

## Vision :

- To be amongst the top ten Pharmacy Colleges in India by imparting excellence in Pharmacy education.
- Instilling research temperament in Pharmacy student.
- Continuous upgradation of infrastructure to maintain high standards of education.

## Mission :

- Inculcating timeless values of caliber, confidence and conscience in budding pharmacists.
- Indoctrinate 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 them better technocrat but also a better human being.

## Objectives :

- To provide sufficient understanding of scientific principles and techniques of pharmaceutical sciences.
- To develop 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.

### For Contact :

**Phone :** +91-20-26058204 | **Fax :** +91-20-26058208

**Email :** contact @aiissmscop.com

**Web :** www.aiissmscop.com

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# Editorial:

Goodbye to the rains, welcome to the winter, celebrations of Diwali and the anticipation of the upcoming examinations! Like always, this time of the year was filled with a mixed sense of apprehension, excitement and happiness without losing the focus from central academics. While students scurried in their laboratories with an intention of accurate results, the extracurricular activities kept their spirit going.

This issue of Pharmavoice, as expected, is just as full of dynamism, energy and a promised chunk of information. Beginning with the important news of AISSMS COP, surfing across recent breakthroughs in the fungi communication, we eventually hope to explore how pharmacists can smoothly enter the field of food inspection.

With an informative conclusion of World Polio Day and world's esteemed biotech company 'Amgen' we would look forward to the next Pharmavoice issue being equally knowledge filled and interesting.

Well, till then, enjoy this piece!

Keep Reading!  
Team Pharmavoice

**“We are all born with a divine fire in us. Our efforts should be to give wings to this fire and fill the world with the glow of its goodness.”**

**- APJ Abdul Kalam**



## News and Events

### PTI Parent Teacher Initiative session titled “Entrepreneurship: Opportunities and Challenges”.

Date: 10<sup>th</sup> Oct 2022

Time: 11:30 am to 1:00 pm

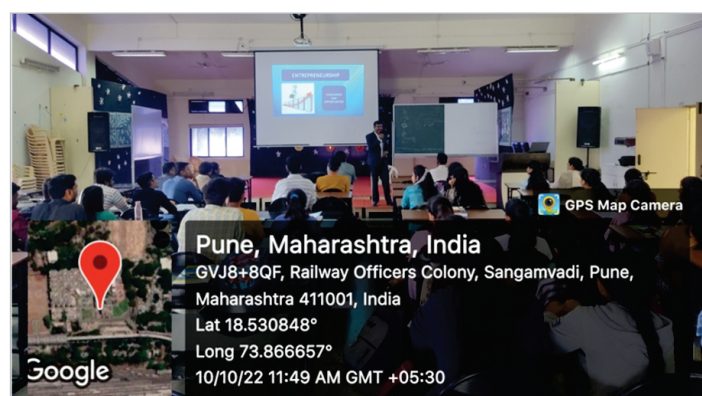
Audience/Attended by: Participants -46

(Girl -29 | Boys -13 | Staff -4)

Organized by: IQAC

Detailed Description of Activity Attended:

Dinesh Balasaheb Tarate is the Founder Director Of Kryptosis Pharma . He explained Strategic Planning of own goals and of the team to match corporate goals, short term and long-term budget and development business plan for the achievement of these goals. He also discussed Business planning and analysis for assessment of revenue potential in business opportunities and Identifying business opportunities through market surveys and mapping as per targeted plans.



### Training program on high pressure homogenizer

Date: 31<sup>st</sup> Oct 2022

Time: 11:00 am to 12:00 pm

Audience/Attended by: M.Pharm Pharmaceutics Students sem III

Organized by: Dr. Mangesh Bhalekar

Training by: Expert Engineer Mr. Anupam Giri

Description: The training was organized to make students aware of the correct handling procedure from service engineer Mr. Mukesh Mahajan of Inkarp Instruments Pvt Ltd. Ten students participated in the training and their queries were resolved by Mr. Mukesh Mahajan.





