

### 5.1.2

## **Capacity building and skills enhancement activities taken by the institution**

**5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability**

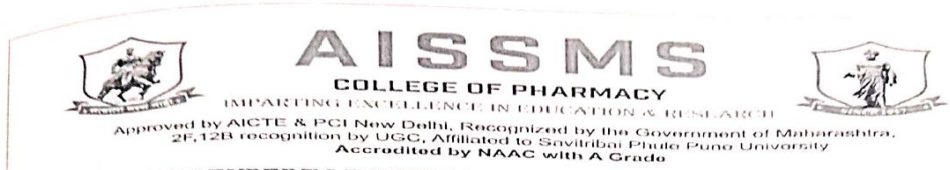
**1. ICT/computing skills/Awareness of trends in technology**

**INDEX- ICT/computing skills/Awareness of trends in technology**

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AY 2022-2023

Report of Guest lecture on 'Data Integrity'



REPORT ON EXPERT LECTURE/INTERACTIVE SESSION ORGANIZED

Activity/Event/Topic Name: - IIPC organised lecture on "Data Integrity" on occasion of National Science day, in collaboration with Institutional Innovation council AISSMS College of Pharmacy.

Start Day and Date: - 16/2/23 Time: - 3.00 PM

End Day and Date: - 16/2/23 Time: - 4.00PM.

Organized for (student class/staff): - M Pharm (Pharmaceutics and QA) students

No of Participants: 52 Students: Staff: 04

Details of Speaker(s)/Resource Person(s) (Name/Affiliation/Contact Details): -

Dr Vikram Gharge, V P formulation (Emcure Pharmaceuticals) and team

Coordinator Names: Dr M R Bhalekar, Dr Reshma Mirajkar

Expenditure Details (if any): Rs 1489/-

Description of Activity (Details, Attendance, Any other relevant information): The activity was organised by Dr Mangesh Bhalekar under IIPC activities with the help of Dr Reshma Mirajkar. The lecture included understanding of data integrity, its importance in company audits and related actions taken by FDA.

Outcome/Usefulness: students learnt the concept of data integrity, its usefulness how to maintain data integrity.

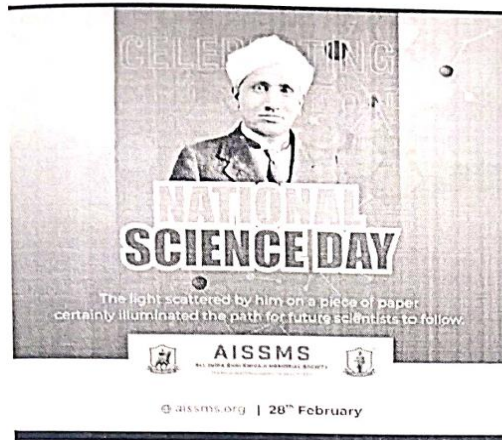
(Co-ordinator(s) Name and sign)

Dr Mangesh Bhalekar Ms Amruta Avalaskar

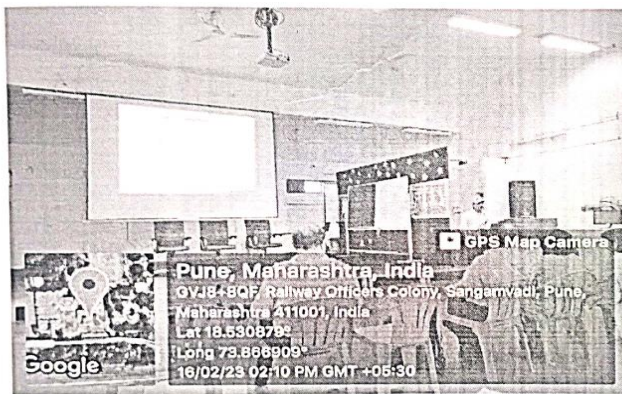
(Dr. Ashwini R. Madgulkar)

Principal  
AISSMS College of Pharmacy  
Pune-1





### Creative for National Science Day 2023



Dr Vikram Emcure delivering lecture on data integrity



Dr Vikram Emcure interacting with Principal Dr. Ashwini Madgulkar and staff of AISSMSCOP



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## Guest lecture on Cyber Security and Cyber crime



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### REPORT ON EXPERT LECTURE/DEMO/TRAINING/INTERACTIVE SESSION/WORKSHOP/SEMINAR/ACTIVITY ORGANIZED

