



VISION

- To be amongst the top ten Pharmacy colleges in India by imparting excellence in Pharmacy education.
- Instilling research temperament in Pharmacy students.
- Continuous up gradation of infrastructure to maintain high standards of education

MISSION

- Inculcating timeless values of caliber, competence, confidence and conscience in budding pharmacists.
- Indoctinate quality in all aspects of Pharmacy education thereby enabling provision of better healthcare services.

QUALITY POLICY

- The AISSMS College of Pharmacy is committed to empower our students to meet global challenges in Pharmacy profession through excellence in education.
- Our highly qualified and committed faculty is constantly exploring newer frontiers of knowledge with the intention to build quality pharmacist.
- We believe in honing the overall persona of our students through excellence in academics, co curricular and extracurricular activities.
- We strive to develop a sense of social obligation and discipline among our students not only to make a better technocrat but also a better human being.

OBJECTIVES

- To provide sufficient understanding of scientific principles and techniques of pharmaceutical sciences.
- To develop commitment for the quest of science.
- To provide comprehensive knowledge and experience.
- To provide exposure to latest techniques and technologies.
- To teach pharmacy ethics to students.
- To cater to manpower for globally growing pharmaceutical industry and for implementation of drug laws for compliance to regulatory norms.

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Editorial

There Is No Reset Button, No Way To Erase Annus Horribilis. But Perhaps Optimism About A New Year Isn't Unwarranted."

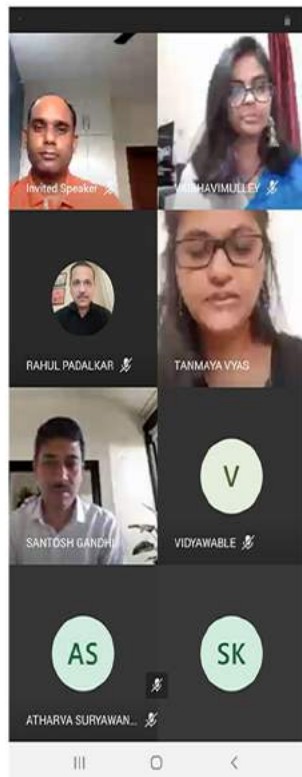
When December turns up every year, there is a cause of reflection. Another year over, full of memories, experiences and events to mark the time! But this year's reflection looks different. We are nine months into a pandemic that has kept us sheltered at home and disconnected from those we love. Processing the loss and change that 2020 brought will take time. While there is always "HOPE" that stays with us! It's a sure way to end 2020 on a positive note and the last step is to look towards the future with optimism! With this optimism, we bring you the Volume 6 Issue 2 of The Pharmavoice! We would like to express our sincere gratitude for the support you have given us throughout 2020 and hopefully, we will do the same for you. Keep scrolling for insights of happenings and also to update your knowledge.

Thanking you,
Team Pharmavoice.

News And Events

Mahatma Gandhi and Shri. Lalbahadur Shastri Jayanti Celebration (Date - 2nd October 2020, Time - 04:00 pm)

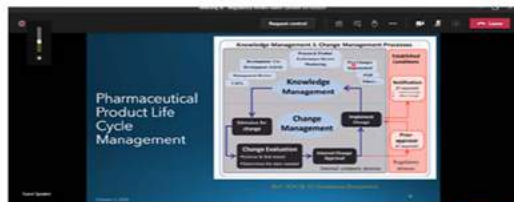
On the occasion of Mahatma Gandhi and Shri. Lalbahadur Shastri Jayanti, AISSMS College of Pharmacy, in association with Youth Peace foundation, Delhi, organized an Interactive webinar "Success and You". The Youth Peace foundation is a nonprofit organization registered in Delhi aimed towards developing a culture of Humanity and Peace in society through its initiatives. This one and half hour event was really worth all our human resources. The topic was explained very well by Mr. Prem Rawat. The subject was Success and you- Journey to the Self to unlock your true potential, and was well appreciated. Mr. Prem's message is real human need: not only for all youth but it is required for all human beings. Further, there was a very interactive session between the students and the facilitator of Youth Peace foundation, Mr. Hans Kumar Yadav. He covered points related to moral values like Human Integrity, Faith, Trust and Ethics which are equally important for success in life. The event was attended by students of S.Y. B. Pharm and T.Y. B. Pharm [Total 87 members - 52 Girls and 35 Boys] along with 22 staff members. Finally, the vote of thanks was proposed by Mrs. Vidya Wable. The event was coordinated by Dr. S. V. Gandhi, Mrs. V. N.Wable and Mr. R. R. Padalkar under the guidance of Principal, Dr. Ashwini Madgulkar. Students Vaibhavi Muley and Tanmaya Vyas from second year B. Pharm. participated in conduct of the event.





Guest lecture By Mr. Pramod Dahibhate Senior Vice President Regulatory Affairs, Lupin Ltd on (Date - 3rd October 2020, Time - 10:00am)

AISSMS College of Pharmacy, Pune, organized a Guest lecture for the students of Final year B.Pharm and M.Pharm Sem III on "Regulatory Affairs – An Interesting & Challenging Profession" on 3rd Oct 2020. Guest Speaker for the program was Mr. Pramod Dahibhate, Senior Vice-president Regulatory Affairs, Lupin Ltd. The Guest speaker was introduced by Mr. Shubham Naikwadi, student of Final Year B.Pharm. Mr. Pramod Sir spoke at length from his experiences on the Vital role of Regulatory Affairs related to product and process commercial availability in the least possible time and expenses to reach the product to the market and highlighted the different requirements for ANDA (Abbreviated New Drug Application) submission. He also explained the tough time of the pandemic situation and how they work in industry. He interacted with the students and answered many of their queries. Total 65 students attended the Session on MS Teams. The vote of thanks was given by Mr. Gaurav Mahajan, Student of Final Year B.Pharm. The lecture was organized under the guidance of Principal Dr. Ashwini Madgulkar.

