Motivational Session by Successful Entrepreneur/start-up in health care system

4th February 2021, 11 a.m

To create awareness among faculty members and students of Pharmacy, Engineering and Science courses about various facets of Start-ups and entrepreneurship as an alternative career option as also to highlight the merits of pursuing such an option.

Associating organization: OpEx Accelerator Pvt. Ltd, Kolhapur, Maharashtra

Summary: The Webinar was delivered (Live) on You-tube by the eminent resource person, Mr. Sachin R Kumbhoje, who is a Start- up Mentor, Certified Trainer, Recruitment Specialist, Speaker, Author and co-founder of three successful start-ups. Approximately 300-400 students and faculty members from various institutions attended the webinar. The focus of the webinar was on description of new type of startups in healthcare system which has started within a period of 2-5 years. The prominent start-ups discussed in the area of blood bank (start-up name-Blood sure started in the year 2012), fitness related (start-up name- Cure.Fit started in the year 2017), medical emergency based start-ups etc.

Outcomes of the Activity: The webinar created awareness among faculty members and students of Pharmacy, about various facets of start-ups, Ideation and prototype creation.

Activity Incharge: Dr. S.R Lahoti and Dr.Furquan Khan

Coordinated by :Institute's Innovation Council (IIC) and Industry Institute interaction Cell (IIIC)



Dr. Rafiq Zakaria Campus Maulana Azad Educational Trust's Y. B. Chavan College of Pharmacy



ISO 9001:2008 | NIRF-2020 ALL INDIA RANK 40th | NAAC "A" GRADE (CGPA 3.23)



Institution's Innovation Council (IIC) in association with Industry Institute Interaction Cell (IIIC) Organizes Webinar on Motivational Session by Successful Entrepreneur / Start-up in Healthcare System



Eminent Speaker

Mr. Sachin Kumbhoje Co-Founder of 3 Start-up & Ventures

- **OpEx Accelerator Pvt. Ltd.**
- **CIREE Edutech LLP**
- Plan-B Digital Start-up Media

Registration Free

- **Dr. Furguan Khan** IIC Convener

- **IIIC** Incharge

- Dr. S.R. Lahoti

E-Certificates to All Participants

Dr. Abubakar Bawazir I/C Principal **IIC President**

Thursday

3:00 pm

4th February 2021



https://forms.gle/DaxCjv7FLpDqgPSB9

https://www.youtube.com/watch?v=9XuK2XN4T38&feature=youtu.be

GPAT CRASH COURSE-2021

18th, 20th, 21st and 22nd February 2021

To provide necessary information and guidance for the preparation of GPAT examinations

Venue College Class room-01, 3rd Floor, Y. B. Chavan College of Pharmacy, Aurangabad

Description

The college staff focused on concepts specifically required to qualify and excel in GPAT. Emphasis was also made on proper utilization of time and guidance and skills for cracking GPAT 2021 questioners.

Outcomes

- ✓ Preparation of targeted topics of GPAT-2021.
- ✓ Exploring opportunities from GPAT qualification.
- \checkmark Preparation for GPAT examination and acquiring skills to qualify the exam.

Summary Scope, advantages and requirements of GPAT for further education were delivered. The session was useful and informative to all student participants.









Entrepreneurship Awareness Camp (EAC)

Three days Entrepreneurship Awareness Camp 8th-10th March, 2021

Camp was conducted to create awareness among faculty members and students about various facets of Entrepreneurship as an alternative career option and also to highlight the merits of pursuing such an option.

Associating organization: DST-NIMAT (Department of science and technology, National Implementing and Monitoring Agency for Training)

Target students: B.Pharm and M.Pharm students.

Summary: Dr. S.R. Lahoti delivered the talk of Historical background, Entrepreneurship and present scenario, identification of the opportunities for entrepreneurs. Mr. Azhar Pathan detailed about how to start a small scale unit SSI. General concept about the government formalities, rules and regulations, financial aspects of SSI unit, Dr. M.H.G Dehghan conducted the session on the topic mechanism of product selection and technology –assistance from R and D labs and others on choice of technology. Dr. S.S Toshniwal delivered the speech on the topic of "creativity and business" in which he discussed the importance of creativity in morden business and also highlighted the significance of IPR. Mr. Parvez khan highlighted the importance and impact of communication skills for better results. Lectures by practicing entrepreneur's success stories common problems faced by entrepreneurs were covered by Mr. Mukesh jain and also enlightened with different schemes and mode of financial assistance from Govt agencies, banks and financial institutions. Approximately 100-110 students of B.Pharm and M.pharm attended the camp.