Topic Name: - **CYBER SECURITY AND CYBER CRIME**

Day and Date: - 09<sup>th</sup> June 2022 (Thursday)

Time: - **10.30 AM – 12.00 Noon**

Organized for (student class/staff): - Students & Staff

No of Participants: **35 + 28 = 63**

Details of Speaker(s)/Resource Person(s) (Name/Affiliation/Contact Details): -

**DR. D. P. GAIKWAD**

Head of Department, AISSMS College of Engineering, Pune. Mobile No:9822609276

Coordinator Names: 1) Dr. Santosh Gandhi 2) Dr. Sachin Tembhurne

Expenditure Details (if any): NIL

**Description of Activity** (Details, Attendance, Any other relevant information):

The speaker discussed about various points related to 1) Cyber security issues and impact 2. Data loss and threats to organization due to cyber attacks 3) levels of security like software, hardware, network and firewall installation 2) Antivirus installation,

Also carried awareness about cyber crime. Discussed about blackmails, money threats and defaming issues. Cyber crime is punishable offence. College has its own social media guidelines and code of conduct on which regular awareness programs are conducted

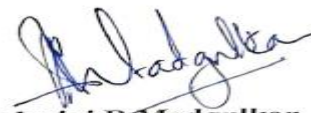
**Outcome/Usefulness:** Students, teaching and nonteaching Staff were made aware of cyber security and cyber crime to protect data integrity and threats of frauds

## Activity (Organized) Photographs:



Dr. Santosh Gandhi    Dr. Sachin Tembhurne  
(Co-ordinator(s) Name and sign)



  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**A.I.S.S.M.S. College of Pharmacy**  
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## HPTLC Lecture, Demonstration and Hands on Training Program



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### REPORT ON EXPERT LECTURE/DEMO/TRAINING/INTERACTIVE SESSION/WORKSHOP/SEMINAR/WEBINAR/ACTIVITY ORGANIZED

**Activity/Event/Topic Name:** - HPTLC Lecture, Demonstration and Hands on Training Program

**Day and Date:** - 01<sup>st</sup> June 2022

**Time:** - 10.00 AM to 3.00 PM (Full Day)

**Organized for (student class/staff):** - PQA Students of AISSMS College of Pharmacy

**No of Participants:** 13

**Students:** 13

**Staff:** NA

**Coordinator(s) Name:**

Dr. Santosh V. Gandhi, Professor, Dept. of Pharmaceutical Chemistry

**Expenditure Details (if any):** Nil

**Description of Activity (Details, Attendance, Any other relevant information):**

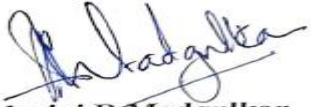
The expert lecture on High Performance Thin Layer Chromatography by Mr. Sandeep from Anchrom Enterprises (I) Pvt. Ltd., Mumbai was organized on 01/06/2022. He delivered details of HPTLC followed by Q&A session to solve queries by the students. This session followed by Demonstration and Hands on Training Program (One-day) on the HPTLC instrument in the instrument room. The students were taught about Dos and Donts as well as trouble shooting in case of any problems. Both Software as well as Hardware related training was provided which helped built the confidence in students for operations related to HPTLC Instrument. 13 students from Pharmaceutical Quality Assurance department attended session and hands on training.

Dr. Santosh V. Gandhi

(Co-ordinator)

**Activity Photographs:**



  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**AISSMS College of Pharmacy**  
**Pune-1**

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## Institution and Innovation Cell

**Event:** National Workshop on Design Thinking, Critical Thinking & Innovation Design.

**Start Day and Date:** 23/02/2022

**Time:** 3:30p.m.

**End Day and Date:** 23/02/2022

**Time:** 4:30p.m.

**Organized for:** All students of B.Pharm and M. Pharm and Staff members

**No of Participants:** 100

**Staff Members** :40

**Details of Speaker(s)/Resource Person(s) (Name/Affiliation/Contact Details): -**

An Online seminar by Dr. Shridhar Pandya, Founder, Gplife Healthcare Pvt. Ltd. was organized on Cisco WebEx.