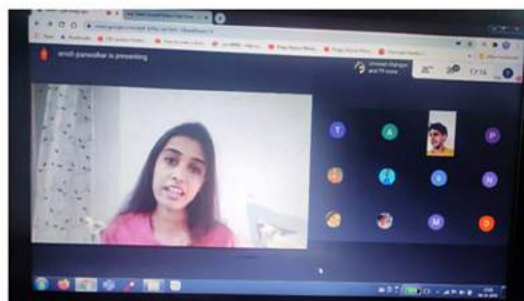


The lecture was coordinated by Dr. Monica RP Rao, Mr. Jitendra W Gajbe and Mr. Omkar Devade.

Online Farewell for B.Pharm. 2016 - 2020 Batch (Date - 6th October 2020, Time - 04:15 pm)

Considering the current pandemic situation, we decided to have an online farewell to the batch of 2016-2020. The schedule was planned on 6th October 2020 at 4.15 pm. The invitation card for the

2020 at 4.15 pm. The invitation card for the Final year students and all the staff members was prepared by Ms. Samruddhi Pande and team. The meeting invite was sent on Google meet to all the teaching and non-teaching staff members and students of Final year B.Pharm. The programme started at around 4.15 pm and was conducted for about an hour. Mrs. Reshma Mirajkar Madam and Dr. S.V.Gandhi addressed the students. Mr. Atharva Kulkarni was declared the Best outgoing student by Principal Dr. Ashwini R. Madgulkar. The declaration was done based on the highest voting received from all the staff members based on the criteria decided every year. Ms. Shivani and Ms. Shivanjali from T.Y.B.Pharm (current Final Year batch) anchored the programme. Anish Panwalkar shared a video clip of memories. Shubham gave his speech and Ms. Neha Sali presented a song. Riya Keskar delivered a speech and Harshada presented her poem. It indeed was a successful online event with an altogether different experience.

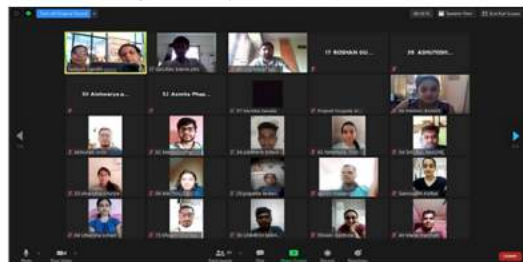


Celebration of Virtual "Vachan Prerna Divas" (Date - 15th October 2020, Time - 01:30 pm)

The Government of India has declared 15th October as 'Vachan Prerna Divas' to mark the birth anniversary of the visionary spirit and former President of India, late Dr. A.P.J. Abdul Kalam. We celebrated the day on 15th October 2020. Due to COVID-19 pandemic we decided to celebrate 'Vachan Prerna Divas' virtually through Zoom Meeting. Dr. Suruchi Naik, Author, was invited as a guest of this program. Dr. Suruchi Naik shared her views on 'Vachan Prerna Divas' and her experience.

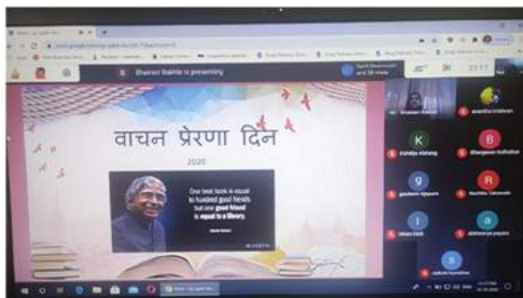


this was followed by an interactive session with her. Principal Dr. Ashwini R. Madgulkar madam, all Teaching and Non-teaching Staff of the college were present for the same. We conducted the celebration in 4 different sessions. On 15th October 2020, we conducted the celebration with students of Final Year B.Pharm. The 1st session was attended by 48 students through the Zoom Meeting. Abhishek Joshi, from the same class gave the speech on Dr.A.P.J.Abdul Kalam and his views on the 'Vachan Prerna Diwas'. Librarian Mrs. S.P.Jadhav, also expressed her views on Dr. A.P.J.Abdul Kalam and the importance of reading books and reading habits. The Class Teacher of Final Year B.Pharm., Mrs. Reshma Mirajkar was present with us.



In the 2nd session, we conducted the celebration with students of Third Year B. Pharm. We celebrated the program with 50 students in all through the Microsoft Meeting. Bhairavi Bakhle, from the same class gave the speech on Dr.A.P.J.Abdul Kalam, her reading experience of various books and views on the 'Vachan Prerna Diwas'. Librarian Mrs. S.P.Jadhav, also expressed her views on Dr.A.P.J.Abdul Kalam and the importance of reading books and reading habits. The Class Teacher of Third Year B.Pharm., Dr. Trupti Chitre was present with us. In the 3rd session, we conducted the celebration with students of Second Year B.Pharm. We celebrated the program with 80 students through the Microsoft Meeting. Namrata Rathod, from the same class gave the speech on Dr. A.P.J.Abdul Kalam and her views on the 'Vachan Prerna Diwas'. Librarian Mrs. S.P.Jadhav, also expressed her views on Dr.A.P.J.Abdul Kalam and the importance of reading books and reading habits. The Class Teacher of Second Year B. Pharm., Mrs. Kalyni Asagavkar and Mrs. Shivani Rao was present with us. In the 4th session, we had conducted the celebration with students of M.Pharm (Second year). We celebrated the program with 15 students in all through the Microsoft Meeting.