Outcomes of the Activity:

Camp created awareness among faculty members and students of Pharmacy, about various facets of entrepreneurship as an alternative career option and also to highlighted the merits of pursuing such an option.

Activity Incharge: Dr.Furquan Khan

Coordinated by : Institution's Innovation Cell (IIC),



Entrepreneurship as a Career Choice

2nd April 2021, 11.am

To extend the message of Entrepreneurship as a career choice among the students and faculty members. Successful Entrepreneurship can change the economy of our country and convert the life style and work culture in addition to creating wealth.

Target Students: B. Pharm and M.Pharm final year students

Summary : The webinar was delivered live on zoom App by eminent resource person "Dr. Baishali Mitra" an educator in the area of business communication and organisational communication with over 17 years of experience in academia.

Outcome:

Webinar created awareness among the students of B.Pharm , M.Pharm final year and faculty members about Entrepreneurship as a career choice.
Students learned the significance of Entrepreneurship and its advantages after graduation.

Coordinated by: Industry Institute Interaction cell (IIIC) and Institute's Innovation council(IIC)

Activity In-Charge : Dr. Furquan Khan



Environment Protection and Waste Management

5th June 2021, 3 p.m

The activity was conducted by Environment Awareness committee (EAC) to spread the message of Environment protection and waste management at home among the students and faculty members considering the pandemic situation.

Target Students: B.pharm, M.Pharm, research scholars and Faculty members

Summary: The Webinar was delivered (Live) on google App by the eminent resource person, Dr. Kamalkishor Baheti, who is Head of Department of chemistry and researcher at Y.B Chavan college of pharmacy, Aurangabad. Approximately 100 students and faculty members attended the webinar, it was focused on why and how the environment should be protected, importance of waste management, simple techniques can be adopted at home and demonstration of live example of waste management was given. The webinar was followed by tree plantation in Dr. Rafiq Zakaria campus.

Outcome of the activity: The webinar created awareness among faculty members and students of Pharmacy, about various facets of environment protection and waste management.

Activity Incharge: Dr. M.H Dehghan

Coordinated by :Environment Awareness committee and IQAC



Seven pillars of success 20th July 2021

To develop the employability and soft skills in students

Target audience: B. Pharm and M.Pharm students

Summary: Around 554 students from the Pharma fraternity, from around the country, had registered for the webinar. The resource person Mr. Brij S. Sarda, Founder and Head of Medigarce, Nagpur, shared his expertise and guided the participants on how to become successful in their respective careers. He also explained the importance of soft skills in their career path. It was conducted online on Zoom app. The delegates had given the feedback and received E-Certificate of participation.

Outcome: The discussion in webinar motivated the participants be updated with technology advancements and soft skills. The students were made aware of various soft skills required for a successful career. The analysis of feedback revealed that webinar was well appreciated by the participants.

Coordinated by: Industry Institute Interaction cell

In-Charge: Dr. S. R. Lahoti



Mr Diri C Carda

Prototype Validation and Product fit for Market Start-up 26th July 2021

To highlight various aspects of start-up journey and benefits of Entrepreneurship as a career choice among the students and faculty members. **Target Students:** B. Pharm and M. Pharm final year students and Faculty members

Summary :Live and interactive session was conducted on zoom App by Mr. Suresh Somare (Start-up co –founder Sehateasy) Healthcare division at Taracxn pvt Ltd, Bangalore and analyst at Market research future, Pune. More than 150 students and faculty members from various pharmacy institutes attended the webinar.

Outcome:,

•Webinar highlighted various stages of a healthcare start-up i-e how the product can be built to fit in the market also importance and benefits of Entrepreneurship as a career option.

All the attendees were provided with E-certificates.

Webinar was well appreciated by the delegates and suggested to arrange such more webinars.

