the session followed by guest speaker session. The speaker introduced the topic design thinking and explained different stages of design thinking. He also explained the other concepts like critical thinking and innovation design.

The total participants who attended the session were 104 of UG and PG programs along with 15 faculty members. This event was supported by Sri Vishnu Education Society.



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**Workshop on “Process of innovation development, technology and readiness level (TRL) &  
commercialization of lab technologies & tech-transfer”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution's Innovation Council, Ministry of Education Initiative has organized workshop on “Process of innovation development, technology and readiness level (TRL) & commercialization of lab technologies & tech-transfer” on 6<sup>th</sup> January 2024.

The guest speaker for the workshop was Dr. Manjit Kour, Professor, University Business School, Chandigarh University, and Chandigarh.

Dr. A. Ramesh, Principal, Vishnu Institute of Pharmaceutical Education and Research, Narsapur, gave a welcome address to the session followed by guest speaker session. The speaker briefly explained what an innovation is, later introduced the topic innovation development, different levels of technology and readiness. She also explained the concept of commercialization of lab technologies and technology transfer process.

The total participants who attended the session were 56 of UG program students along with 3 faculty members. This event was supported by Sri Vishnu Education Society.



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**Two-Day International Conference on “Interdisciplinary Frontiers in Precision Medicine:  
A Multidisciplinary Approach”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with IPA, Narsapur, APTI and PTT have organized two-day international conference Aushadh 2k24 on “Interdisciplinary Frontiers in Precision Medicine: A Multidisciplinary Approach” on 8<sup>th</sup> and 9<sup>th</sup> February 2024.

The conference was inaugurated by Chief guest Dr. Pramod Yeole, Vice-President, PCI, New Delhi, Guest of honors Dr. Prasad Vara Nuli, MD, Clinical Researcher, Texila American University, Dr. Ramakrishna Meduri, Krasnow Institute of Advanced Neuroscience, GMU, USA and Dr. A. Ramesh, Principal, Vishnu Institute of Pharmaceutical Education and Research, Narsapur. Dr. A. Ramesh, Principal welcomed dignitaries on and off the dias along with delegates. Dr. Pramod Yeole addressed the gathering about how the pharmacy colleges have evolved from starting stage till now. He also advised the college management and students to focus on interdisciplinary courses as an additional course apart from the main course.

Many distinguished principals from various colleges attended the event and made it a huge success with their presence. Dr. A. Ramesh felicitated the Chief guest and guest of honors followed by felicitating the various college principals.

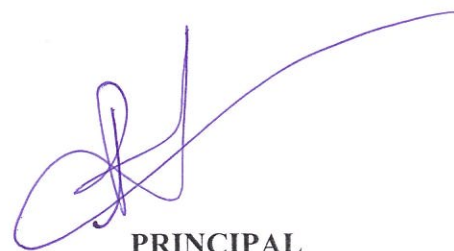
After the inauguration, keynote forum started and the speakers gave their valuable presentations. Dr. Ramakrishna Meduri delivered his talk on the topic “Precision medicine & drug discovery, trends in molecular informatics” and Dr. Prasad Nuli delivered his talk on the topic “Cell and gene therapy development issues in India- Advantages”. Post lunch, events such as scientific sessions (oral and poster presentations), pharma quiz, and debate were conducted. Over 350 scientific papers were presented.

Day 2 started with a plenary session by Dr. N. Nagalakshmi, Marketing specialist, Biomedical device, Grand Marquis, Taiwan. Other events such as the drug’s name emoji game,

crossword puzzle, innovative idea pitching, video making, and model presentation were conducted on the second day. The best posters and oral presentations in both online and offline mode were awarded with a cash prize and merit certificates. Also, the runners and winners of other events were awarded with merit certificates. We received a total of 1056 registrations from various states of India and other countries such as Saudi, USA, Bahrain, etc.

The conference ended with a valedictory function in the presence of chief guest Dr. Jagannath Kota, Director, Translational Medicine, Novartis Institutes for Biomedical Research, Guest of honors Dr. Ramakrishna Meduri, Krasnow Institute of Advanced Neuroscience, GMU, USA, Dr. N. Nagalakshmi, Marketing Specialist, Biomedical device, Grand Marquis, Taiwan and Dr. A. Ramesh, Principal, VIPER.