## National Level Elocution Competition to Commemorate 75 years of Pharmacy Act. (Activity of Dept of Pharmaceutics in collaboration with Institutional Innovation Council)

**Date:** 21<sup>st</sup> Oct 2022 & 15<sup>th</sup> Nov 2022

**Time:** 10:30 am to 4:00 pm on 15<sup>th</sup> Nov 2022

**Audience/Attended by:** Dr. R. N. Mirajkar,

**Dr. R. R. Participants across India (14 shortlisted)**

**Organized by:** Department of Pharmaceutics

**Coordinators:** Ms. Shivani Rao and Ms. Tejaswini Jagtap

**Description:** As a part of annual activity of the Department of Pharmaceutics, it was decided to conduct an elocution competition which would also commemorate the completion of 75 years of Pharmacy Act. The Institutional Innovation Council also joined to conduct the activity. The competition was held in two phases, first the candidates were asked to upload their videos on the given topic of “Pharmacist: Present and Future”, which was screened by a committee of Dr. Reshma Mirajkar and Dr. Rahul Padalkar. The shortlisted candidates were called in person for final round on 15<sup>th</sup> Nov 2022.

The judges were Mr. Harshad Lunavat and Ms. Vaidehi Kulkarni Pendse, who are entrepreneurs and alumni of AISSMS COP. The aim of this competition was to encourage overall development of students, build confidence and to make them aware about new aspects in the role of Pharmacist. This activity also helped to bring about awareness about Pharmacy Act through the theme of elocution. Winners & Runner up for competition:

Category	Winner	Runner up
UG	Sanket Palwe	Krishna Purohit
PG	Shraddha Phalke	Gouri Ithape

All the participants were given participation certificates and consolation prizes. Winners & Runners up shared their experience about the competition.





## Celebration of Constitution Day of India

Date: 25<sup>th</sup> Nov 2022

Time: 11:25 pm

Audience/Attended by: Student and College Staff.

Organized by: AISSMS College of Pharmacy,  
Student Development Board

Dr. Mithun Bandivadikar, Mr. Pradeep Sonwane

Description: National Constitution Day was celebrated at AISSMS College of Pharmacy, Pune, on 25<sup>th</sup> Nov 2022 to commemorate the adoption of the Indian Constitution. To reiterate the values enshrined in the Constitution, the students, teaching and non teaching Staff & the Principal joined in the reading of the Preamble to the Constitution along with remembering & reading of Fundamental duties at 11:25 am in the college campus. The entire college reaffirmed its commitment to the Indian Constitution by taking the pledge.



**“Suffering is the essence of success!!!”**  
- APJ Abdul Kalam

## International FDP “OPPORTUNITIES IN PHARMACY AND RESEARCH”

Date: 28<sup>th</sup> Dec 2022, Wednesday

Time: 10:00 am- 4:00 pm

Audience/Attended by: Teachers (Faculty)

Organized by: Dr Mrinalini Damle, Dr. Trupti Chitre, Mrs. Megha Shah

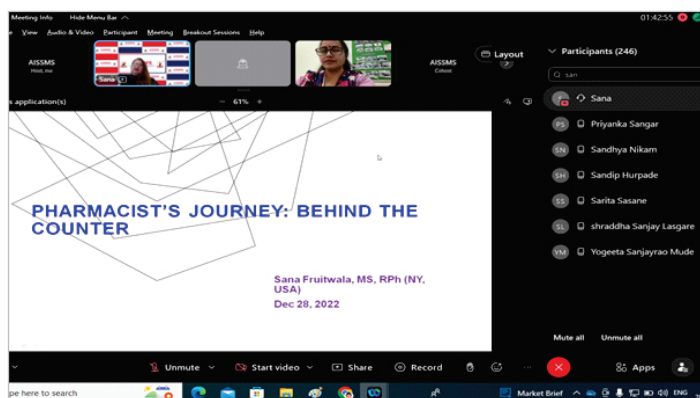
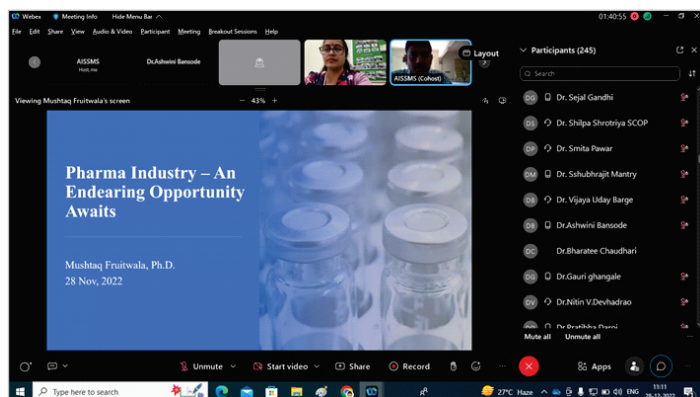
Total number of Registered Faculty: Female-423  
Male-281 | Total-704