**Coordinator Name:** Institution and Innovation Cell

**Description of Activity:**

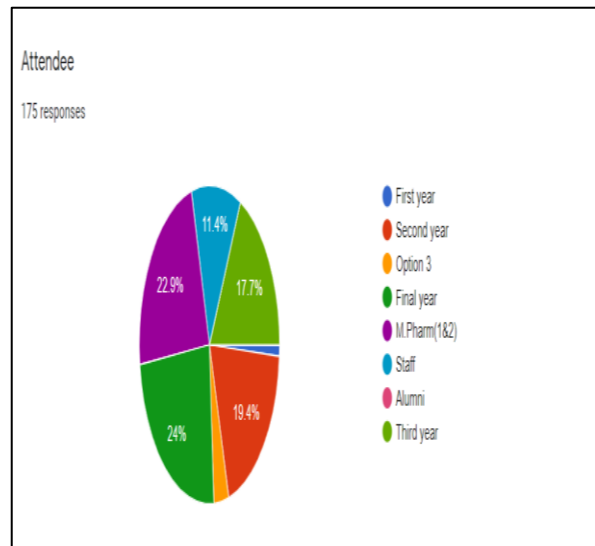
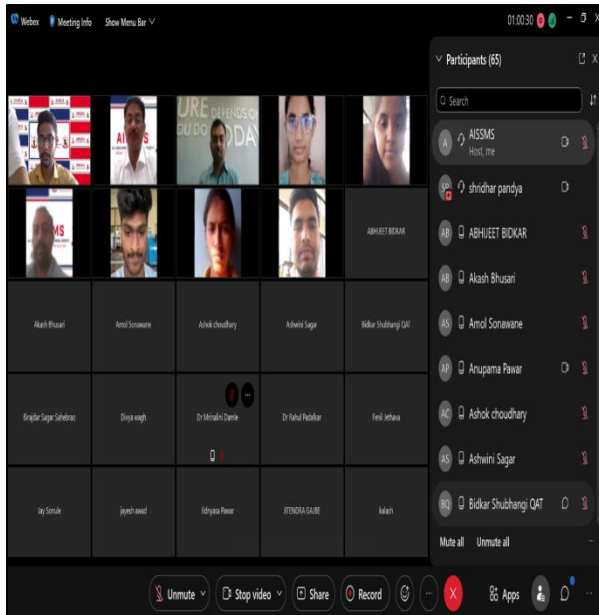
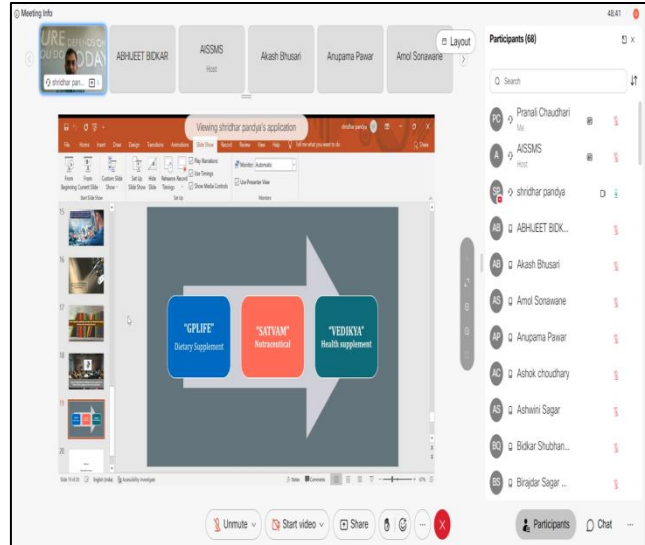
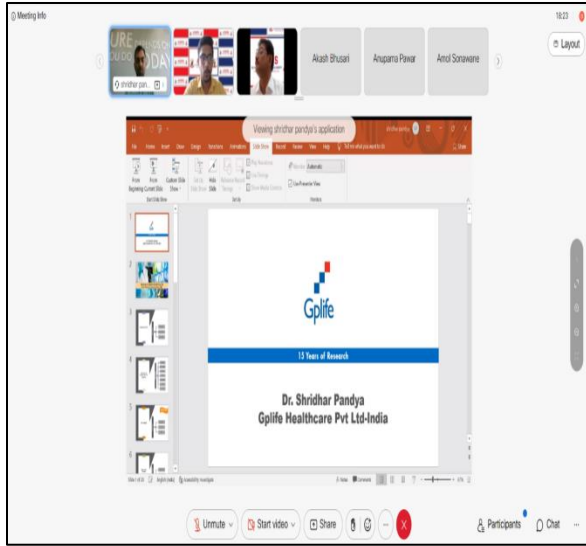
Dr. Shridhar Pandya, Founder, Gplife Healthcare Pvt. Ltd. He guided the students on the topic of Entrepreneurship

**Highlight of the Lecture:**

1. Research in Phytochemistry
2. Algorithm on AI through synergy effect.
3. Clinical Trial in various Areas
4. Animal Study and ethical Department
5. IPR rights
6. Systemic Designing of a plan

The explanation was in lucid language and was acknowledged by everyone.

