

## 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.

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## Editorial:

Ring out the old, ring in the new. 'AISSMSians' welcomes the new year with enthusiasm, hopes and resolutions. We plan to keep altering, innovating and challenging ourselves. The New Year gives us a chance to reflect on the things that we've accomplished, and look forward to the things we plan to do in the future. Let's walk through the exciting news and some crisp information which has been highlighted in this issue.

We hope that this year also turns out to be an eventful one, with a lot of promises and challenges. Enjoy yourself as you go through our newsletter.

Happy Reading !

“

**The difference between a successful person and others  
is not a lack of strength,  
not a lack of knowledge, but rather a lack in will."**

**- Vince Lombardi**

”



## News and Events

### 1. Seminar on Personality Development and menstrual hygiene

**Date:** 4<sup>th</sup> January 2024

**Time:** 10.00 am to 12.00 noon

**Audience/Attended by:** T.Y.B.Pharm, Fn. Y. B. Pharm, M.Pharm students and ladies staff

**Organized by:** Gender Champion Committee

**Anchors:** Harshita Raman (P & G Pvt. Ltd.)

#### Description

A seminar on gender sensitization and menstrual hygiene was held in AISSMS College of Pharmacy by Harshita Raman (Brand touch and analytics, Whisper). The session was held in the college auditorium. The speaker discussed feminism and highlighted topics such as how to build your confidence, in what way we should present ourselves during an interview and also about menstrual hygiene. Everyone wants a better personality. We are all born with our own set of strengths and weaknesses, and no magic formula works wonders for all of us. When we know who we are and why we act the way we do, we can begin to understand our inner selves, improve our personalities, and learn to get along with others. As a health professional we play a very important role in society which is the very reason why we need to develop our personality.



#### Outcome/Usefulness:

The participants were motivated and encouraged to nurture self belief, confidence, and to develop the skills to embrace changes.



### 2. Personality Development Workshop

**Date:** 15/01/2024 to 19/01/2024

**Time:** 9.00 am to 5.00 pm daily

**Audience/Attended by:** M-Pharm students

**Organized by:** Training & Placement Cell, AISSMS College of Pharmacy Pune, in collaboration with Rubicon Pvt. Ltd.

**Anchors:** Trainer Mr. Prashant Sonawane

#### Description:

A Personality development workshop was conducted from 15th to 19th January 2024 for M. Pharm students by professional Trainer Mr. Prashant Sonawane of Rubicon Pvt. Ltd for enhancing Employment skill.

The Entire program was Co-ordinated by Training & Placement Cell Members Dr. Monica. R P. Rao, Dr. Santosh.V.Gandhi, Mr. Jitendra W. Gajbe and Mr. Om Nagaras under the guidance of Principal Dr. Ashwini R. Madgulkar.



### 3. Tree plantation at AISSMS College of Pharmacy Campus

**Date:** 16/01/2024 (Tuesday)

**Time:** 3:00 to 4:30 pm

**Audience/Attended by:** The chief guests 1) Mrs. Archana Kalyani , 2) Mrs. Anushka Kajbaje, CERI (Conservation Education Research Institute) & AISSMSCOP-Alumni- Ms. Neha Sali & Mr. Shivam Jaiswal Tree plantation done in presence of Principal Dr.Ashwini Madgulkar, Chief guests, all departments HODs, teaching & Non-teaching staff, Eco-ranger Committee, NSS, APGA, Sports, Extension committee cell student incharge, members, AISSMS Society Security head Captain Yadav Sir.

**Organized by:** Environment club of AISSMS College of Pharmacy Pune.

### Description

As part of the Go- green and green campus initiative, AISSMS College of pharmacy has installed a composting unit & purchased 50 trees from Conservation Education Research Institute (CERI). This minimizes noise pollution, absorbs air pollutants like CO<sub>2</sub>, Carbon monoxide, SO<sub>2</sub> etc. Forty-five trees were planted on the playground of the college campus & 5 trees were planted in AISSMS COP medicinal garden.

**Total number of Students involved in the activity:** 110

### Detailed Description of Activity

Dr. Santosh Gandhi gave a speech to create awareness on Go green initiatives and the importance of tree plantation. Final year student Ms. Shravani Nighot coordinated the programme.

**Results:** Under AISSMS Go green initiative and Green campus initiative, Trees were planted which can reduce noise level as well as air pollutants.