This conference was a grand success because of the collective effort of the staff and students of Vishnu Institute of Pharmaceutical Education and Research. The conference ended with lots of joy and happiness expressed by highly satisfied delegates.



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**Session on “Achieving problem-solution fit and product-market fit”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized session on “Achieving problem-solution fit and product market fit” on 20<sup>th</sup> February 2024.

The guest speaker for the session was Dr. T. Harinarayana, Director – ESRAC, Crescent Institute of Science & Technology, Chennai, Tamil Nadu, India.

In the session, the speaker introduced the topic innovation, difference between innovation and creativity, what is design thinking and what are the different stages of design thinking process. He explained about the innovation thinking and different phases of technology readiness levels (TRL). He also introduced the concept of commercialization and its process from lab to market i.e., path to research impact which included achieving problem solution fit and product market fit.

The total participants who attended the session were 119. This event was supported by Sri Vishnu Education Society.



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**FDP on “PharmaEd Growth: Cultivating student and faculty excellence in pharmaceutical  
education”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Quest International University, Malaysia organized a five-day FDP/SDP program, from 19-03-2024 to 23-03-2024. The Faculty Development Program (FDP) and Student Development Program (SDP) play pivotal roles in cultivating excellence in pharmaceutical education under the overarching theme of "PharmaEd Growth." By empowering faculty members with enhanced pedagogical skills, research opportunities, and professional development support, and equipping students with academic rigor, industry exposure, and career readiness, institutions lay the foundation for a vibrant and dynamic learning environment conducive to innovation, collaboration, and success in the pharmaceutical industry. Through these concerted efforts, educational institutions contribute to the continued advancement and growth of pharmaceutical education, ultimately shaping the future of the industry and its stakeholders. The workshop was organized in a hybrid mode for the faculty as well as students, and received offline registrations of 90 and 165 registrations from various colleges across the country.

**Day 1(19<sup>th</sup> March 2024)**

No. of participants: 90(Offline) & 140 (online)

The program was inaugurated by Chief guest Dr. Rajashekar Jaladi, Associate Vice-President, Dr. Reddy's Laboratory, Guest of honour Dr. B. Bhavani, HoD, SPS & T, JNTUK and Dr. A. Ramesh, Principal, VIPER. The principal has extended a warm welcome to all the guests and delegates. He also stated the purpose of organizing the FDP and congratulated the team for their efforts in receiving a good number of registrations. He urged delegates to utilize the opportunity of interacting with all industry and academia resource persons and gain knowledge. Dr. Bhavani has shared her experiences and encouraged the girl students by discussing the importance of women empowerment. Dr. Rajasekhar, has delivered a plenary session on “Role of Pharmacokinetics in Biologics Development”. He explained the features of current academic situation, requirements of industries and how institutes and industry can complement each other

by improving teaching trends. In the afternoon session, Dr. Prabhakar Vecrareddy, Head, UCPS, Palamuru University, Central Council member, PCI has discussed “Refining students and Faculty excellence in Pharmaceutical education”.

**Day 2 (20<sup>th</sup> March 2024)**

No. of participants: 85(Offline) & 140 (online)

Dr. Rajendra Prasad, Professor, Dean R&D, Vishnu Institute of Pharmaceutical Education and Research has welcomed all the Malaysian Dignitaries. Prof. Datuk Dr. Allan Mathews, Dean Faculty of Pharmacy, Quest International University, Ipoh, Malaysia has started the session on topic “Problem Based Learning”, he shared all his insights about PBL conducted in their university as part of curriculum. Dr. Datuk also explained about the challenges that they face during conducting a PBL and solutions how to overcome the same. The next session, “PBL: Metrics” was continued by Assoc. Prof. Dr. Mahibub Mahamadsa Kanakal, Director- Centre for pharmaceutical Product Development, Faculty of Pharmacy, Quest International University, Ipoh, Malaysia. Followed by session on evaluation procedure of PBL was explained by Assoc. Prof. Dr. Vijay Kotra, Head of Department - Ph. Chemistry-

Faculty of Pharmacy, Quest International University, Ipoh, Malaysia. In the afternoon session a workshop was conducted for the faculty to make them understand about PBL in detail. Offline faculty were divided into three groups with the three Malaysian Speakers as facilitators. The faculty were asked to prepare a trigger point for students and at the end of the session they were asked to present a about the expectations how the student would come up with further triggering points. Similarly, offline participants were instructed to follow the same in their respective colleges and to post the queries on the whats app group so that they could be addressed in the following day session. All the faculty expressed that PBL pedagogy would definitely benefit them in teaching students with reference to knowledge gain.