Coordinated by: Institute's Innovation council(IIC)

Activity In-Charge : Dr. Furquan Khan



Field visit to Bajaj Incubation Centre 26th July, 2021

The objective of the activity was to understand the concept of Incubation centers and to know about their model operations.

Target Students: B.Pharm, M.Pharm final year students and Faculty members

Summary: The students and faculty members visited Bajaj Incubation center located at Dr. Babasaheb Ambedkar Marathwada university, Aurangabad. 25 start-ups are incubated at the center including the sehateasy start-up. The center manager Mr. Niwruti Manohar Gajbhare explained the details about various activities of the center.

Outcome of the activity: The field visit to the Incubation center gave exposure of usefulness and working of an Incubation center.

Coordinated by: Institution's Innovation Council IIC

Activity Incharge: Kazi Yasar



Innovations in Pharmacy

5th October, 2021, 11 a.m

To generate awareness on innovation, IPR and start up in such institutions with funding assistance from MIC and AICTE. To make students faculty members aware about innovation ecosystem in their surrounding and national level.

Associating organization: All India Council of Technical Education (AICTE) and Ministry of Education's Innovations Cell (MIC)

Target students: B.Pharm, M.Pharm final years students and faculty members

Summary: Impact lecture series-I (lecture-I) was delivered live on Microsoft teams App by eminent resource person Dr. Syed Moinoddin Rashid, General Manager, Wockhardt research centre, Aurangabad. Informative session created awareness about various aspects of innovations in solid oral drug delivery system such as pellets containing tablets its manufacturing techniques, recent advances in manufacturing equipment. More than 250 students and faculty members attended webinar.

Outcomes of the Activity:

•Students learned current techniques in development of oral solid dosage forms.

•Also learned recent advancements in manufacturing technology for preparation of tablets containing pellets by using most advanced equipment.

Activity Incharge: Dr.Furquan Khan

Coordinated by : All India Council of Technical Education (AICTE), Ministry of eucation's Innovation Cell (MIC) Institution's Innovation Cell (IIC),



Role and Application of IPR in Pharmacy

5th October, 2021, 2 p.m

To support IIC institutions to generate awareness on innovations, IPR and startup in such institutions with funding assistance from MIC and AICTE. To streamline campus innovation and start-up ecosystem and help in establishing strong connection with ecosystem enablers at regional and national level.

Associating organization: All India Council of Technical Education (AICTE) and Ministry of Education's Innovations Cell (MIC)

Target students: B.Pharm, M.Pharm final years students and faculty members

Summary: Impact lecture series-I (lecture 2) was delivered live on Microsoft teams App by eminent resource person Mr. Vijaykumar Shivpuje, Director Patlex Business solutions and pharma Literati. Latur, Maharashtra. More than 250 students and faculty members attended webinar. The activity highlighted the different aspects of patenting in allopathic medicines with the special mention on herbal formulations and detail about government fees structure for Indian patent application and recent regulations in patent fees.

Outcomes of the Activity:

•The impact lecture series session created awareness about various aspects of IPR.

Students came to know how to protect innovation through IPR

Activity Incharge: Dr.Furquan Khan

Coordinated by : All India Council of Technical Education (AICTE) Ministry of eucation's Innovation Cell (MIC) Institution's Innovation Cell (IIC),



Entrepreneurship in Pharmacy

20th October, 2021, 11 a.m

To generate awareness among the participants about various fields of entrepreneurship in pharmacy having good returns.

Associating organization: All India Council of Technical Education (AICTE) and Ministry of Education's Innovations Cell (MIC)

Target students: B. Pharm, M.P harm final years students and faculty members

Summary: Impact lecture series-I (lecture 1) was sponsored by AICTE, MIC. The activity was delivered live on Microsoft teams App by eminent resource person Dr. Sailesh Jayantilal Wadher, Professor and director, school of pharmacy, Swami Ramanand Teerth Marathwada university, Nanded, Maharashtra. More than 120 students and faculty members attended webinar. The activity enlightened various areas of Entrepreneurship in pharmacy field where tremendous scope is still available. Also highlighted about innovation, incubation and start-ups in pharmacy. Detailed step by step process of starting of pharmaceutical industry.