**Photographs:** Tree plantation at AISSMS College of Pharmacy Campus.- 16/01/2024 (Tuesday)





## 4. National Service Scheme (NSS-2023-24) - Residential Camp

**Date:** 27/01/2024 TO 2/02/2024

**Time:** Residential camp for 7 days at Hivare Village, Purandar Taluka, District-Pune.

**Audience/Attended by:** NSS B.Pharm Students

**Organized by:** AISSMS College of Pharmacy, Pune

**Anchors:** NSS B.Pharm Students

### Description:

National Service Scheme (NSS) camp was organized by AISSMS College of Pharmacy in collaboration with AISSMS Institute of Management, funded by Savitribai Phule Pune University (SPPU) during the period of 27th January to 2nd February 2024 at Hivare Village, Purandar Taluka, District-Pune.

NSS was established in 1969 with a vision of personality development of students by motivating them towards social service as well as development of rural areas in India.

NSS Unit has been introduced in colleges with an optimism of establishing a sense of social responsibility amongst students and inculcating values of self-discipline and selfless dedication towards community development. The main motive of the NSS Special Camp is to experience and understand the ups and downs of village life and to assist the development and prosperity of the rural area.

As a part of NSS Activities, a 7 days camp was held by AISSMS College of Pharmacy at Hivare Village, Purandar Taluka, District-Pune. Various social activities were held with a sole view of rural development and value education. We, being a part of the cultural committee, undertook various cultural activities in the village to promote interaction with the villagers and used the NSS platform to spread awareness about different social issues.

**Date:** 27/01/2024

**THE OPENING CEREMONY (NSS - Residential Camp-2023-24)**



The inauguration program was conducted on the first day in order to formally mark the beginning of the Special Camp. Inauguration program started with lighting of the lamps by the hands of the dignitaries including the heads and activists of the village and welcoming of the guests. It was followed by the introduction of the chief guests and their felicitation. The vision, mission and the main purpose of the NSS camp was put forth by Dr. Rahul Padalkar, Program Officer for NSS Unit of AISSMS. The program proceeded with different speeches given by the guests present for the ceremony. The opening ceremony was concluded by a recital of Vidyapeeth Geet of SPPU.



### Opening ceremony of Special camp held at Hivare village.

### CLEANLINESS DRIVE (GRAM SWACHHATA) (NSS- Residential Camp -2023-24)

The cleanliness drive was conducted at the Mahadev temple near the village. The sole purpose of this activity is to contribute towards the cleanliness of the environment and the religious as well as historic monuments and to carve the importance of cleanliness and grounded life into the hearts of the students.



### Cleaning Drive at Hivare Village



### Games For Children (Limbu Chamcha & Talyat Malyat)

Date: 29/01/2024

### STREET PLAY TO SHOWCASE THE GLORY OF INDIA (NSS- Residential Camp -2023-24)

The street play was conducted in the evening at the Gram panchayat office. Our students rehearsed and performed a street play on the topic of "GLORY OF INDIA" with a view to spread a message amongst the citizens about the current development and position of India nationally and internationally.



The villagers responded with great enthusiasm. Our students also performed a patriotic song to show their love and respect for our nation. The program was successful in proving the spirit of the people living in rural areas and earned great response and appreciation from the people.



**Street Play on Glory of India**

**Date:** 30/01/2024

### HEALTH AWARENESS PROGRAMME (NSS - Residential Camp -2023-24)

A medical health check-up camp was set up in the village by the NSS students. This is one of the most important activities held by the NSS unit as it focuses on the welfare of the populace and provides essential healthcare services free of cost. In this health check-up drive, proper medical treatment of the people of Hivare and nearby area was done and remedial measures were provided, all free of cost, including the basic medicines required for an early recovery. The aim of the health camp was to create health awareness, provide health counseling and to provide healthcare services to the people, which might be unavailable generally.

A team of doctors from Purandar government hospital with their head Dr. Adsul conducted the camp which included General Physical examination, Blood Pressure check-up, BMI check-up, Blood Sugar check-up, Hemoglobin Check-up. Necessary medical advice and precautionary measures were given.

The students were given the task of taking down the details of the people who came for this health check-up and guide the people for the same. The people encouraged to do simple activities on a regular basis to get rid of the excessive body pain. Check-up was

performed on every patient. After that, they were sent to their respective doctors where they were appropriately given the right directions regarding their health. The doctors carefully listened to the problems that patients were facing and provided an appropriate solution to cure it. Majority of the people were suffering from chronic joint pain and high/low blood pressure.