**Day 3 (21<sup>st</sup> March 2024)**

No. of participants: 85(Offline) & 140 (online)

Prof. Datuk Dr. Allan Mathews, Dean Faculty of Pharmacy, Quest International University, Ipoh, Malaysia discussed the Community and Hospital Pharmacy Dispensing procedures in Malaysia. He even explained about the importance of e-consultation, pharmacist's role and services in dispensing controlled and OTC medication. The next session “Challenges Strategies of Herbal Product Development” was continued by Assoc. Prof. Dr.Mahibub Mahamadsa

Kanakal, Director- Centre for Pharmaceutical Product Development, Faculty of Pharmacy, Quest International University, Ipoh, Malaysia. Dr. Kanakal shared about their herbal products that were marketed in global setup, he even explained about scale-up technology, stability and pharmacodynamic studies. Post lunch Prof. Dr. Long Chiau Ming, Associate Dean (Research & Postgraduate Studies) School of Medical and Life Sciences, Sunway University, Sunway City, Malaysia discussed about the antimicrobial resistance and irrational use of antibiotics. He addressed the significance of antimicrobial stewardship by sharing the statistics of antibiotic resistance. Students participated enthusiastically and even interacted with all the speakers by asking questions with the relevant to the sessions conducted.

**Day 4 (22<sup>nd</sup> March 2024)**

No. of participants: 83(Offline) & 140 (online)

Dr. V. Vamshi Krishna, DGM at Mylan laboratories ltd, Hyderabad, Telangana, India has started the day 4 session with the theme of “Pharma 4.0”, he discussed the current scenario of formulations and regulatory authorities in India as well as in other countries. He even explained about the top 9 innovations and trends coming in the pharmaceutical industry. Dr. Vamshi addressed students and faculty regarding the requirement of upgrading their knowledge and techniques with regard to the current and future industrial practices. In the afternoon session. Dr. Rajendra Prasad, Professor, Dean R&D, Vishnu Institute of Pharmaceutical Education and Research, explained to students the significance of the HPLC method development and challenges that occur in the development process. He even conducted a demo session on instrumentation like FTIR and HPLC. Students actively participated and expressed their happiness in attending the SDP session.

**Day 5 (23<sup>rd</sup> March 2024)**

No. of participants: 68 (Offline) & 135 (online)

Dr. Surender Singh Jadav, Post Doctorate, South Korea, Scientist: CSIR –Hyderabad, India started the day 5 program explaining about the drug molecules and new chemical entities. He provided a knowledge on exposure to molecular docking between target proteins and plant or chemical ligands that act as drug candidates using PDB database and Schrodinger. The session enlightened all the delegates regarding methods and advances in computer aided drug design, approaches in target selection and refinement for docking studies. identification and evaluation of binding pocket or active site and also about AI in prediction of drug- protein interactions.

FDP/SDP program ended with a valedictory at 3.15pm, staff from Mallareddy college of Pharmacy and Gland Institute of Pharmaceutical sciences received their certificates. They appreciated the program and thanked all the organizers. Mrs. Sri Chandana, Convener of the five day FDP/SDP concluded the program with a vote of thanks.



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**Guest lecture on “An evolving biologics landscape and driving innovation and  
opportunity”**

VIPER has conducted a guest lecture on “An evolving biologics landscape and driving innovation and opportunity” on 19<sup>th</sup> March 2024 organized in association with the Indian Pharmaceutical Association (IPA) Narsapur, MHRD’S Innovation cell, Hyderabad. Dr. Rajashekar Jaladi, Associate Vice President, Dr. Reddy’s Laboratory, Hyderabad, was the speaker of that lecture. The speaker delivered a wonderful session on the role of biologics in the industry’s innovation and its opportunities. The session was very informative and the speaker delivered a talk with plenty of examples. By the end of this session, the participants learned about the biologics and its role in the development of industries in terms of innovation and opportunities.

All the third and final year B.Pharmacy students participated in this session. This event was supported by the Sri Vishnu Education Society.



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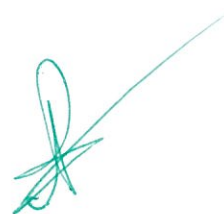
**Session on “Prototype / process design and development”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution's Innovation Council, Ministry of Education Initiative has organized a session on “prototype/ process design and development” on 20<sup>th</sup> March 2024.