**Outcomes:** Right from discussing Research in Phytochemistry to advising and motivating upcoming entrepreneurs, the session proved to be fruitful with all the students benefitting from it.



Dr. Shashikant V. Bhandari  
**IIC President**

Dr Mithun Bhandivadekar  
**IIC Convener**



*(Signature)*  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**AISSMS College of Pharmacy**  
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AY 2021-2022

Webinar on “Molecular Docking: In Silico Approach to Drug Design”



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**REPORT ON EXPERT LECTURE/DEMO/TRAINING/INTERACTIVE  
SESSION/WORKSHOP/SEMINAR/WEBINAR/ACTIVITY ORGANIZED**

**Activity/Event/Topic Name:** - Webinar on “Molecular Docking: In Silico Approach to Drug Design”

**Day and Date:** - Thursday, 20/04/2022

**Time:** - 10.30 AM to 12.30 PM

**Organized for (student class/staff):** - Faculty and Post graduate Students of AISSMS College of Pharmacy, Pune

**No of Participants:** 25

**Students:** 21

**Staff:** 04

**Details of Speaker(s)/Resource Person(s) (Name/Affiliation/Contact Details):** -

Miss Devika Benoy, Zastra Innovatons, Bangalore

**Coordinator Names:** Dr. Santosh V. Gandhi, Professor, Dept. of Pharmaceutical Chemistry

**Expenditure Details (if any):** Nil

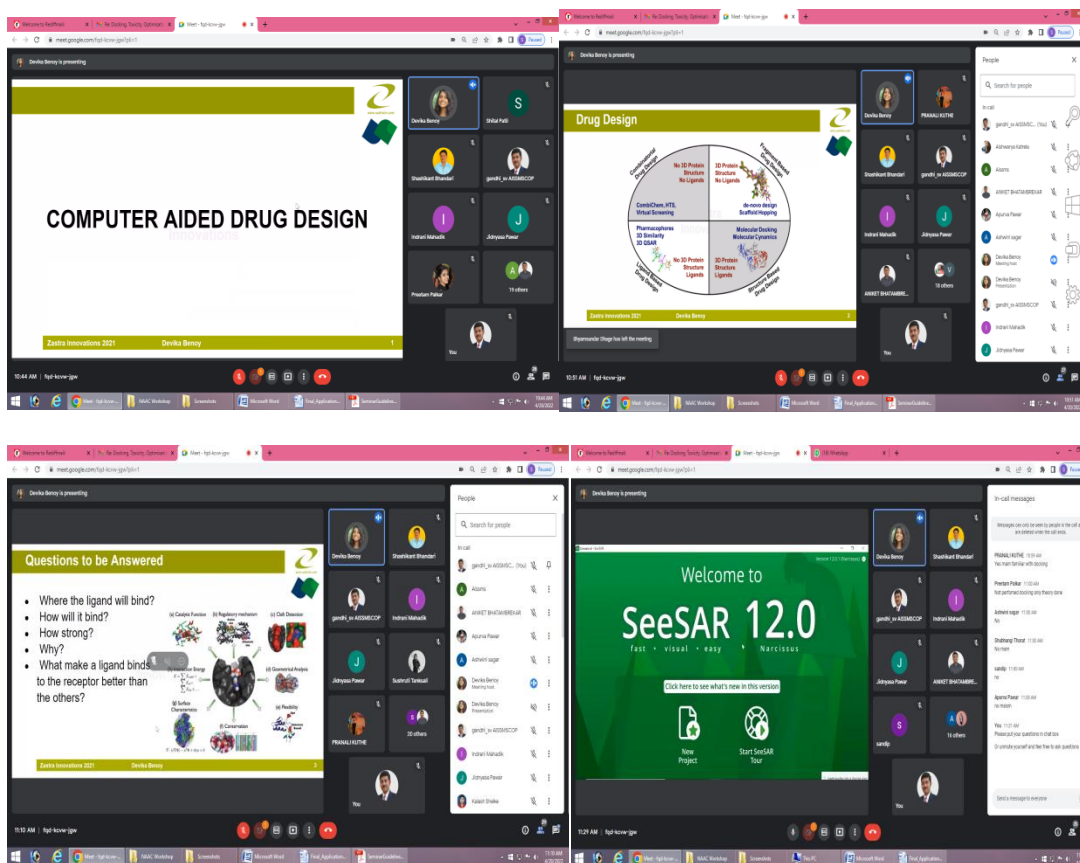
**Description of Activity (Details, Attendance, Any other relevant information):**