The camp lasted for four hours, from 10am to 2pm. More than 80 people attended the camp.



### Health Awareness programme during NSS special camp at Hivare village

**Date:** 30/01/2024

### Ukhane Competition & Cooking Competition (NSS - Residential Camp -2023-24)





**Date:** 31/01/2024

### **RANGOLI COMPETITION (NSS - Residential Camp-2023-24)**

Our NSS students organized a rangoli competition for the ladies of the village with a motive of bringing out the art and skills of the housemakers and providing them with a perfect platform. The rangolis were made by the ladies in front of their houses and the evaluation was done by the students and staff of our college. The winner and runner-up prizes were declared in the closing ceremony.



### **Rangoli competition during Special camp of Hivare Village**

**Date:** 01/02/2024

### **TREE PLANTATION PROGRAMME (NSS - Residential Camp-2023-24)**

The tree plantation program is one of the most important activities in the NSS special camp as it focuses on the universal concern of environment conservation. Around 50 saplings were plotted by at the hands of Principal Dr. Ashwini Madgulkar, Program Officer Dr. Rahul Padalkar and Sarpanch Mrs. Bharti Gaikwad.



### **Tree Plantation at Hivare**

**Date:** 01/02/2024

### **HOME MINISTER EVENT (NSS-Residential Camp-2023-24)**

The final and most awaited event in the NSS special camp was conducted immediately after the closing ceremony by Mrs. Vidya Wable, Professor of AISSMS College Of Pharmacy. Home minister event gives a chance to the ladies of the village who work in the farms or are always stuck in the household work to get out of their usual routine to socialize and enthusiastically participate in this event. The home minister event was conducted in various rounds with different tasks or games and by elimination process the final round was conducted between the top two contestants. The winner was awarded with the beautiful Paithani saree and the runner-up with an exciting gift. This event bedazzled the final evening of the seven days NSS special camp bringing it to an unforgettable climax.



### **Home Minister Program**

**Date:** 01/02/2024

### **THE CLOSING CEREMONY (NSS - Residential Camp-2023-24)**

The closing ceremony of the special camp was held on 1/02/2024 at 6.30 PM. In this all the activities and events conducted during 7 days Special camp were summarized by Dr. Rahul R. Padalkar, Program officer of NSS Unit. Sarpanch of the Hivare village expressed his views and opinions regarding our NSS students and the activities which were carried out during the 7 days camp. The Sarpanch appreciated our NSS students and their discipline during 7 days of camp. The closing ceremony ended with the prize distribution of the various competitions held by the NSS unit during the tenure of the camp including drawing, handwriting and rangoli competitions. The closing ceremony officially marked the end of the NSS special camp.

## 5. Closing Ceremony of Residential Camp at Hivaregaon



## 6. Youth Day at Government School, Hivre

**Date:** 31/01/24

**Time:** 1.00 p.m.

**Organized for (student class/staff):** Girl Students of Government School, Hivre

**No of Participants:** 30

**Details of Speaker(s) :** Mrs. Janhavi Deokute and Mrs. Deepika Jagadale of Extension cell

**Expenditure Details:** Part of Urmi Project

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

Mrs. Janhavi Deokute and Mrs. Deepika Jagadale of Extension cell conducted a session for adolescent girls on "Menstrual Hygiene" at Government School, Hivre. About 30 girl students and 4 staff members were present. The Urmi project aims to promote menstrual hygiene through education. Our Teachers also explained diet as well as demonstrated the use of reusable sanitary napkins. These napkins were purchased by us from Seva Sahayog NGO as a part of the Women empowerment programme.

**Outcome/Usefulness:** Urmi Project was inculcated in girl students and also few reusable sanitary napkins were given to school for giving to underprivileged girl students.