Shruti Suryavanshi, from the same class gave the speech on Dr.A.P.J.Abdul Kalam and her views on the 'Vachan Prerna Diwas'. Librarian Mrs. S. P. Jadhav, also expressed her views on Dr.A.P.J.Abdul Kalam and the importance of reading books and reading habits. The Class Teacher of M.Pharm., Dr.Mangesh Bhalekar was present with us.



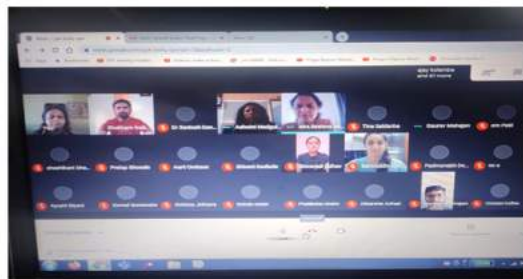
Online Farewell for M.Pharm. 2018 - 2020 Batch (Date - 22nd October 2020, Time - 04:15 pm)

The farewell for the M.Pharm Sem IV 2018-2020 batch was organised on Google meet platform on 22-10-20. The session was conducted by Ms Shruti Suryawanshi (Pharm Chem), Mr Saurabh Jadhav (QA). Mr Pradip Chavan and Ms Mrunal More provided the online support (Pharmaceutics). There were speeches by Principal Dr Ashwini Madgulkar, and staff Dr Mangesh Bhalekar, Dr S V Bhandari, Mrs Swati Kolhe on behalf of M Pharm specialization departments. Ms Pradnya Shirude (Pharmaceutics), Mr. Shubham Lavhe (Pharm Chemistry) and Mr Naresh Chaudhari (Pharmacology) spoke on behalf of the students of their departments. The photo show played by M Pharm sem III creates a lot of nostalgia amongst the Students. The function ended with a vote of thanks by Ms. Jyoti Galande. The highlight of the program was the announcement of Mr Rohit Kharade as BEST OUTGOING STUDENT by Principal, Dr A R Madgulkar. Ms Sharwari Naik sang a song.

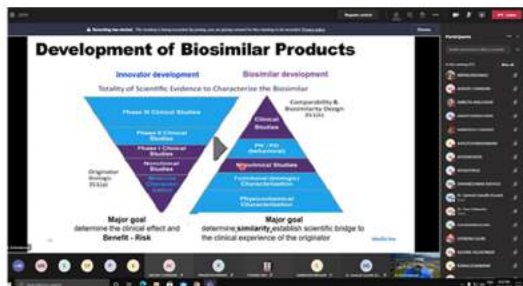


IIPC lecture on opportunities in insurance sector (Date - 23rd October 2020, Time - 06:00 pm)

As a part of Industry Institute Partnership Cell (IIPC) initiative to make students aware of various emerging opportunities in healthcare sector, a lecture on 'Opportunities in Medical Insurance Sector' by Mr. Manish Tripathi (Alumni and entrepreneur, Experience in medical insurance sector) was organised by Coordinators Dr M R Bhalekar and Mr Rahul Padalkar. The program was conducted by Ms Maitreyee Upadhye of T Y B Pharm. Mr Manish guided students about opportunities in medical insurance and planning the career. Many students like Ms. Bhairavi Bakhle and Mr Riddhesh Kharche asked questions to understand the field of insurance sector.



Audience: Teaching staff, students of M.Pharm. Sem-III and Final Year B.Pharm. Platform: Microsoft Teams Coordinators: Dr. Mrinalini Damle, Dr. S.V. Gandhi Session in brief: "Biosimilars and Beyond" Mr. Krishnakumar delivered an interesting session which started with comparison of generics and biosimilars. He explained Basic concepts and production flow, upstream and downstream processing. Diseases caused by gene mutations, Master cell banks in different locations, Cell and gene therapy, validation of transportation challenges etc. It was an informative and interesting session. Students interacted and asked queries.



National Level Webinar on "Fundamentals of Gas Chromatography" (Date - 29th October 2020, Time - 11:00am)

As a part of the silver jubilee celebration year of AISSMS College of Pharmacy, a National Level Webinar on "Fundamentals of Gas Chromatography" was organized in association with Toshvin Analytical Pvt. Ltd., Mumbai, on 29/10/2020. More than 300 students and staff registered of which 219 attended the online webinar on webex platform. Mr. R. Girijan, Product Consultant, simplified the concept and covered many aspects of Gas chromatography right from basics, instrumentation, sample handling to applications.



Second PTI (Parent Teacher Initiative) Activity of 2020-21 (Date - 24th October 2020, Time - 04:00 pm)

A guidance session by Mr. Krishnakumar, Head ESO, Biotechnology & Aseptic Operations India, Sandoz, Novartis Pharmaceuticals.



Rangoli Competition on "Eco Friendly Diwali" (Date - 12th -17th November, 2020)

As a part of silver jubilee (25th) celebration year of AISSMS College of Pharmacy, a Rangoli Competition on "Eco Friendly Diwali" was organized between 13th-17th November, 2020. Students from Bachelor of Pharmacy and Master of Pharmacy participated in the competition. Winners were given publicity on social media of college. Winners of Rangoli Competition on "Ecofriendly Diwali" organized by AISSMS College of Pharmacy, Pune between 13th-17th November 2020.



First Rank

Prajakta Mane

M. Pharm Second Year (Pharmaceutics)



Second Rank

Jidnayasa Jain

Second Year B. Pharm



Third Rank

Gautami Vijapure

Third Year B. Pharm



has organized a national level faculty development training on this important topic. The program was held on Friday, 27th November 2020. The resource persons were Mr. Ajay Bhagwat, Director, Inpods, India and Mr. Abhijeet Yeole, Vmedulife Software services. More than 300 teachers from different states of India attended the training. Inaugural session started with a welcome speech from the Principal, Dr. Ashwini Madgulkar. It was followed by information about the webinar by Dr. Mrinalini Damle, IQAC Co-ordinator. Dr. Raman Dang, Secretary, APTI, spoke about the role of teaching learning in quality education. Dr. Pravin Chaudhari, President APTI, guided on the importance of LMS in the future education system. Mr. Ajay Bhagwat, Director, Inpods, India enlightened on 'Advanced concepts of Outcome Based Education & CO-PO attainment computation'. Mr. Abhijeet Yeole, Executive from OBE team, Vmedulife Software services gave details on 'Quality of question paper based on revised Blooms Taxonomy.' The event was conducted online using the zoom platform.