As a part of knowledge upgradation and exposure to advanced tools of Computer Aided Drug Design Webinar on “Molecular Docking: In Silico Approach to Drug Design” was organized in association with Zastra Innovatons, Bangalore on 20/04/2022. Around 25 students and staff attended the online webinar on zoom platform. Miss Devika Benoy, Application Scientist simplified the concept and covered many aspects of molecular docking and related software SeeSAR 12.0.

**Outcome/Usefulness:**

The webinar was really helpful in understanding basics concepts of Computer Aided Drug Design. Students from various departments benefitted with topic which is part of their syllabus as well as for faculty it provided many inputs helping them in better teaching-learning process.

## Activity (Organized) Photographs:



Dr. Santosh V. Gandhi  
(Co-ordinator)



  
Dr. Ashwini R. Madgulkar  
Principal  
A.S.S.M.S. College of Pharmacy  
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## HPTLC Lecture, Demonstration and Hands on Training Program



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### REPORT ON EXPERT LECTURE/DEMO/TRAINING/INTERACTIVE SESSION/WORKSHOP/SEMINAR/WEBINAR/ACTIVITY ORGANIZED

**Activity/Event/Topic Name:** - HPTLC Lecture, Demonstration and Hands on Training Program

**Day and Date:** - 17<sup>th</sup> November 2021

**Time:** - 10.00 AM to 5.00 PM (Full Day)

**Organized for (student class/staff):** - Students of AISSMS College of Pharmacy

**No of Participants:** 51

**Students:** 51 (UG-07, PG -44)

**Staff:** NA

**Coordinator(s) Name:**

Dr. Santosh V. Gandhi, Professor, Dept. of Pharmaceutical Chemistry


**Expenditure Details (if any):** Nil

**Description of Activity (Details, Attendance, Any other relevant information):**

The expert lecture on High Performance Thin Layer Chromatography by Application Scientist Mr. Amit Palande from Anchrom Enterprises (I) Pvt. Ltd., Mumbai was organized on 17/11/2021. He delivered details of HPTLC followed by Q&A session to solve queries by the students. This session followed by Demonstration and Hands on Training Program (One-day) on the HPTLC instrument in the instrument room. The students were taught about Dos and Donts as well as trouble shooting in case of any problems. Both Software as well as Hardware related training was provided which helped built the confidence in students for operations related to HPTLC Instrument. 43 students attended the lecture while total 51 students (UG-07, PG -44) underwent hands on training.

Dr. Santosh V. Gandhi  
(Co-ordinator)



  
Dr. Ashwini R. Madgulkar  
Principal  
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AY 2020-2021

**A guest lecture on 'Computer system Validation'**



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**REPORT ON EXPERT LECTURE/INTERACTIVE SESSION ORGANIZED**

Activity/Event/Topic Name: -Computer System Validation

Start Day and Date: 05/03/2021

Time: - 2 pm

End Day and Date: 05/03/2021

Time: - 3 pm

Organized for (student class/staff): - M Pharm and Final Year B Pharm

No of Participants: Students: 90 Staff: 21

Details of Speaker(s)/Resource Person(s) (Name/Affiliation/Contact Details): -

Mr. Vivekanand Sawarkar, Head QA, Strides Pharma Science Ltd

Coordinator Names: Dr M R Bhalekar, Mr Rahul Padalkar


**Expenditure Details** (if any):


**Description of Activity** (Details, Attendance, Any other relevant information):

The session started with introduction of Mr Sawarkar by Dr. M R Bhalekar. He also explained the context and need of this session. Mr Sawarkar in his speech explored various aspects of computer system validation. He talked about the concept, importance and career opportunities in the subject of discussion. Students and staff interacted with Mr. Sawarkar through various questions. The session was concluded with vote of thanks by Mr. Rahul Padalkar.