Detailed Description of Activity Attended:

AISSMS College of Pharmacy, Pune had organized One Day International FDP on “OPPORTUNITIES IN PHARMACY AND RESEARCH ” on 28<sup>th</sup> Dec 2022. The FDP commenced with the welcome of speakers by Management, Principal Dr. Ashwini R. Madgulkar, IQAC Co-ordinator Dr. M. C. Damle, Webinar Coordinator Dr. Trupti S. Chitre & Mrs. Megha Shah of AISSMS College of Pharmacy, Pune.

Eminent speakers Dr. Mushtaq Fruitwala [Chief Scientific Officer & Vice President (R&D), Milla Pharmaceuticals, Inc, a division of alter Pharma, Belgium] highlighted on the topic “Pharma Industry: An Endearing Opportunities Awaits”. The second session of this program was conducted by Mrs. Sana Fruitwala [Registered Pharmacist, CVS Health, USA] talk on “Pharmacist Journey: Behind the counter”. In the third session Dr. Jyutika M. Rajwade [Scientist F, Agarkar Research Institute, Pune] delivered speech on the topic “Nanobiotechnology with reference to use of metals and their formulation”. The last session of the FDP was covered by Dr. Anil Purushottam Battase [Principal at Govindrao Nikam College of Pharmacy, Sawarde] on the subject “In vitro In vivo correlation” Lastly the Webinar was concluding with summarization of all topics and vote of thanks.

More than 700 enthusiastic teaching and research scholars from varied disciplines including Pharmacy, Allied sciences across India benefited from this webinar. It shed light on various research and opportunities in the Pharma Industry. Around 680 delegates from Maharashtra and 24 delegates from other states registered for the FDP.



## Students Achievements and Participation (Oct-Dec 2022)

1. Our Student Mr. Krishna Shevate M.Pharm (Pharmaceutical Chemistry) was awarded a Runner up award for oral presentation competition conducted by Shri Vishweshwar Shikshan Prasarak Mandal's Shrivlingeshwar College of Pharmacy, SRTM, Nanded University and sponsored by APTI at Vishwa Pharma 2022- 8th National level Technical paper and Model presentation held on 1/10/2022. He presented a paper on In Silico studies of thiazolidinone-caffeic acid-Indole hybrids for dual action as antidiabetic and antihypertensive activity under the guidance of Mrs. K. D. Asgaonkar and Mrs. S. M. Patil.



2. Shital Patil under the guidance of Dr. Shashikant Bhandari presented her research work in oral presentation (PhD Category) at the 3<sup>rd</sup> Student research congress 2022 organized by Dr. Bhanuben Nanavati college of pharmacy co-hosted by University of Mumbai on 28<sup>th</sup> September 2022.

3. Varsha Patil, Vrushali Randive, Indrani Mahadik and Shital Patil, presented their research in a poster presentation (PG/PhD Category) at the 3<sup>rd</sup> Student research congress 2022 organized by Dr. Bhanuben Nanavati college of pharmacy co-hosted by University of Mumbai on 29<sup>th</sup> September 2022.

4. Krishna Shevate, Ashwini Sagar, Indrani Mahadik, Kalyani Asgaonkar and Shital Patil, presented their research in poster presentation (PG/PhD Category) at the 3<sup>rd</sup> Student research congress 2022 organized by Dr. Bhanuben Nanavati college of pharmacy co-hosted by University of Mumbai on 29<sup>th</sup> September 2022.