**Mrs. Janhavi Deokute &  
Mrs. Deepika Jagdale along with  
NSS students at Youth Day Programme**

**“ Don't let yesterday take up  
too much of today”  
- Will Rogers**



## 7. National Pharmacy Week (NPW) PRIZE DISTRIBUTION

**Date:** 10<sup>th</sup> Feb 2024

**Time:** 6:00pm to 10:00pm

**Audience/Attended by:** Students and Teachers

**Organized by:** Indian Pharmaceutical Association, (Pune Branch) At DY Patil College Of Pharmacy, Akurdi.

**Anchor:** Dr. Babita Agarwal

### Description

AISSMS College of Pharmacy won the Overall Championship Trophy (UG Category) of National Pharmacy Week (NPW), Pune Branch. We are proud to announce that this is the 6th consecutive victory in this competition organized by the Indian Pharmaceutical Association Branch Pune. The NPW events were coordinated from our college by Mr. Jitendra Gajbe and Dr. Shashikant V Bhandari under the guidance of Dr. Ashwini R Madgulkar, Principal AISSMS College of Pharmacy.



## 8. Sports Week "RANANGAN 2023-24"

**Date:** 13<sup>th</sup> Feb -19<sup>th</sup> Feb, 24<sup>th</sup> Feb 2024

**Time:** 8.00 am. -6.00 pm.

**Audience/Attended by:** B.Pharm. & M.Pharm. students

**Organized by:** AISSMS college of Pharmacy.

**Sports committee:** Mr. P. P. Sonwane, Ms. N. S. Yadav, Ms. J.M.Deokute, and Mr. R. S. Manohar.

**Sports Secretary:** Mayur Kulkarni, Akanksha Mahadik

### Description of the sports Events:

Ranangan is the most awaited event of A.I.S.S.M.S College of Pharmacy. Students participated in various sports with enthusiasm and passion. It included both indoor as well as outdoor events. The indoor events were held on 13<sup>th</sup> to 15<sup>th</sup> February in the morning in the auditorium. Indoor events included carrom, chess, table tennis, & arm wrestling.

Final year took the lead in the indoor events by winning in all formats of carrom and chess in both boys and girls categories. Badminton was conducted on the Badminton court of COE on the 24<sup>th</sup> February. All the formats of badminton matches were conducted and students participated with great enthusiasm. M.Pharmacy students won the Badminton mixed doubles & Second year students secured the winner and runner up position in the Singles category for Girls.

Artistic events like handwriting, mehendi were held to bring up the artistic talent of students. Indoor group events like rangoli, flower arrangement, collage etc. were also held in the college premises.

To show the sportsmanship spirit on field, outdoor events were held on 14<sup>th</sup> FEB to 19<sup>th</sup> FEB 2024. Various Energetic events were conducted such as cricket, basketball, football, throwball, tug of war, kabaddi athletics etc.

Cricket is the most popular game for Ranangan. The trophy for cricket was won by Final year B. pharm boys and First Year B. Pharm. girls. The most interesting nail biting match of volleyball was won by the Girls and Boys of First Year. Basketball is a full court game that increases the enthusiasm and teamwork of students.

**"It always seems impossible until it's done"**

**- Nelson Mandela**



First year students showed their prowess by winning both the categories. There was definitely equal participation of girls in all the sports. The girls of S.Y.B.Pharm won Throwball by defeating all other classes. Third year students won Kabaddi.

Tug of war and football were two other events organized. The strong and muscular Third year Boys won the tug of war and Girls of Final year won the Football match in the last seconds of the match making it a “ complete thriller”. The unity and supportive attitude of the students was judged for the class event called collage making. Collage competition was conquered by Final yr and M. Pharm. All the events were organized by Final year sports secretaries and coordinators under the guidance and supervision of sports teacher incharge Mr. P. P. Sonwane and Sports committee member Ms. J. M.Deokute. Second year B. Pharm came out as a runner up for Ranangan. Every class performed well but there can be only one winner. The winner for Ranangan 2023-24 was Final year B. Pharm.



**“The expert in anything was once a beginner”**  
**- Helen Hayes**

**“Success is not in what you have,  
but who you are.”**  
**- Bo Bennett**





## 9. Guest lecture on “Study Abroad”

**Date:** 22<sup>nd</sup> Feb 2024

**Time:** 11:30 am -12:30pm

**Audience/Attended by:** Second Year B.Pharm. students

**Organized by:** Guest Lecture Committee (Dr. MC Damle, Dr TS Chitre, Ms Punam Magare, Ms. Ankita Ingale)

**Anchor:** CANAM Group- Ms. Shital Mare

### Description

Students were given detailed information on higher education opportunities abroad.