**Outcome/Usefulness:**

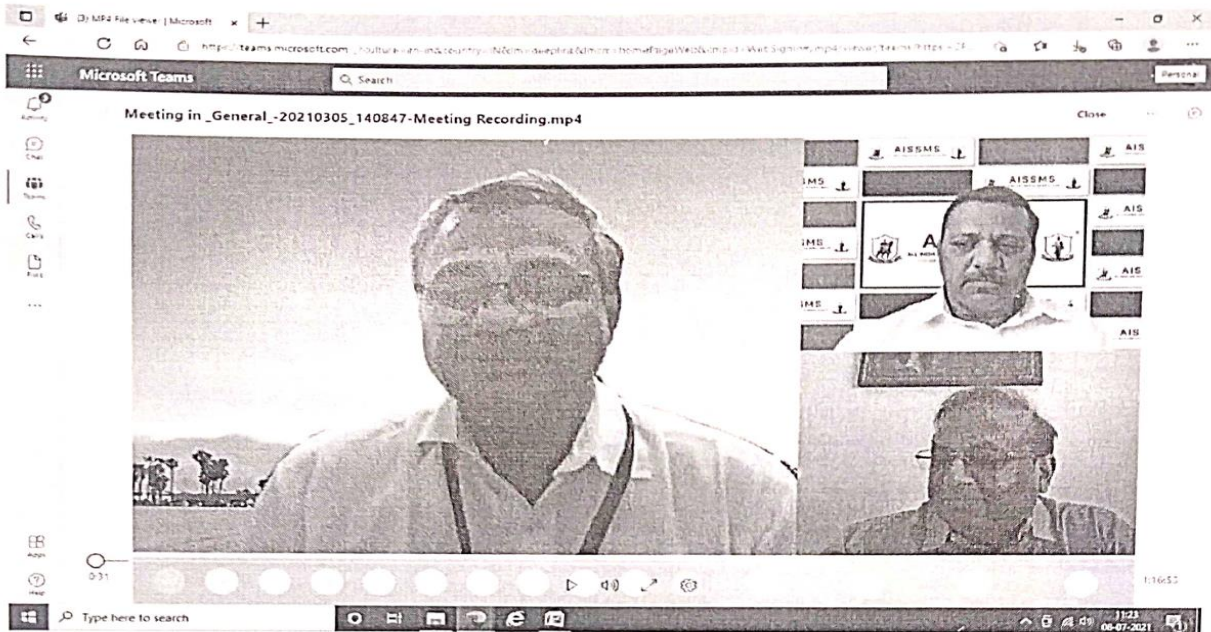
The program was organized by IIPC to give an insight of computer system validation to the students. The session was useful for them to understand the concept and career opportunities in the area.


  
(Dr. Ashwini R. Madgulkar)

   
Dr Mangesh Bhalekar Mr Rahul Padalkar

(Co-ordinator(s) Name and sign)