**“Man needs difficulties in life because they are necessary to enjoy success.”**  
- APJ Abdul Kalam

**“Be active! Take on responsibility! Work for the things you believe in. If you do not, you are surrendering your fate to others.”**  
- APJ Abdul Kalam


**“You have to dream before your dreams can come true.”**  
- APJ Abdul Kalam

**“Dream is not something that you see while sleeping, it is something that does not let you sleep.”**  
- APJ Abdul Kalam

**“For great men, religion is a way of making friends; small people make religion a fighting tool.”**  
- APJ Abdul Kalam



## News and Events (Oct-Dec 2022):




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Recognized by NMAC with 'A' Grade

### Congratulations

**Mr. Krishna Shevate**  
For Runner Up Award in  
Oral Presentation Competition



**8TH NATIONAL LEVEL  
TECHNICAL PAPER &  
MODEL PRESENTATION  
VISHWA PHARMA 2022**

Organised by  
Shriwasthwar College of Pharmacy, Lalur  
and  
Sponsored by SHTM University Nanded & APTI

**1st October 2022**

Guided By  
Mrs K. D. Agasarkar  
Mrs S. M. Patil

Regards  
Dr. Ashwini R. Madgulkar  
Principal

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Recognized by NMAC with 'A' Grade

### Heartiest Congratulations

**Ms. Darshani Gholap  
Mr. Atharva Suryawanshi**



For emerging as the winner of  
**MEDHA NATIONAL PHARMA  
QUIZ COMPETITION 2022**  
From **500 PARTICIPATING TEAMS**

*Your dedication and winning spirit are highly appreciated!*

Regards  
Mr. Jitendra Gajbe  
Coordinator  
Dr. Shashikant V. Bhandari  
Coordinator  
Dr. Ashwini R. Madgulkar  
Principal,  
AISSMS College of Pharmacy

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### Congratulations


To The Winners Of **YIN Kala Mahotsav**

- Siddhesh Dhotrikar (S.Y) - 1<sup>st</sup> Prize (Monoact)
- Siddhesh Dhotrikar, Mrunmayee Vanne, Samruddhi Galkwad and Shrutli Galkwad (S.Y) - 1<sup>st</sup> Prize (Skit)
- Divya Wagh (M.Pharm) - 1<sup>st</sup> Prize (Collage work)
- Sakshi Shinde (S.Y) - 2<sup>nd</sup> Prize (Elocution)
- Gargi Nikam (Final. Year) - 2<sup>nd</sup> Prize (Clay work)
- Pradnya Magdum (T.Y), Sakshi Shinde (S.Y) - 3<sup>rd</sup> Prize (Debate)

**COLLEGE OF PHARMACY - RUNNER-UP TROPHY**

Regards,  
Dr. Ashwini R. Madgulkar  
Principal

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Recognized by NMAC with 'A' Grade

### Heartiest Congratulations

**Amey Gavaskar  
Tanmaya Vyas  
Mohd F. Mujawar**



For winning the 3rd prize in  
**IPA NATIONAL QUIZ COMPETITION 2022**

Organized at Raghavendra Institute of Pharmaceutical Education and Research, Anantapur, Andhra Pradesh in Association with Anantapur IPA Local Branch.

*May you continue to bring laurels to the institute!*

Regards  
Mr. Jitendra Gajbe  
Coordinator  
IPA Quiz Competition  
Dr. Shashikant V. Bhandari  
Coordinator  
IPA Quiz Competition  
Dr. Ashwini R. Madgulkar  
Principal,  
AISSMS College of Pharmacy

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“Thinking is the capital, Enterprise is the way,  
Hard Work is the solution”  
- APJ Abdul Kalam

“Thinking should become your capital asset,  
no matter whatever ups and downs  
you come across in your life.”  
- APJ Abdul Kalam

## Upcoming News (Jan-Mar 2023):

1. Blood donation camp on 20<sup>th</sup> Jan 2023
2. Two days State Level QIP Workshop on, "Implementation of National Educational Policy 2020: Research and Development Cell" on 6<sup>th</sup> and 7<sup>th</sup> Feb 23
3. Personality Development Program for Final Year students during 31<sup>st</sup> Jan-3<sup>rd</sup> Feb 23
4. Spandan -the cultural event in the month of Feb 23
5. Alumni Meet in the month of Mar 23
6. First Year B. Pharm Orientation program
7. M.Pharm Orientation programme: 17<sup>th</sup> Jan 2023
8. Quality Improvement programme on 6<sup>th</sup> and 7<sup>th</sup> Feb 2023