APTI-LMS

A National faculty development training was organized by AISSMS College of Pharmacy in collaboration with Association of Pharmaceutical teachers of India (APTI). The title was 'Learning Management System for CO-PO Attainment'. Learning Management system is very important part of the teaching learning for accreditation process. IQAC of AISSMS College of pharmacy





National Level Elocution Competition (Date - 2nd December 2020, Time- 11:00 am)

This year we organized NATIONAL LEVEL ELOCUTION COMPETITION on the occasion of World Diabetes Day (14th November) and World AIDS Day (1st December). We organized this event in association with "Manavya", which is an organization catering to residential care and rehabilitation of HIV/AIDS affected and afflicted destitute, orphan children founded in 1997 by late Smt. Vijayatai Lawate, located in Pune. The competition was announced on different social media platforms on 9th December. The competition involved two rounds. The First round received entries from 40 participants across India. The theme for the first round was based on the topics related to World Diabetes Day (14th November) and the participants had to submit a 3 minutes video on any one of the below listed themes on the link provided by the Registration committee. The Themes were: 1. Diabetes a silent Killer. 2. Role of Pharmacist in creating effective awareness against Diabetes. 3. Discrepancies in the prevalence of Diabetes among different socioeconomic groups. The participants were screened by the College internal scientific committee of Dr.M.C.Damle, Dr.S.V.Bhandari and Mrs.A.N.Avalaskar and 14 participants were selected for the second round of Elocution. The topics for the second round were based on World AIDS Day and the theme was given on 1st of December 2020 viz., on AIDS Day. The Themes given were: 1. Challenges of HIV in Corona pandemic 2. Stigma of HIV-AIDS in community and Measures of its reduction. 3. Significance of World AIDS Day. 4. Role of holistic approach in combating HIV-AIDS. The Elocution Competition was conducted on 2nd December 2020 on our College ZOOM platform at 11 a.m. Chief Guest of the competition was Mr. Shirish Lawate, President Manavya and other team members of Manavya along with all the

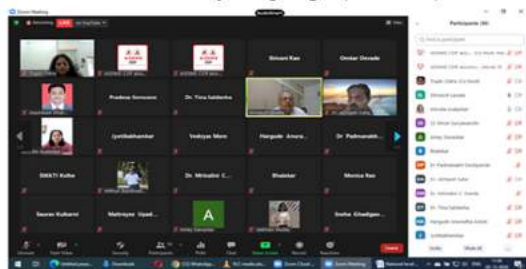
teaching staff of AISSMS COP.

The competition was evaluated by:

- 1) Dr. Abhijeet Safai (Symbiosis,Pune)
- 2) Dr. Ashwini Deshpande (Manavya)

Evaluation criteria for the competition were:

1. Following the time limit (5 marks)
2. Command over language (5 marks)
3. Contents of speech (10 marks)
4. Mannerism/ Body language (5 marks)



The three winners, declared on the basis of the results given by the evaluators were:

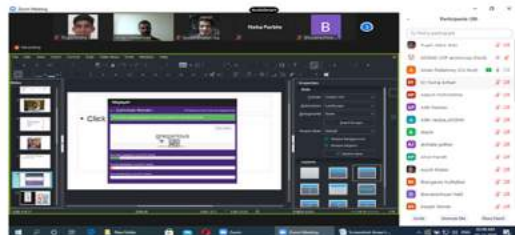
1. Maitryee Upadhey (AISSMSCOP)
 2. Jyotika Khamkar (Viva Inst.,Thane,Mumbai)
 3. Sneha Ghadigaonkar (Dr. D.Y.Patil COP, Akurdi)
- Cash prizes for the competition were: Rs. 3000/ (1st), Rs. 2000/ (second) and Rs. 1000 (Third). The National level competition was a great success as part of AISSMS College of Pharmacy' social responsibility. And we are thankful to the sturdy support of AISSMS Management and Principal Dr. Ashwini R. Madgulkar for overall guidance and all the committee members of this programme in conduct of the competition.





GUEST LECTURE - 1 (Date - 7th December 2020, Time - 02:00 pm)

Guest Lecture on GRE preparation was organized on 7th December at 2 p.m for Third Year B.Pharm students by Mr. Aman Padamsey (Alumni 2019 Batch). Mr.Aman Padmsey is currently pursuing his Phd in Germany in University of Tübingen.



Mr. Aman guided all T.Y. students who are interested in appearing for GRE on the following points: 1. Importance for students to take up a Baseline test to know their weakness and work on them, with stress on Self-study. 2. Various tricks like remembering Vocabulary through attaching emotions or pictures to words difficult to memorize. 3. He apprised the students of apps available like Ankidroid and also shared book names eg. You can have amazing memory by Dominic as well as book on writing well by William Zinsser. 4. All other areas of GRE like analytical skills, Quantitative abilities as well were covered using simpler tricks like simulating exam times and knowledge of German language for admission in German University.



Personality Development Workshop (Date - 7th -12th December 2020)

With the objectives to build self-confidence, enhance self-esteem and improve overall personality of the students, AISSMS College of Pharmacy, Pune organized a one week Personality Development Workshop in association with Mahindra Pride Classroom (MPC) Naandi Foundation between 7th -12th December 2020.