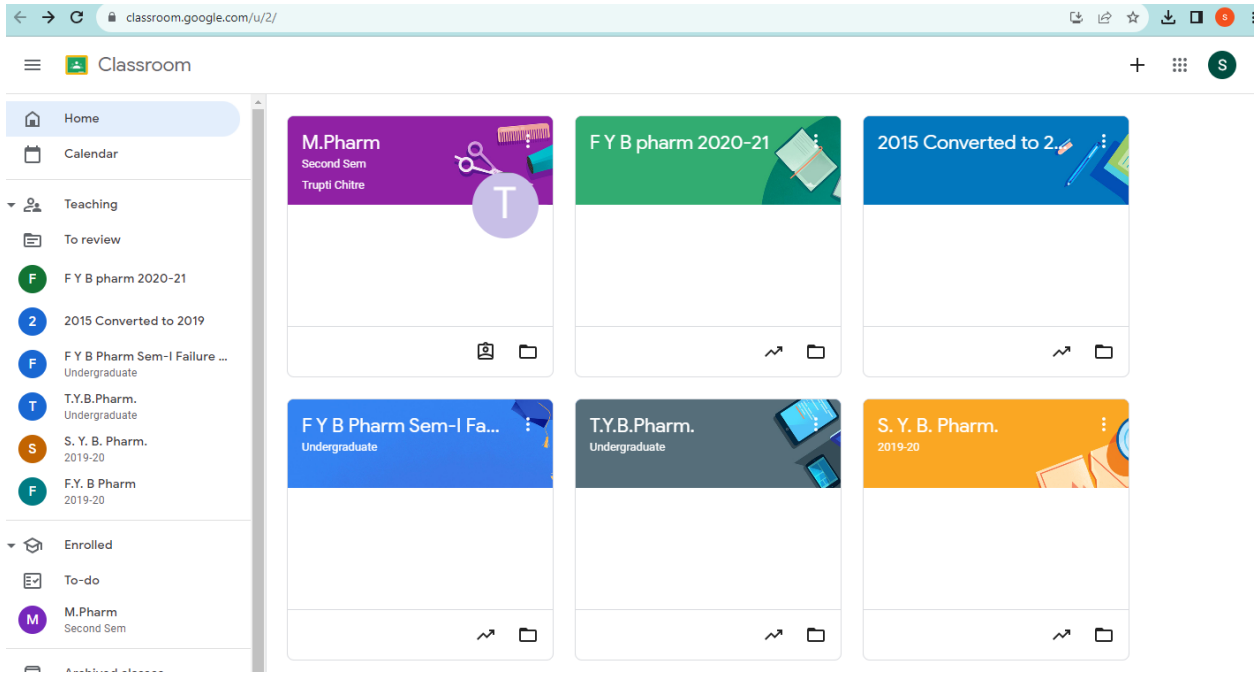





  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**AISSMS College of Pharmacy**  
**Pune-1**

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## Screenshot of Google classroom



  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**AISSMS College of Pharmacy**  
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AY 2019-2020

## Central Instrumentation Facility Visit



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### Report on Central Instrumentation Facility Visit at SPPU (2019-20)

Students of M. Pharmacy (Sem I) visited Central Instrumentation Facility Center at Savitribai Phule Pune University on 11/10/2019. The students were accompanied by faculty Dr. M. C. Damle and Dr. S. V. Gandhi. The visit was arranged for demonstration of the highly sophisticated instruments which are part of their theoretical syllabus of Modern Pharmaceutical Analytical Techniques. The demonstration of instruments like GC-MS, LC-MS, Single Crystal XRD, FE-SEM and NMR-500 MHZ. The demonstrative explanation was provided by Mrs. Archana Patil and Mr. Umesh Kasabe from CIF center. Total no of students visited were 36.



We are thankful to Principal, Dr. Ashwini R. Madgulkar and Management of AISSMS for giving us opportunity to visit Central Instrumentation Facility Center, which was very informative and useful for students as well as faculty.

Dr. S. V. Gandhi and Dr. M. C. Damle (Co-ordinators)

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## Training report of Advances in HPTLC

Certificate received for one-day training on 03/01/2020 at the hands of Application Specialist Mr. Pratik Sinalkar from Anchrom Enterprises (I) Pvt. Ltd., Mumbai

Organized by: Dr. Santosh V. Gandhi, Professor, AISSMS College of Pharmacy, Pune

SR.NO	NAME OF STUDENT
	<b>QUALITY ASSURANCE TECHNIQUES</b>
1	Chandan Akshay Dilip
2	Jadhav Saurabh Radhaji
3	Jadhav Shraddha Samadhan
4	Khatik Vikas Harichandra
5	Pardeshi Roshani Ramesh
6	Pokharkar Mrunmayi Deepak
7	Punde Yogesh Shabsikant
8	Rathod Dnyaneshwar Sanjay
9	Shinde Omkar Anil
10	Shinde Smruti Chandrakant
11	Supe Dipak Ramdas
12	Suryawanshi Mayuri Himmat
13	Swami Sandeep Bandayya
14	Temgire Shriram Sukhdeo
	<b>PHARMACEUTICS</b>
15	Ahire Shweta Sanjay
16	Chavan Pradip Suresh
17	Gawade Snehanvit Surendra
18	Mane Prajakta Popat
19	More Mrunal Tukaram
20	Paul Gajanan Balaji
21	Poul Sushant Sonerao
22	Sapate Sharwari Alhad
23	Shaikh Rukhsar Mohmmed Yousuf
24	Sonawane Ashwini Sanjay