Outcomes of the Activity:

•The impact lecture series session created awareness among the participants about various fields of entrepreneurship in pharmacy having good returns.

•Participants learned how invention can be converted into innovation and ultimately leading to a successful start-up.

Activity Incharge: Dr.Furquan Khan

Coordinated by : All India Council of Technical Education (AICTE) Ministry of eucation's Innovation Cell (MIC) Institution's Innovation Cell (IIC),



Design Thinking and Critical Thinking in Pharmacy

20th October, 2021, 2 p.m

To support IIC institutions to generate awareness on innovations, IPR and startup in such institutions with funding assistance from MIC and AICTE. To make the students aware of application of critical thinking in setting up a new start up in field of medicinal plants.

Associating organization: All India Council of Technical Education (AICTE) and Ministry of Education's Innovations Cell (MIC)

Target students: B.Pharm, M.Pharm final years students and faculty members

Summary: Impact lecture series-II (lecture 2) was delivered live on Microsoft teams App by eminent resource person Dr. Prakash Itankar, Professor in pharmacognosy, Head of departmaent of pharmaceutical science, director technology park. Rashtraant Tukadoji Maharaj, Nagpur university, Nagpur. The lecture highlighted how to think critically in pharmacy field by various examples of medicine developed.

Outcomes of the Activity:

•Participants learned how to think critically in pharmacy field.

•Learned advantages of traditional healing system and opportunities as an entrepreneurship

•Avenues of entrepreneurship in the area of wonder drugs from medicinal plants such as paclitaxel.

Activity Incharge: Dr.Furquan Khan

Coordinated by : All India Council of Technical Education (AICTE) Ministry of Education's Innovation Cell (MIC) Institution's Innovation Cell (IIC),



Online National Level Quiz on Human Anatomy and Physiology organized by JIIU's Ali-Allana College of Pharmacy, Akkalkuwwa, Nandurbar. (3rd Nov 2021)

•Title of Activity: Human Anatomy & Physiology National Level Quiz Competition 2021

•Date and Venue: 3rd Nov 2021, Online

•Summary: A National Level Quiz Competition on Human Anatomy & Physiology, was organized by Ali-Allana College of Pharmacy, Akkalkuwa, Nandurbar (MS) on 3 Nov, 2021. On behalf of Dept. of Pharmacology, Dr. Khan Dureshahwar, with permission from I/C Principal, Dr. Abubakar Bawazir Salam, has circulated the details of the quiz and also guided the students regarding it. Students were prepared and allowed to practice different MCQs in order to face the quiz confidently.

•About 15 students of our college participated in this activity and two students bagged top prizes, including Raman Naikhnaware (M. Pharm 2nd yr, Pharmacology) bagged 5th Rank and a cash prize of Rs.500/- while Sara Khan (B. Pharm. 2nd yr) bagged 2nd Rank and a cash prize of Rs. 3500/-. Dr. Khan Dureshahwar has been awarded with a memento for Best Mentor Award and a Certificate of Appreciation for the same.

Name of activity In-charge : Dr. Khan Dureshahwar



Online Essay Competition on National Education Policy

12th November, 2021

The objective of the activity was to enlighten the students about the quality education system. Conscious awareness of one's roles and responsibilities in a changing world.

Summary Online essay competition on 'National Education Policy ', was organized in association with department of pharmacology and NSS. 32 students have participated and three judges were appointed to evaluate the essay. The marking was done on the basis of content, relevance to the topic and presentation, two students secured highest marks and ranked them first and second respectively.

Outcomes

Students learned about India-Centric education system that contributes directly to transforming nation sustainably into an equitable and vibrant knowledge society by providing high quality education to all.

Winners 1st Winner: Ms. Shaikh Zainab 2nd Winner: Ms. Prajakta Gorakhnath Glhar Activity Incharge Dr. Nikhilkumar S.Sakle Mr. Altamash Ansari

E-Poster Competition On Innovations in Pharmaceutical Packaging

26th November, 2021

The objective of the activity was to make students aware and learn about the latest technology in Pharmaceutical packaging.