The guest speaker for the session was Dr. Mahibub Mahamadsa Kanakal, Associate Professor, Director, Centre for Pharmaceutical Product Development, Quest International University, Perak, Malaysia.

Dr. A. Ramesh, Principal, Vishnu Institute of Pharmaceutical Education and Research, Narsapur, gave a welcome address to the session followed by guest speaker session. The speaker started the session by introducing the concept what is a prototype with examples. He explained different prototyping approaches and techniques available. In the session, speaker showed the example of a prototype or process design and development. By the end of the session, students gained the knowledge on prototype and how to design and develop a process.

The total number of participants who attended the session was 128. This event was supported by the Sri Vishnu Educational Society.



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**Guest lecture on “Industry 4.0 innovations and their implications”**

VIPER has conducted a guest lecture on “Industry 4.0 innovations and their implications” on 22<sup>nd</sup> March 2024 organized in association with the Indian Pharmaceutical Association (IPA) Narsapur, MHRD’S Innovation cell, Hyderabad. Dr. V. Vamshi Krishna, DGM, Mylan Laboratories Ltd., Hyderabad, was the speaker of this lecture. The speaker delivered a wonderful and very informative session and the speaker delivered a talk about what is industry 4.0 innovations and its implications. By the end of this session, the participants learned about the industry 4.0 innovation and its implications.

All the third and final year B.Pharmacy students participated in this session. This event was supported by the Sri Vishnu Education Society.



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**Workshop on “How to plan for start-up and legal and ethical steps”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution’s Innovation Council, Ministry of Education Initiative has organized workshop on “How to plan for start-up and legal and ethical steps” on 23<sup>rd</sup> March 2024.

The guest speaker for the workshop was Dr. Surender Singh Jadav, Post Doctorate, South Korea, Scientist at CSIR, Hyderabad, India.

In the session, the speaker explained what a start-up is and an idea creation process. He gave a brief note on the law of diffusion of innovation in his talk. He explained different types of IP valuation methods and also gave information to students about the government schemes for start-ups in India in his presentation.

The total participants who attended the session were 121. This event was supported by Sri Vishnu Educational Society.



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**Workshop on “IPRs and IP management for start-up”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with Indian Pharmaceutical Association, Narsapur local branch under Institution's Innovation Council, Ministry of Education Initiative has organized a workshop on “IPRs and IP management for start-up” on 28<sup>th</sup> March 2024.

The guest speaker for this session was Dr. Ranjith Kumar Gatla, Dean of IPM and Associate Professor, Department of Electrical and Electronics Engineering, IARE, Hyderabad.

The outcomes of a workshop on Intellectual Property Rights (IPRs) and Intellectual Property Rights Systems (IPRS) can significantly impact participants and the broader community. Firstly, heightened awareness and education among attendees contribute to a more informed understanding of the importance and implications of intellectual property rights. Participants leave the workshop equipped with practical knowledge about different types of IPRs, their significance in various industries, and strategies for safeguarding and managing intellectual assets effectively. Secondly, workshops aiming to promote compliance with intellectual property laws and ethical standards often yield tangible results in nurturing a culture of respect for IPRs. Participants gain insights into the legal frameworks governing intellectual property and the consequences of infringement, leading to improved adherence to regulations and ethical practices in their respective fields. This outcome contributes to a fairer and more transparent environment for innovation and creativity, benefiting both creators and users of intellectual property. Thirdly, workshops designed to stimulate innovation and creativity can lead to tangible outcomes such as increased investment in research and development, the inception of new products and technologies, and the creation of jobs and economic opportunities. By inspiring participants to utilize IPRs as tools for fostering innovation and competitiveness, these workshops contribute to economic growth and technological advancement in the long term. Lastly, the outcomes of workshops often extend beyond individual participants to encompass broader societal impacts. By promoting collaboration, networking, and dialogue among stakeholders, workshops facilitate the exchange of ideas, best practices, and solutions to common

challenges in the field of intellectual property. This collaborative approach can lead to the formulation of new policies, initiatives, and partnerships aimed at addressing emerging issues, promoting innovation, and ensuring that intellectual property rights continue to serve as drivers for positive change in the global economy.