## 10. Alumni Meet

**Date:** 23<sup>rd</sup> February 2024

**Time:** 6:00 pm onwards

**Audience/Attended by:** 120 Alumni

**Organized by:** APGA

**Anchor:** Ishwari Sabkal/Anusha Thombre

### Description

Alumni Meet was organized on 23rd February 2024 at AISSMS COP. Around 120 Alumni attended the event. The event began with paying homage to one of our alumni Ms Namrata Gujar who lost battle with cancer at an early age. Formal function began with the lighting of lamp followed by unveiling of the APGA bulletin by the hands of our Principal Dr. Ashwini Madgulkar and a few Alumni present at stage. APGA advisor Dr. Shashikant Bhandari addressed Alumni and thanked them for taking out time for the meet. The formal inaugural function was followed by Alumni interaction session with current Final year B.Pharm and M.Pharm students for career guidance. The Alumni met ended with sumptuous dinner organized by the APGA committee.



APGA Advisor Dr. Shashikant Bhandari Addressing the Alumni and Scholarship cheque to Meritorious student Miss Khushi Muttha

## 11. International Women's Day

(Exhibition/sale of products made by underprivileged women from Seva Sahyog)

**Date:** 11<sup>th</sup> March 2024

**Time:** 10:30 am to 4:00 pm

**Organized for (students /staff):** Teaching and non-teaching faculty as well as students

**No of Participants:** :09 students & all Staff

### Description

On 11th March 2024, AISSMS COLLEGE OF PHARMACY, in association with Seva Sahyog , which is a Government recognized Non profit organization, based in Pune had organized: Mega Seva Fair-Expo of products made by “Women Empowerment Programme” of Seva Sahayog NGO, on the Ground floor of the college. The fair-expo was inaugurated by Principal Madam. Few students shared their thoughts about the celebration of International Women's Day. The programme was attended by all the staff members and students from college and they purchased a variety of things.

### Outcome:

Assistance in Women Empowerment through sale of products prepared by them.



**Glimpses of Seva Fair Stalls on Internal Women's day, as a part of Women's Empowerment**



**Students are seen purchasing the products at the Seva Fair expo**

## Upcoming News (Apr-June 2024)

- Intellectual Property Rights Day (IPR Day) will be celebrated this month in association with Mrs. Asha Hole , Geniobrain IP Solutions,Pune.
- Farewell to Final year
- Farewell to M. Pharm
- Prize distribution

**“Don't stop when you're tired.  
Stop when you're done.  
""Every accomplishment starts with  
the decision to try.""  
You are stronger than you think.  
You can handle more than you imagine.  
""The greatest glory in living lies not  
in never falling,  
but in rising every time we fall." ”  
- Nelson Mandela.**



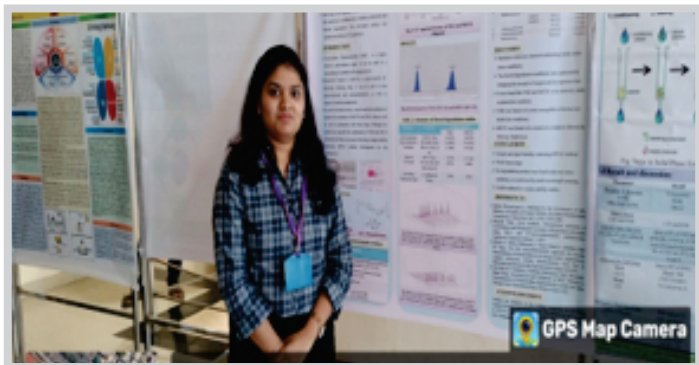
## News and Events (Jan-Mar 2024): Students achievements and participations

- ✓ The students from M.Pharm. (Quality Assurance) Ms. Pragati Jadhao, Ms. Akanksha Sujgure and Mr. Shankar Maind Patil, attended an International Conference “Dayanand Pharmacon 2024” organized by Dayanand Institute of Pharmacy, Latur on 2nd-3rd Feb 2024. They presented posters of research work guided by Dr. Mrinalini C. Damle.



### Ms. Pragati Jadhao won the 2nd Prize at the Poster Presentation Competition at International Conference “Dayanand Pharmacon 2024”

- ✓ The students from M.Pharm. (Quality Assurance) Ms. Pallavi Kapratvar, Mr. Raj Dhodi, attended a State Level Poster presentation competition “Scientia 2024” organized by Arvind Gavali College of Pharmacy and Sawkar Pharmacy College, Satara on 2nd Feb 2024.