MPC Online "Employability Enhancement and Youth Livelihood Program" aims at grooming the participants through sensitizing them about proper behavior, socially and professionally, in formal and informal circumstances. One hundred and fifteen students from Final Yr Bachelor of Pharmacy and Final Yr Master of Pharmacy participated in an online workshop followed by mock interviews. The faculty members from various departments also participated in rotation. The activity was coordinated by staff of the Training and Placement Cell of the college.





PTI: Guidance session by Mr. Subhash Patil

An online guidance session was organised under PTI (Parent Teacher Initiative) titled "Pharmaceutical Industry Structure, Opportunities for Pharmacy Students" on Sunday 20th Dec, 2020 between 11 am to 12.30 pm. The teachers and students of TY B. Pharm. and M.Pharm attended the session.



Mr. Subhash Patil (father of Harshavardhan Patil, SY B. Pharm. Student), is currently DGM, Mylan Laboratories, Nasik and has more than 25 years experience in the pharmaceutical industry. Mr. Patil explained the scope for pharmacy graduates in various departments of pharmaceutical industry, skills required, roles and responsibilities of QA/QC / Production etc

GUEST LECTURE - 2 (Date - 24th December 2020, Time - 04:15 pm)

A Guest Lecture on GPAT preparation was organized on 24th December at 04:15pm for Second and Third Year B.Pharm students by Atharva Kulkarni, Alumnus of AISSMS COLLEGE OF PHARMACY (2016-2020 BATCH). Atharva passed his GPAT Examination in 2019-20 and has currently taken admission in ICT, Mumbai. He had Secured All India rank 18. Atharva discussed following points:

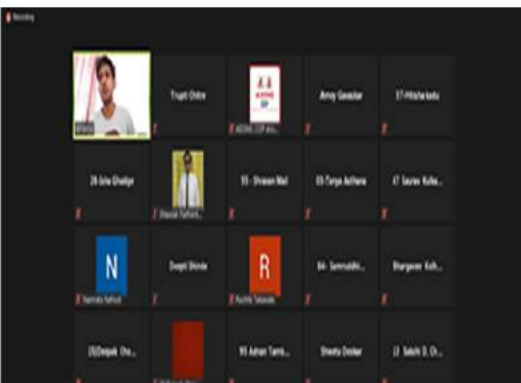
1.The marking system for GPAT and time management for solving the paper in time

- 2.Challenges to get correct answers as GPAT has negative scores
3. The need to check the website as the syllabus might change every year
- 4.Details about the subjects and Books to refer for the syllabus



5.The importance of making notes of the referred material

The total number of students who attended the lecture were 36 (Second year and Third year B.pharm). It was a very interactive lecture, with students asking their queries throughout during the discussion. In all, it was a wonderful session. Dr. M.C.Damle and Dr. Trupti S.Chitre coordinated the programme as a part of Guest Lecture Committee. Atharv Kulkarni speaking during the session





Entrepreneurship & Startup Webinars Organized By Incubation Cell Of Aissms Cop- December 2020

A series of webinars was organized in the month of December, 2020 as follows: 'Start up & Entrepreneurs Skill Development' by Mr. Ankit Kulkarni on Monday 14th December, 2020. There were 71 participants for this session.

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COLLEGE OF PHARMACY
IMPARTING EXCELLENCE IN EDUCATION & RESEARCH
Accredited by NAAC with 'A' Grade

The Incubation cell- Start Up Cell of AISSMS College of Pharmacy invites you to a webinar on

"A Talk on Start up & Entrepreneurs Skill Development"

Emminent Speaker

Mr. Ankit Kulkarni
E-Comm. Sales Entrepreneur
Regional B2C Manager at BabelBusiness

Regards
Dr. Ashwini R. Madgulkar
Principal, AISSMS College of Pharmacy

Date - 14th Dec 2020
Time - 05:00 pm
Platform - Zoom

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'Insights of Pharmaceutical Entrepreneurship' by Mr. Yogesh Babrekar, on Thursday 17th December 2020. There were 80 participants for this session.

AISSMS
COLLEGE OF PHARMACY
IMPARTING EXCELLENCE IN EDUCATION & RESEARCH
Accredited by NAAC with 'A' Grade

The Incubation cell- Start Up Cell of AISSMS College of Pharmacy invites you to a webinar on

"INSIGHTS OF PHARMACEUTICAL ENTREPRENEURSHIP"

Emminent Speaker

Mr. Yogesh Babrekar
Founder, Pharma Entrepreneurial Group, India, USA
Former, Pharma Entrepreneurial Group, India, USA
Former, Pharma Entrepreneurial Group, India, USA
Former, Pharma Entrepreneurial Group, India, USA
Former, Pharma Entrepreneurial Group, India, USA

Regards
Dr. Ashwini R. Madgulkar
Principal, AISSMS College of Pharmacy

Date - 17th Dec 2020
Time - 04:00 pm
Platform - Zoom

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'Idea Commercialisation /Marketing or Business Development' by Ms. Vaidehi Kulkarni Pendse on Monday 21st December 2020. There were 85 participants for this session.

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The Incubation Cell and Startup Cell of AISSMS College of Pharmacy

Invites You For a Webinar on

"Idea Commercialisation/Marketing or Business Development"

Speaker

Ms. Vaidehi Kulkarni Pendse
Founder of Rama Life
Science Pvt Ltd Pune

Regards
Dr. Ashwini R. Madgulkar
Principal, AISSMS College of Pharmacy, Pune

Date: 21st December 2020, Monday
Time: 05:00 pm
Platform: Zoom

'Embark beyond Pharmaceutical Entrepreneurship' by Mr. Rahul Chordia on Tuesday 22nd December 2020. There were 90 participants for this session.