## Did You Know: Communication in Fungi

A recent breakthrough in the field of communications amongst fungi has been made by esteemed scientists of Brazil and the United States that shed light on the electric impulses sent across structures that might act as a means of sending signals. The discovery could serve as the basis for the development of more effective therapies to combat fungal infections. By gaining a better understanding of mechanisms that underlie these communications, the therapies against serious fungal infections can be combated with expertise. "There was a hypothesis that cells in the same species could communicate via these structures, called extracellular vesicles. We showed, using different methodologies, that this occurs in three species," said Fausto Almeida, an author of the article. Almeida is a professor at the University of São Paulo's Ribeirão Preto Medical School (FMRP-USP) in Brazil. The study has even shown that the firing rate of these impulses increases when the hyphae of wood-digesting fungi come into contact with wooden blocks. This raises the possibility that fungi use this electrical "language" to share

information about food or injury with distant parts of themselves, or with hyphae-connected partners such as trees. Full article regarding the discovery has been published in mBio.

Sources: 1. <https://phys.org/news/2022-03-involved-pathogenic-fungi-treatments.html>

2. <https://www.theguardian.com/science/2022/apr/06/fungi-electrical-impulses-human-language-study>

## Scope of Pharmacy:

### Food Inspection

A career as a food inspector comes with the responsibility to ensure the food is healthy for human consumption. A food inspector inspects the food processing entities, manufacturing companies, restaurants, and dairy farms to collect samples for investigating the quality of food ingredients and preservatives being used in the food product to be sold in the market. A pharmacist already being educated in regulatory affairs to a certain extent has an upper hand in better grasping the job of a food inspector. A career as food inspector comes with the responsibility of inspecting live animals and carcasses at a slaughterhouse or examining food imports at a port for mislabeling or other food safety issues. Inspectors report violations to the appropriate regulatory agency and are responsible for ensuring that foods are suitable for human consumption.

The most popular exam conducted for the recruitment of food inspectors is the All India Food Inspector exam conducted by Union Service Public Service Commission. There will be designated examination centers in every district of each state.

Some popular institutes to study food science are:

1. Loyola College, Chennai
2. Mount Carmel College, Bangalore
3. MCV DAV College for women, Chandigarh

For further information, visit:

<https://www.careers360.com/careers/food-inspector>



## Scientific Content:

### AMGEN



Amgen is an investor in precision medicine startup GNS Healthcare.

In May 2018, MIT announced that Amgen was a member of its Machine Learning for Pharmaceutical Discovery and Synthesis Consortium. Amgen is also working with medical research machine learning startup Owkin. Apart from conducting clinical trials in India, Amgen also participates in conducting R&D operations, including research, pre-clinical development, data management support and statistical programming, by partnering with pharma and biotech companies in India, such as Dr. Reddys. Currently, Amgen is in talks with some of the leading pharma and biotech companies in India and China to form alliances and collaborations to undertake drug development and clinical trial operations in the Asian region.

Currently, Amgen India is situated at Mumbai, where employees from a pharmaceutical background add valuable participation in the conduct of operations.

Address: MUMBAI, Amgen Technology Private Limited, 10-01, 10th Floor, C Wing,. Nesco IT Park, Western Express Highway, Goregaon (E), Mumbai, Maharashtra 400 063

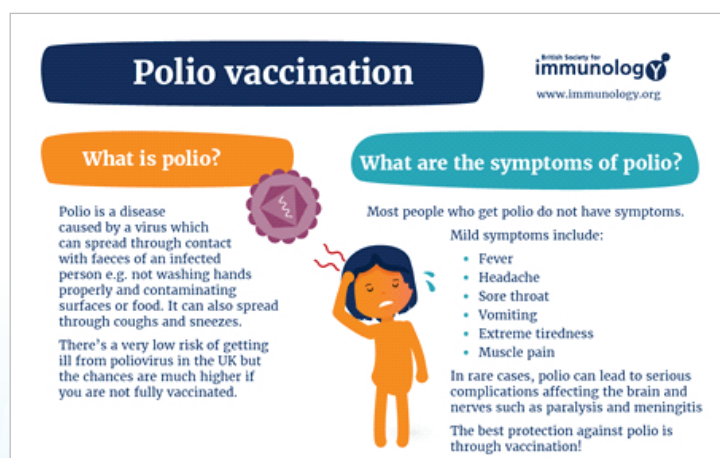
Website: <https://www.amgen.com/>

**“To succeed in life and achieve results, you must understand and master three mighty forces—desire, belief, and expectation.”**