**Objective:**

- To Give broad idea about IPR and IP Management for start-up/innovations and its importance.
- To Give idea about process of IPR filing/useful steps for patent filing/getting IPR approval for any start-up.

**Outcome:**

- Students are understanding what IPR is, and its importance for ideas, inventions and startups.
- Understand the process of patent filing.

The total number of participants who attended the session was 81. This event was supported by the Sri Vishnu Educational Society.



A handwritten signature in blue ink, consisting of a large loop and a long horizontal stroke.

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**Workshop on “Business Model Canvas”**


Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with the IIC Cell, BVRIT, Narsapur and the Indian Pharmaceutical Association, Narsapur local branch under the Institution’s Innovation Council, Ministry of Education Initiative has organized a workshop in hybrid mode on “Business Model Canvas” on 4<sup>th</sup> April 2024.

The guest speaker for the workshop was Dr. M. K. Kaushik, Director-Innovation and Entrepreneurship, SVES and CEO Vishnu Foundation - TBI.

The major objective of this workshop was giving broad idea about business model canvas to the participants and giving idea about different template for developing new business model. The speaker started the session by introducing the concept of a business model canvas. He explained different sections in the business model canvas to the audience. Then he explained how business people discuss their business models. He also emphasized some examples of business model canvas like Facebook, movie pass, etc. The audience gained sufficient knowledge on the topic of business model canvas by the end of the session.

The total number of participants who attended the session was 88. This event was supported by the Sri Vishnu Educational Society.



  
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**Workshop on “Application of Spectroscopic & Chromatographic Techniques in Research  
Methodology”**

Vishnu Institute of Pharmaceutical Education and Research, Narsapur in association with IPA, Narsapur, APTI and PTT have organized 10 days Intensive hands-on training: Workshop on “Application of Spectroscopic & Chromatographic Techniques in Research Methodology” from 1<sup>st</sup> to 10<sup>th</sup> May 2024.

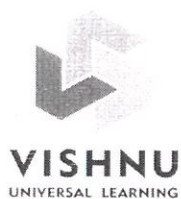
The hands-on training was inaugurated by Chief guest Dr. A. Ramesh, Principal, VIPER, Guest of honor Dr. P. Vishnu, HOD, Dept. of Pharmaceutical Engineering, BVRIT. Dr. VVS Rajendra Prasad, Dean-R&D and HOD-Dept. of Pharmaceutical Analysis, welcomed dignitaries on and off the dias along with participants. He briefed the participants about the objectives of training program. Dr. P. Vishnu addressed the gathering about the importance of learning the handling of equipment as per the requirement of industries. Later Dr. A. Ramesh appreciated the organizers for conducting this training workshop for the benefit of the students. He also advised the participants to utilize the opportunity for the fullest and gain knowledge on handling of the analytical instruments.

The training programs was conducted in the afternoon sessions for the 10 days. As a part of this training workshop, the participants have learned about sample preparation, injecting of sample into the instrument, handling of instruments such as UV spectrophotometer, FTIR spectrophotometer and HPLC and interpretation of output. A total of 13 students and 5 staff have participated in this workshop.

The training workshop ended with a valedictory function in the presence of chief guest Dr. A. Ramesh, Principal, VIPER, Guest of honor Dr. P. Vishnu, HOD, Dept. of Pharmaceutical Engineering, BVRIT. This workshop was a grand success because of the collective effort of the staff and students of Vishnu Institute of Pharmaceutical Education and Research and BVRIT. The workshop ended with lots of knowledge and hands on experience of analytical instruments expressed by highly satisfied participants.



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**Guest lecture on “Innovation in higher education institutions: An Investor’s Viewpoint”**

VIPER has conducted a guest lecture on “Innovation in higher education institutions: An investor’s viewpoint” on 04<sup>th</sup> May 2024 was organized in association with the Indian Pharmaceutical Association (IPA) Narsapur, MHRD’S Innovation cell, Hyderabad. Abdul Azeem, Founder and CEO (PharmaWiz), Pharmacovigilance Scientist, Hyderabad, Telangana, India was the speaker of this lecture. The speaker delivered a wonderful and very informative session. The speaker delivered a talk on innovations in higher education institutions and the viewpoint of investors. By the end of this session, the participants learned about the innovations in higher education institutions in terms of an investor’s viewpoint.

All the III and IV-year students participated in the session. This event was supported by the Sri Vishnu Education Society.



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