AISSMS
COLLEGE OF PHARMACY
IMPARTING EXCELLENCE IN EDUCATION & RESEARCH
Accredited by NAAC with 'A' Grade

The Incubation cell- Start Up Cell of AISSMS College of Pharmacy invites you to a webinar on

"EMBARK BEYOND PHARMACEUTICAL ENTREPRENEURSHIP"

Emminent Speaker

Mr. Rahul Chordia
Managing Director, NeoMed Bioscience Pvt Ltd.
Director, Kothari Charitable Cancer Centre.
Alumnus of AISSMS COP (2001 Batch.)

Platform
Zoom

Date
22nd Dec 2020

Time
5:00 pm

Regards
Ashwini R. Madgulkar
Principal, AISSMS College of Pharmacy

AISSMS_COP



Coffee And Conversation

AISSMSCOP has a robust Alumni association and regularly organizes informal meetings of students with alumni at both national as well as international level. This enables the students to gain from the experience and serves as a platform to address their queries about career options.

Ms. Gauri S. Ingole

Topic

Guidance on various
MBA entrance and ICT
M.Tech Entrance Examination

Date

10/10/2020



Mr. Sagar Kullarwar

Topic

Guidance & knowledge
sharing for career options

Date

24/10/2020



Mr. Jinishkumar V Shah

Topic

Guidance and Knowledge
Sharing for Career Options

Date

28/11/2020



Mr. Rahul Chordia

Topic

Guidance and Knowledge
Sharing carrer Options

Date

21/12/2020

Students Participation

● Shounak Paithankar has participated in Shobhaben Pratapbhai Patel School of Pharmacy & Technology Management Quality by design (Problem solving competition) on 6th Sept 2020 and was selected as Runner up. He was guided by Mr Rahul Padalkar, Dr. Monica Rao and Jitendra Gajbe

● Anish Panwalkar has participated in Anveshan 2020 in Association of Indian Universities and received Third cash prize of Rs 25000/- at All India Level. He was guided by Mr Rahul Padalkar

● Prajakta Mane has participated in Rangoli competition organized by AISSMS College of Pharmacy, Pune Theme on eco friendly Diwali and received First prize on 13-17th Nov 2020

● Jidnyasa Jain has participated in Rangoli competition organized by AISSMS College of Pharmacy, Pune Theme on eco friendly Diwali and received Second prize on 13-17th Nov 2020

● Ayush Khater and Ms Kshitiya Abhang, students of TY B.Pharm has participated in National Level e-Poster Competition on "Transforming Global Health: Role of pharmacist" held on the occasion of World Pharmacist day on 25/9/2020 organized by Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad. They were guided by Mrs K.D Asgaonkar and Mrs S.M.Patil

● Pradeep Chavan has participated in a Poster competition organized by Anuradha College of Pharmacy, Chikhli, (Dist Buldana). He was guided by Dr Mangesh Bhalekar and has received Special appreciation on 19th June 2020

● Ayush Khater, Kshitiya Abhang, Bhairavi Bakhle attended the 1st Student research congress on 28th September 2020 organized by SVKM Dr. Bhanuben Navavati College of pharmacy in Association with University of Mumbai. They have received Second cash Prize of Rs. 3000/-

● Snehal Hankare has participated in E poster on Post Covid opportunities in pharmacy/ Role of pharmacist in management of Covid on 16th Dec 2020 organized by KBHSS Trust Institute of Pharmacy Nashik and she was guided by Dr Mithun Bandivadekar



Upcoming News (Jan-March 2021)

NATIONAL YOUTH DAY-Blood Stem Cells donation awareness and Thalassemia prevention awareness related activity. The programme will be conducted in association with Datri Foundation (NGO) and it will be coordinated by Dr. Trupti Chitre and Mr. Omkar Devde.

Students Achievement (Oct-Dec 2020)

- S.Y B. Pharm: Mr. Amey Gavaskar won 1st prize in Idea Manch, on 11th December 2020, wherein he elaborated his thoughts on transformation of Indian education system
- Final Y B Pharm: Mr. Ashutosh Mahamuni won 2nd runner up in Idea Munch: Oratory competition organized by AISSMS.org on 11th December, 2020.

Did You Know: something on environment??

Proper Disposal Of Covid Mask :

Wearing masks has been a global requirement to spread of covid-19 although they do have a drawback. Wearing masks is an effective way of preventing the spread of the infection and they could be disastrous for the environment, because the TNT they are made of takes between 400 and 450 years to break down. That's why health authorities the world over are concerned about this new type of environment Pollution

Mask And Their Impact On The Environmen:

In recent months, when the pandemic surged disposable masks that had not been disposed of correctly Have been turning up in cities around the world. In march, groups of environmentalist in Hong Kong raised the alarm when large numbers

of used masks started appearing on beaches. Environmentalist Have warned that this residue is a threat to human life marine life and wildlife habitats. Even more concerning is that in addition to pollution, this waste may increase the spread of the new corona virus Although alternatives are appearing, most people in the world are using masks made of TNT, which are practical and cheap, but which are not designed to be washed. Production has increased exponentially. For example, in Brazil alone, the Brazilian textile and garment association ha manufactured 13.5 million disposable masks after mobilising hundreds of companies. What's more, recycling plants have been forced to adopt strategies to protect workers responsible for collecting and sorting rubbish from becoming infected by masks that have been disposed of carelessly.