**- APJ Abdul Kalam**

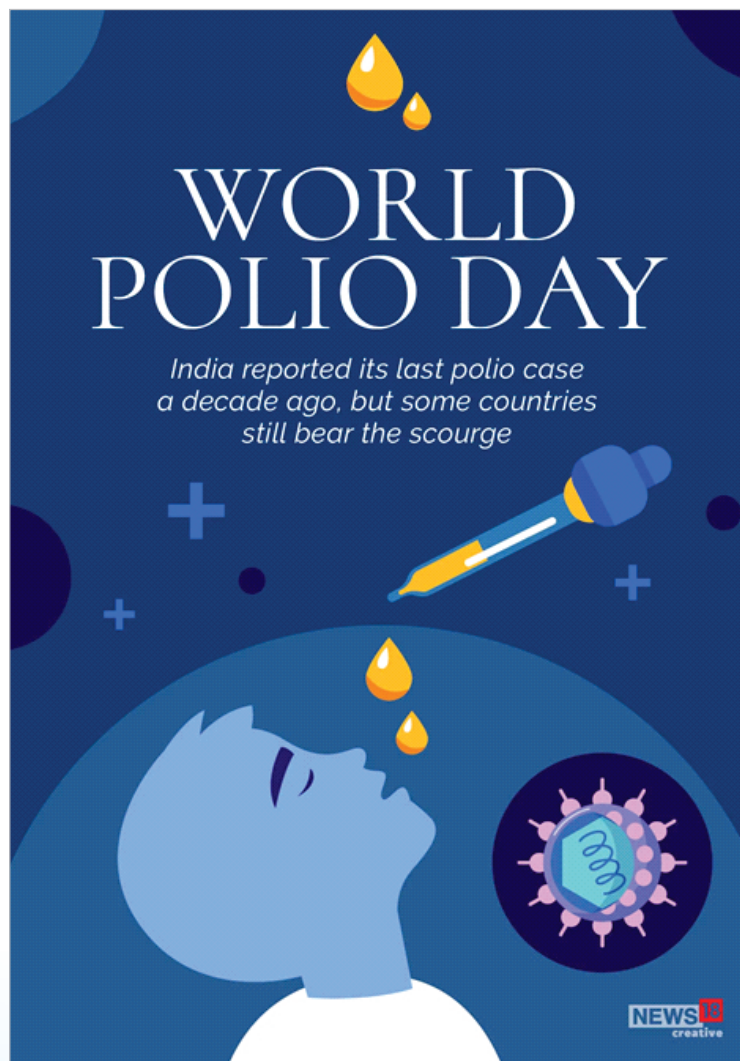
## Theme:

### World Polio Day



"I am not handsome but I can give my hand to someone who needs help...  
Because beauty is required in the heart not in the face...."  
- APJ Abdul Kalam





**“Once your mind stretches to a new level it never goes back to its original dimension”  
- APJ Abdul Kalam**

## Editorial Board:



**(Sitting from left to right)**

**Mrs. Tejaswini Jagtap** (Faculty member)

**Dr. Tina Saldanha** (Faculty member)

**Dr. Ashwini Madgulkar** (Principal)

**Mrs. Shivani Rao** (Faculty member)

**(Standing from left to right)**

**Mr. Sudarshan Galgunde** (M. Pharm)

**Ms. Purva Kalel** (Final Yr. B.Pharm)

**Mr. Prasad Kalekar** (Third Yr. B.Pharm)

**Ms. Prachi Divate** (Second Yr. B.Pharm)

**“Failure will never overtake you if your determination to succeed is strong enough”  
- APJ Abdul Kalam**