Summary E-poster competition on 'Innovations in Pharmaceutical Packaging', was organized by IIC and Department of Pharmaceutics. The e posters were called from B.Pharm, M.Pharm and Pham D students and five days' time was given for e poster preparations. Posters were judged by Dr. S.R.Lahoti HOD Pharmaceutics and Dr. M.H.Dehghan IQAC In-charge. Around 38 students registered for the competition and 12 E-posters were selected for the competition (Ambad Shruti, Sumit S.Lumbde, Chopane AA, Rajashree Waghmare, Prajakta Jadhav, Sunil Kadam, Poonam Kardile, Nikam V.Sanjay, R.K Thombre, Jhanvi Patil, R.M Raut, Mohd S.Deshmukh).

Winners

1st Winner: Ms. PrajaktaJadhav, B.PharmIVth Year, Dayanand Institute of Pharmacy Latur.

2nd Winner: Mr.Krishna Sunil Kadam, B.Pharm IVth year, Anand C.S. College of Pharmacy Ashti.

3rd Winner: Ms. Ambad Shruti, M.Pharm IInd year, Channabasweshwar College of Pharmacy, Latur.

Organized by Institution's Innovation Council and Department of Pharmaceutics

Activity In-charge: Dr. Maria Saifee



INNOVATIONS IN PHARMACEUTICAL PACKAGING

Prajakta V. Jadhav*, Pratibha S. Jadhav Dayanand Institute of Pharmacy, Barshi Road, Latur-413512. Emoli-indhaspeniakin1904/figmali.com



ABSTRACT

Packaging is the science, art and technology of enclosing or protecting products for distribution, storage, sale, and use. The Pharmaceutical industry is the perfect place to show some advancement in packaging. The poster details several of the recent pharmaceutical packaging trends and innovations in pharmaceutical packaging that are impacting packaging industry, and offers some predictions for the future.

KEY WORDS *i* Pharmaceutical packaging, packaging, recent trends, Innovations in packaging, future.

INTRODUCTION

Packaging has been defined as an economic means of providing presentation, identification, protection, information, convenience and containment during storage of pharmaceutical products from the minute of manufacture until it is used or administered.

Objectives of packaging-

To provide protection against physical damage and various barrier, containment, communicating information, safety, handiness and segment control.

To provide protection against elimatic conditions, biological, physical and chemical hazards and must be economical.

To ensure adequate stability of the product throughout the shelf life.
To carried out for the purpose of the safety of the pharmacettical preparations in order to keep them free from contamination, hinder microbial growth, and ensure product safety through the intended shelf life for-the pharmaceuticals.

RECENT PACKAGING TECHNOLOGIES

Overt (visible) features
 Covert (hidden) features
 RFID
 Packaging designs: Materials/Substrates and
 other design options
 Security labels
 Coding, printing and graphics
 Tholograms
 R Forensie markers
 Mass encoding/trace and track technologies





It is necessary that packaging industry upgrades more in research to have a holistic approach to packaging that would go beyond functional aspect of packaging. This study aimed to evaluate the impact of innovation variables on packaging quality of pharmaceutical products. Advanced integrated robotic systems are becoming more and more common in packaging lines for a wide variety of applications and at the same time it lowers costs, reduces risks, and shortens times.

REFERENCES

Wasim Raja. et al. Innovations In Pharmaceutical Packaging – An Update. International Journal of Advanced Biomedical & Pharmaceutical Research; 2012, 1(1): 29-39.

Nityanand Zadbuke, et. al. Recent trends and future of pharmaceutical packaging technology. Journal of Pharmacy and Bioallied Sciences; 2013, 5(2): 98-110.



Workshop on Entrepreneurship and Innovations as Career Opportunity 27th Nov, 2021

To create awareness among the students regarding entrepreneurship as a career option.

Target Students: M.Pharm students

Description This workshop was conducted offline to identify talented youth and motivate them for entrepreneurship and innovation work. 45 students and 10 faculty members attended the activity. Mr. Amit Ranjan, executive officer, AIC-BAMU foundation conducted the informative session.

Outcomes of the activity

•Created awareness among the students regarding entrepreneurship as a career option. Motivated students for developing new business ventures and how to build strong sustainable business.