### Ms. Akanksha Sujgure with poster



### Mr. Shankar Maind Patil with poster



### Mr. Raj presented a poster guided by Dr. Mrinalini Damle





**Ms. Pallavi presented a poster guided by Dr. Mrinalini Damle**

- ✓ Shripati Jadhav from S.Y. stood first in the chess competition organized by INVICTA IPA-SF which was held on 31st March 2024.



- ✓ Samruddhi Pasalakar and Swastik Gajare bagged first rank in a badminton competition held which was organized by INVICTA IPA-SF on 31st of March.



## Staff Achievement (Jan-Mar 2024):

- ✓ On 3rd March 2024, Principal Dr.Ashwini R.Madgulkar and faculty member, Dr. Trupti Chitre had participated in “Pharmathon” event organized by IPA,Pune branch. They ran a distance of 10 Kilometers and won prizes in age category.



**At the IPA Pharmathon Event ;  
Trophies for winning 2nd and 3rd Prizes by  
Dr.Ashwini R.Madgulkar Dr.Trupti Chitre**

## College Achievement (Jan-Mar 2024):



**“Success is not the result of spontaneous combustion. You must set yourself on fire.”  
- Arnold H. Glasow.**

## Did You Know:

### The power of the placebo effect

Treating yourself with your mind is possible, but there is more to the placebo effect than positive thinking.

Your mind can be a powerful healing tool when given the chance. The idea that your brain can convince your body a fake treatment is the real thing — the so-called placebo effect — and thus stimulate healing has been around for millennia. Now science has found that under the right circumstances, a placebo can be just as effective as traditional treatments.

"The placebo effect is more than positive thinking — believing a treatment or procedure will work. It's about creating a stronger connection between the brain and body and how they work together," says Professor Ted Kaptchuk of Harvard-affiliated Beth Israel Deaconess Medical Center, whose research focuses on the placebo effect.

Placebos won't lower your cholesterol or shrink a tumor. Instead, placebos work on symptoms modulated by the brain, like the perception of pain. "Placebos may make you feel better, but they will not cure you," says Kaptchuk. "They have been shown to be most effective for conditions like pain management, stress-related insomnia, and cancer treatment side effects like fatigue and nausea."

For further information, visit:

<https://www.health.harvard.edu/mental-health/the-power-of-the-placebo-effect>

**“You are the architect of your own destiny.” “Failure is simply the opportunity to begin again, this time more intelligently ”**

**- Henry Ford.**

## Scope of Pharmacy:

### DRUG ANALYST

A career in the drug analysis industry is a challenging, satisfying and lucrative job. A drug analyst is a professional who is responsible for ensuring that the quality of all the drugs produced in the pharmaceutical industry, whether it is for domestic or export, is up to the mark.

#### Duties of drug analyst :-

- ✓ Organizes, plans and directs all activities in a drug laboratory.
- ✓ Supervises and trains subordinate staff and participates in the chemical and physical analysis of local imported drugs and raw drug ingredients, to determine quality, purity and conformity with label claims and existing standards.
- ✓ Identifies sample drugs, components, complex drug mixtures and solid dosage forms.
- ✓ Checks on quality control procedures in drug factories in accordance with regulations.
- ✓ Advises on formulation of drugs with regard to potency, dosage, efficiency, stability and on enforcement of laws relating to drug standards.
- ✓ Acts as Government expert for the purposes of the Food and Drug Ordinance and the Narcotics Ordinance.
- ✓ Examines labels and drug advertisements to ensure validity of claims.
- ✓ Education Required :- Usually, drug analysts are required to have their degree in Pharmacy or a postgraduate degree in pharmacy.

#### Required Knowledge, Skills and Abilities

- ✓ Considerable knowledge of modern methods and techniques employed in drug analysis.
- ✓ Knowledge of the principles and practices of analytical chemistry.
- ✓ Knowledge of modern laboratory practices equipment and materials.
- ✓ Knowledge of the laws and regulations relating to drugs.
- ✓ Skill in the use and care of laboratory instruments, equipment and materials.
- ✓ Ability to assign and to instruct assistants in laboratory methods.
- ✓ Ability to make chemical and physical analyses of drug samples and incorporate findings in reports of varying complexity and to give evidence in court if necessary.
- ✓ Ability to establish and maintain effective working relationships with other employees and the public.