How To Dispose Of Mask Correctly:

The WHO recommends discarding them in the correct rubbish bin immediately after use and not reusing them. The material should be placed into two small plastic bags -one inside the other. Tie the bags firmly and throw them away with your general domestic waste. If the material have been in contact with an infected person, take extra care and write "risk of contamination" On the bag. Masks and other disposable material that are used to contain the pandemic, such as gloves, must not be disposed of in the recycling bin with packaging, cans, etc. Or with organic waste. Do not throw them away with your general household rubbish. The Brazilian sanitary and environmental engineering association has issued advice on the correct way to dispose of used masks and gloves

Use Of The Mask. Keys:

With more than 30 million confirmed cases and more than a million deaths caused by covid-19, this pandemic is a turning point for the human race. Routines and social interaction have changed around the world and the "new normal"



demands social distancing, frequent hand washing-either with hand sanitizer gel or with soap and water and mask wearing all for the same purpose- to prevent infection. Wearing protective masks, which have long been common in the far East, has become routine. In June, the WHO updated its recommendation to include masks wearing in public spaces. Since then, they have become mandatory in many cities of the world, sometime with fines imposed for breaching the rules. Today, many people think that their use will continue for health and hygiene reasons, even after covid is under control. Experts say that a good mask should cover your nose and mouth and allow the wearer to move naturally without opening the sides. The purpose is to stop saliva droplets from spreading in the air and contaminating other people's faces, lips, nose and eyes.

Fighting The Virus While Also Fighting The Pollution:

In 2020, compared to 2019, the number of face masks sold worldwide multiplied....207 times! [1]. Unfortunately, the number of used masks landing in nature grew proportionally. This happens because most of these objects are thrown away inadequately – meaning in open trash cans or simply, on the ground. This makes it possible for the very light masks to be taken by the wind and washed by the rain onto rivers, seas and oceans, explaining why used masks were found even on the shore of uninhabited islands. The used masks and gloves we see on the ground, in almost all communities, are harmful to the environment, but, first and foremost, for people. These items carry a higher risk of contamination with the coronavirus than other kinds of waste. The children who take part in the World's Largest Lesson, in Romania, learn the right way to discard used masks, gloves, antibacterial wipes and other pieces of equipment for personal protection. Tens of thousands of Romanian

children now know that these items are to be collected only in closed containers, to avoid the risk of contamination, for people and the risk of pollution, for the environment. Also, based on the educational materials distributed by UNICEF Romania, teachers guide their teams to create collective action plans. The children aim to raise awareness about the impact of inappropriately discarded EPP on the environment and persuade the members of their communities to collect them responsibly.

Scope of Pharmacy under Diagnostics:

Pharmaceutical Sciences is a profession that links health and chemical science, making sure, the safe and effective use of medicinal products. Over the past few decades there has been a trend for pharmacy practice to move away from its original focus on medicine supply towards a more inclusive focus on patient care. The role of the pharmacist has evolved from that of a compounder and supplier of pharmaceutical products towards that of a provider of services and information and ultimately that of a provider of patient care. In recent years, the role of pharmacists in diabetes care has expanded in countries throughout the world. Pharmacists are in a unique position to provide the services necessary to optimize treatment, facilitate education, and improve outcomes. In western countries, the doctor diagnosis the disease and pharmacist is the one who decides the medicine and its dosage. Where as in Indian Pharmacy practice setting Pharmacists work in following areas:

• Community (Retail) pharmacy (Medical store/Chemist and Druggist):

Role:

- 1) Managing inventory and storage of medicines and allied products
- 2) Prescription handling, checking for correctness, safety
- 3) Dispensing of medicine



- 4) Patient counseling, demonstration of medical devices
- 5) Maintaining patient Medication records
- 6) Health promotion, nutrition advice
- 7) Doing screening test (Blood pressure, blood sugar, Height-weight, peak flow, etc.)
- 8) Responding to symptoms and recommending medicines for simple ailments

• Clinical Pharmacy (In patient Care setting- both in hospital and community pharmacy):

Clinical pharmacy is the branch of pharmacy in which clinical pharmacists provide direct patient care that optimizes the use of medication and promotes health, wellness, and disease prevention.

- 1)ADR (Adverse Drug Reaction), Prevention, detection, monitoring.
- 2)Reducing drug interaction and drug related problem
- 3)Taking patient Medication history
- 4)Taking part in ward rounds along with doctors and nurses
- 5)Deciding/adjusting medication dosing for patients
- 6)Providing drug information
- 7)Public health, government sector and non-governmental organization

- Immunization programs: Administration and promotion of immunization
- Disaster preparedness and response, e.g., natural disaster: Education of public, planning of emergency response, surveillance of notifiable syndromic conditions, communication with public, provision of mass medications, etc
- Contraceptive services: Distribution of contraceptive measures and education about their use
- Prevention and control of disease and injury: Promotion of healthy lifestyles, reduce hospitalizations.

Essential Qualification:

Qualification for registration and practise of Pharmacy is Diploma in Pharmacy (D.Pharm)/ Doctor of Pharmacy (PharmD) / B.Pharm+Master of Pharmacy (M. Pharm) (Pharmacy Practice/Clinical Pharmacy).

Designation	Proposed Pay Scale/Grade pay
Pharmacist (Entry Grade)	Rs. 9300-34800 Grade pay Rs.4200/-
Pharmacist (after 02 years service)	Rs. 9300-34800 Grade pay Rs.4600/-
Chief Pharmacist	Rs.15600-39100 Grade pay Rs.5400/-
Officer-In-Charge (Pharmacy)	Rs.15600-39100 Grade pay Rs.6600/-
Special Executive Officer (Pharmacy)	Rs.15600-39100 Grade pay Rs.6600/-
Deputy Director (Pharmacy)	Rs.15600-39100 Grade pay Rs. 7600/-

Ref:

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A CAREER IN PHARMACY - PCI
www.pci.nic.in > Circulars > career



Scientific Content: Merck & Co.

Merck & Co., Inc. is an American multinational pharmaceutical company and one of the largest pharmaceutical companies in the world. The company ranked No. 78 in the 2018 Fortune 500 list of the largest United States corporations by total revenue.