	<b>PHARMACOLOGY</b>
25	Chaskar Anirudha Avinash
26	Gundecha Gautam Sanjay
27	Kolse Pooja Balasaheb
28	Patil Kamlesh Bhatu
29	Pingle Payal Dattatray
30	Salve Snehal Raosaheb
31	Shirurkar Shweta Vyanktesh
32	Tambe Pratima Sudhir
	<b>PHARMACEUTICAL CHEMISTRY</b>
33	Pathak Vrushali Pradip
34	Raut Vaibhav Vishnu
35	Suryawanshi Shruti Sujit

**Dr. Santosh V. Gandhi**




*Ashwini R. Madgulkar*  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**AISSMS College of Pharmacy**  
**Pune-1**


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## Screen shot of Google classroom

The screenshot shows a Google Classroom interface for a class titled "F.Y. B Pharm 2019-20". The browser address bar shows the URL: [classroom.google.com/u/2/c/OTI4NjI4NDUwMDVa](https://classroom.google.com/u/2/c/OTI4NjI4NDUwMDVa). The left sidebar contains navigation options: Home, Calendar, Teaching (with sub-items: To review, F.Y. B pharm 2020-21, 2015 Converted to 2019, F.Y. B Pharm Sem-I Failure..., T.Y.B.Pharm., S. Y. B. Pharm., and the selected F.Y. B Pharm 2019-20), Enrolled (with sub-items: To-do, M.Pharm Second Sem), Archived classes, and Settings. The main content area has tabs for Stream, Classwork, People, and Grades. The Stream tab is active, displaying a header banner for "F.Y. B Pharm 2019-20" with a "Customize" button. Below the banner, the class code is "buovkbn". A post by "Sameer Bhavsar" dated "Oct 19, 2020" is visible, titled "Astella Pharmaceuticals" and attributed to "By: Samir Bhavsar And Rushabh Kothari". A PDF document titled "Astella Pharmaceuticals.pdf" is attached to the post. An "Upcoming" section indicates "No work due soon". At the bottom of the stream, there is a text input field for "Add class comment...".



**Dr. Ashwini R. Madgulkar**  
Principal  
AISSMS College of Pharmacy  
Pune-1



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AY 2018-2019

AISSMS College of Pharmacy  
Kennedy road, near RTO, Pune-411001

### Guest Lecture on “Cyber Crime and Security”

The evolution of Information Technology gave birth to the cyber space where in internet provides equal opportunities for all the people to access any information. Due to increase in the number of users of internet, misuse of technology is increasing which leads to cyber-crimes. The cyber-crimes are basically undertook by people in the age group from 13 to 25 years who all are well educated. Considering this issue, a guest lecture on cybercrime and security was organized on 26<sup>th</sup> March 2019 for the B.Pharm and M.Pharm First Year Students.



**Glimpses of Guest lecture of Mrs. Radhika Phadake**

The Speakers were Mrs. Radhika S. Phadake and Mr. Sagar Panmand. Mrs. Radhika S. Phadake is Senior Police Inspector and Mr. Sagar Panmand is Assistant Police Inspector at Cyber Police station, Pune. During guest lecture 60 students were presents.



**Glimpses of Guest lecture of Mr. Sagar Panmand**

In the guest lecture, speakers have discussed with students regarding the increasing in the rate of cybercrime by using modern telecommunication. They discussed about the offences that

are committed against individuals or groups of individuals with a criminal motive to intentionally harm the reputation of the victim or cause physical or mental harm to the victim directly or indirectly, using modern telecommunication networks such as Internet (Chat rooms, emails, notice boards and groups) and mobile phones (SMS/MMS).

According to them Cybercrime, especially through the Internet, has grown in importance as the computer has become central to commerce, entertainment, and government.

They have conclude the session by giving live examples of the Cyber Crime Investigations under the heads Hacking, Child Pornography, Cyber Stalking, Virus Dissemination, Software Piracy, Credit Card Fraud, Phishing etc.



**Group photo of Speakers and ITC team and with Principal Dr. Ashwini Madgulkar**


### **Information Technology Cell**

Dr. Sachin V. Tembhurne

Dr. Santosh V. Gandhi

Mr. Ajay Kolambe



  
**Dr. Ashwini R. Madgulkar**  
**Principal**  
**A.S.S.M.S. College of Pharmacy**  
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