**“The only way to achieve the impossible is to believe it is possible.”**

**- Charles Kingsleigh (Alice in Wonderland)**

## Scientific Content:

### TORRENT PHARMACEUTICALS

Torrent, India's integrated healthcare group, has a turnover of Rs 9620 Cr (FY 2023) is one of the leading Pharma companies in the Country and is a market leader in cardiovascular, neuropsychiatric, and gastrointestinal segments. With modern manufacturing facilities and over 800 field personnel, Torrent exports medical formulations and has strategic alliances with global giants.

#### The R & D Centre

Torrent was one of the first companies in the country to conduct drug research, and as a result, it has made significant investments to establish one of the biggest and most well-equipped research centers. Major pharmaceutical companies have shifted their focus to research and development. Torrent Research Center is designed for targeted studies in the fields of molecular biology, cellular and molecular pharmacology, long-term toxicity, and genotoxicity. In order to meet the unique health demands of our community, Torrent Research has already developed Pen-G using cutting-edge technology and introduced two of the most promising chemicals of the decade: sparfloxacin and nicotine.

Torrent has formed strategic alliances with the William Harvey Research Institute in London, the Centre for Cellular and Molecular Biology and the Institute of Cell Biology in Hyderabad, the National Chemical Laboratory in Pune, and other organizations as part of its ongoing efforts to expand its research activities. One of the biggest supporters of applied research in Indian colleges is Torrent.

#### Websites and Contact Details:

[https://www.torrentpharma.com/Torrent Pharmaceuticals Ltd.](https://www.torrentpharma.com/Torrent%20Pharmaceuticals%20Ltd.)

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#### Sources:

1)Drug Index by passi publication

2)<https://www.torrentpharma.com/>



**“Don't wait for an opportunity. Create it.”“The road to success and the road to failure are almost exactly the same ”**

**- Colin R. Davis**



### Theme:

## LEPROSY

Leprosy Primarily Affects the SKIN and the PERIPHERAL NERVES

It May also Strike the EYES and the Thin Tissue Lining the Inside of the NOSE, KIDNEYS, and MALE REPRODUCTIVE ORGANS

**LEPROSY**, Also Known as Hansen's Disease (HD), is a Long-Term Infection by the Bacteria *Mycobacterium Leprae* or *Mycobacterium Lepromatosis*

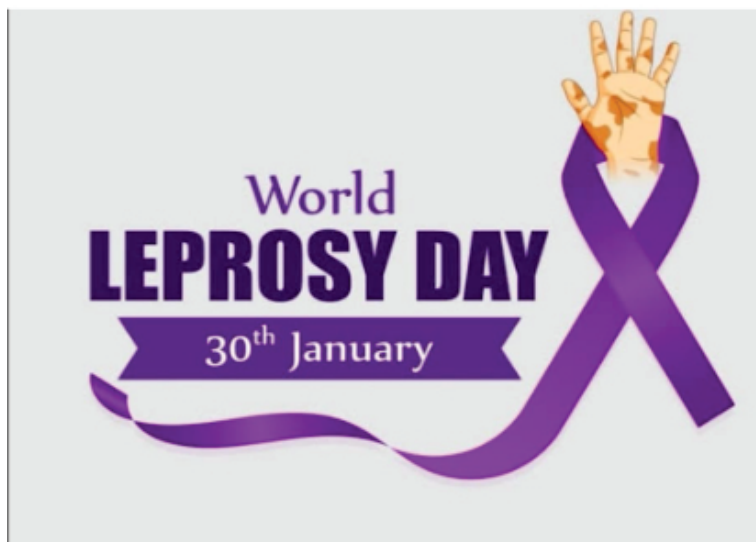
**Mycobacterium Leprae**

**Mycobacterium Lepromatosis**

It Usually Takes About 3 TO 5 YEARS for Symptoms to Appear  
Some People do not develop Symptoms UNTIL 20 YEARS LATER

**FORMS OF LEPROSY** → MORE SEVERE

Tuberculoid	Lepromatous	Borderline
Permanent Damage to the Nerves	Permanent Damage to the Legs	Permanent Damage to the Arms
Permanent Damage to the Nose	Disfiguration of the Face	Muscle Weakness Inability to Flex
Blindness or Glaucoma	Kidney Failure	Erectile Dysfunction



“Success is not measured by what you accomplish, but by the opposition you have encountered, and the courage with which you have maintained the struggle against overwhelming odds.”  
- Orison Swett Marden.

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