MERCK

INVENTING FOR LIFE

Founded	1891; 129 years ago as a subsidiary of Merck (founded 1668) 1917 as an independent company
Founders	Theodore Weicker, George Merck
Headquarters	Kenilworth, New Jersey, United States Chairman, President & CEO : Kenneth C. Frazier,
Key people	Vice President & CFO : Robert M. Davis

The first Merck Manual was published in 1899. The Merck Manual went on to become one of the most widely used medical references.

1933: The Merck Research Laboratory was founded in Rahway, New Jersey. The laboratory represented Merck's initial foray into pharmacological research and included three separate divisions: Pure Research, the Merck Institute for Therapeutic Research and Applied Research.

1936: Vitamin B1 synthesized. The product had contributed to the reduction of vitamin B₁ deficiency (beriberi).

1940: Tuberculosis was historically a leading cause of death in the U.S. In 1943, Dr. Selman Waksman and Albert Schatz discovered streptomycin, the first effective treatment for the disease. Merck had supported Dr. Waksman's research lab and held the new drug's patent rights

1950: Cortisone first commercially synthesized. Dr. Lewis Sarett, a researcher at Merck Research Laboratory in Rahway, developed CORTONE (cortisone).

1953: Merck merged with Sharp & Dohme

1971: Merck began distributing a combined measles-mumps-rubella (M-M-R) vaccine that was developed by Drs. Maurice Hilleman and Eugene B. Buynak.

1977: First pneumonia vaccine was approved. PNEUMOVAX (pneumococcal vaccine polyvalent), Merck's pneumonia vaccine, was approved. Research and development of the vaccine was carried out under the direction of Dr. Maurice Hilleman.

1985: VASOTEC (enalapril), an angiotensin converting enzyme (ACE) inhibitor for treatment of high blood pressure and congestive heart failure, was approved by the FDA. VASOTEC became Merck's first billion-dollar product in 1988.

1986: Hepatitis B vaccine was approved by the FDA. Merck's recombinant hepatitis B vaccine, RECOMBIVAX HB [hepatitis b vaccine (recombinant)], was approved by the FDA, the first recombinant vaccine for human use.

2009: Merck and Schering-Plough merged

2019: Merck received FDA approval for ERVEBO® (Ebola Zaire Vaccine, Live) for the prevention of disease caused by Zaire ebolavirus in individuals 18 years of age and older. In November 2020, the company announced it would acquire Oncolmmune for \$425 million and its phase 3 candidate, CD24Fc, used in the treatment of patients with severe and critical COVID-19.

Products Range: Pharmaceuticals, generic drugs, over-the-counter drugs, vaccines, diagnostics, contact lenses, animal health.

Website: merck.com

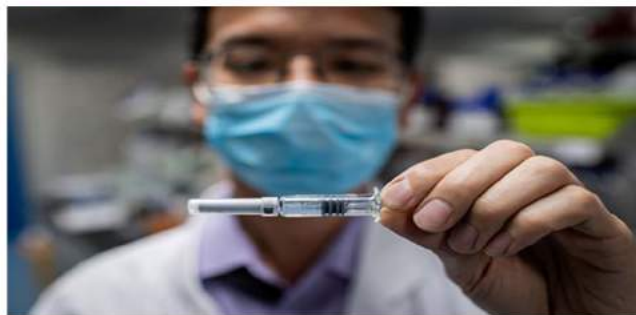
References:

<https://www.merck.com/company-overview/history/>

https://en.wikipedia.org/wiki/Merck_%26_Co



Theme



How vaccines work

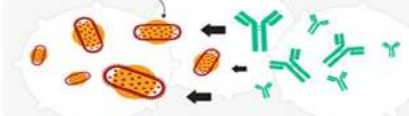
Weakened or dead disease bacteria introduced into the patient, often by injection



White blood cells triggered to produce antibodies to fight the disease



If patient encounters disease later, antibodies neutralise the invading cells



What's in a vaccine?

Learn more on immunology.org
www.immunology.org

Water

The main ingredient.



Active ingredient

A very small amount of a harmless form of the bacteria or virus you are immunising against.

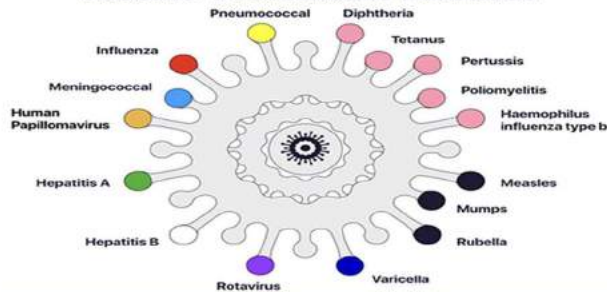
Adjuvants

Create a stronger immune response to the vaccine. Pose no significant risk to health in the very small quantities used.
Example: Aluminium, naturally found in drinking water at higher levels.

Residual traces of substances that have been used during vaccine manufacture, measured as parts per million or billion in the final vaccine.
Example: Formaldehyde, naturally found in human body.

Preservatives and stabilisers
Maintain vaccine quality, safe storage and prevent contamination.
Example: Sorbitol, naturally found in fruit in larger amounts.

Vaccine-Preventable Diseases



Stages of vaccine development

- 1 Virus analysis**
What causes the body's immune response to the virus infection?
- 2 A vaccine is developed**
Which components should go into the vaccine?
- 3 Animals trials**
Focus on effectiveness and tolerance
- 4 Human trials**
Vaccine is tested on volunteers over different stages
- 5 Approval**
EMA* or FDA* give go-ahead for vaccine
- 6 Mass production**
Vaccine is produced for general population

Source: vfa.de | *European Medicines Agency and US Food and Drug Administration

Vaccines train your body to fight germs faster.