•Encouraged Start-ups for establishment of companies and generating revenues by the way of technology marketing and development.

•Students learned how to create outstanding product, strong brand or customer network.

Activity In-charge: Dr. Rana Zainuddin

Coordinated by: Dept of QA and IIC



Online Quiz Competition On Pharmaceutical Start-up 29th Nov, 2021

To bring awareness among the students of pharmacy graduates and post graduates about various pharmaceutical startups.

Description. Institution's Innovation Council and Department of Pharmacology, Y. B. Chavan College of Pharmacy, Aurangabad, had organized an online quiz Competition, Around 525 participants had registered and 190 students have participated in the competition. quiz was evaluated by evaluation committee, three students secured highest marks and ranked them first, second and third.

Activity Experiences

•The students learned about various terms used in Startups especially in Pharmaceutical sector.

•Students came to know Startup India scheme, DPIIT, Digital health market growth etc.

Winners:

1st Winner, Trupti Subhash Bargal, Gajanan Maharaj College of pharmacy Nipani-Bhalgaon Aurangabad

2nd Winner, Rathod Nikita Sahebrao, MET'S Institute of Pharmacy, Nashik

3rd Winner, Aarti Shahaji Ombase, Dr. D.Y. Patil Institute of Pharmaceutical Science and research, Pimpri

Activity Incharge: Dr. Hemant Une



Online QUIZ competition On **Pharmaceutical Startups**

Date : 29th November, 2021, 4.00 PM Free registration and e – certificate Link for registration- https://forms.gle/itdEvcuEu9m1rqZj8

Organizing committee

Dr. Hemant D Une	Dr. Syed Ayaz Ali	Dr. Furquan Khan	Dr. Abubakar S. Bawazir

Co-ordinator

HOD Pharmacology (In-charge IIC)

(Convener, I/C Principal,

President IIC)

Intellectual Property Right

2nd December -2021

IPR quiz competition was conducted to help the students to acquaint with importance of patent, patent right, copyright, trademark.

Target Students: Graduates, post graduates and Research

Scholar from any discipline

Summary : IPR quiz competition was organized in association with Department of Pharmaceutical Chemistry Y.B. Chavan College of scenario. Approximately 230 plus students have attended the Online IPR Quiz competition. The online quiz was evaluated through expert panel which includes Dr. K.G. Baheti and Mr. Mohammed Imran Anees and a report of evaluation was prepared depending upon the time and questions attempted by the candidates. 3 candidates were selected out of 230 plus students who have got maximum marks in online IPR Quiz. The quiz competition covers various aspects of IPR like patent right, copyright, trademark and laws related to them.

Outcome: This competition created awareness about IPR laws, owners' rights and the economic, social, cultural benefits of IPRs among students of different disc

Winners:

1. Namrata Uttam Pansare from Satara College of Pharmacy, Satara (scored 52/60)

2. Jyotsna Raut from sataracollege of Pharmacy, Satara (scored 50/60)

3. RajashriAutade from NCRD's Sterling Institute of Pharmacy, Nerul, Navi Mumbai (scored 48/60)

Coordinated by: Institute's Innovation council(IIC)

Activity In-Charge : Mr. Mohammed Imran Anees



Dr. Rafiq Zakaria Campus Maulana Azad Educational Trust

Y.B. Chavan College of Pharmacy, Aurangabad



NAAC Accreditation "A" GRADE WITH 3.23 CGPA SCORE NIRF -2021 All India Rank 53rd **Department of Pharmaceutical Chemistry**

and Institution and Innovation Council(IIC) Organizes

ONLINE QUIZ COMPETITION ON INTELLECTUAL PROPERTY RIGHT(IPR)

FREE REGISTRATION and E-Certificate to Qualified Participants

Link for Registration to online IPR QUIZ https://forms.gle/cvtVYdcCKNXJVmLG7

Mr. Imran Anees Co-ordinator

Date & Time 2nd DECEMBER-2021

4.00pm-4.40 pm

Dr. K. G. Baheti HOD Ph. Chemistry

Dr. Furguan Khan (In-charge IIC)

Dr. Abubakar S. Bawazir (Convener, I/C Principal, President IIC)