

E-NEWSLETTER 2019-2020



ISO9001:2008 Certified & NBA Accredited B. Pharm Course

Est.1992

Mahatma Gandhi Shikshan Mandal's

E-NEWSLETTER

Smt. Sharadchandrika Suresh Patil College of Pharmacy,

Chopda-425107, Dist. -Jalgaon, Maharashtra, India

(Affiliated to North Maharashtra University, approved by Govt. of Maharashtra, AICTE and Pharmacy Council of India)

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FOR INTERNAL CIRCULATION ONLY



INSIDE THIS ISSUE

- ✓ Our Academic Stars
- ✓ National Seminar Organised
- ✓ National Conference
- ✓ Faculty @ outside
- ✓ Extra Co-curricular activities
- ✓ COVID-19 awareness

Editor- In-Chief

- ✓ Dr. G. P. Vadnere

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Mrs. Prerana N. Jadhav

Ms. Priyanka V. Patil

Published by:

Principal, Smt. S. S. Patil, College of Pharmacy, Chopda, Jalgaon.

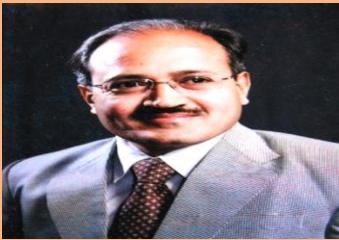
PRINCIPAL MESSAGE



**Prof. Dr. Gautam P. Vadnere
Principal, Smt. Sharadchandrika
Suresh Patil, College of Pharmacy
Chopda, Jalgaon**

I am very happy to know that college is bringing E-Newsletter with information on academics and encompassing the events of professional activities, research initiatives and COVID-19 updates. I am sure that Newsletter will give an ample opportunity to the students and faculty to bring their talents and contribute significantly to the profession. I take this opportunity to greet all of you and wish you success in all your endeavours.

Stay Home, Stay Safe



**Hon. Adv. Bhaiyasaheb
Sandeep Suresh Patil President,
MGSM, Chopda.**

PRESIDENT MESSAGE

I am delighted to know that Smt. Sharadchandrika Suresh Patil, College of Pharmacy is releasing E-Newsletter which updates the co-curricular and extracurricular activities of the staff and students of the college as well as updates and awareness on coronavirus. The college aims at preparing the students as Pharmacists and making them aware of their rights and duties stipulated on moral issues based on pharmacy ethics and values.

I wish you all the best for your efforts.

Stay Home, Stay Safe, Stay Happy , Stay Healthy

OUR INSTITUTION

Smt. Sharadchandrika Suresh Patil College of Pharmacy Chopda was established in 1992 as self-financed pharmacy college in the KBC North Maharashtra University, (NMU) Jalgaon. The institution has made a steady progress during last 27 years. In the year 2006 with the intention of making this institution a center of higher learning, started M. Pharm. in Pharmaceutics (2006) later M. Pharm in Pharmacognosy (2007) and center for Ph. D. in Pharmaceutical Sciences (2011). All the courses conducted in this Institution are recognized by Pharmacy Council of India, New Delhi, and All India Council for Technical Education, New Delhi. B. Pharm., M. Pharm. and Ph. D. courses are affiliated to KBC North Maharashtra University, (KBCNMU) Jalgaon. Institute has been certified An ISO 9001-2008 in 2014 for quality management services. Institute has been achieved NBA accreditation in 2015. In the academic year 2018-19 college has achieved re-accreditation by National Board of Accreditation (NBA).



OUR AFFILIATION

The Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon (Formerly known as North Maharashtra University) established on 15th August, 1990 under the Maharashtra Universities Act, XXIX of 1989, started its academic and administrative functioning from academic year 1991-92. The university was awarded with FOUR STAR grade in the year 2001, B grade with 2.88 CGPA in the year 2009 and A grade with 3.11 CGPA in 3rd Cycle re-accreditation in year 2015 by National Assessment and Accreditation Council (NAAC), Bangalore. As per the **National Institutional Ranking Framework (NIRF) - 2016** by Ministry of Human Resource Development, Government of India, **Kavayitri Bahinabai Chaudhari North Maharashtra University (Formerly known as North Maharashtra University)** ranked **59th amongst top 100 Universities and Institutes in India**. The academic year 2014-15 is a great milestone in the history of Kavayitri Bahinabai Chaudhari North Maharashtra University as it has completed the twenty five years voyage of higher education.

EDITORS DESK

We the editorial committee have a great privilege on releasing the Newsletter of Smt. S. S. Patil, College of Pharmacy Chopda. Newsletter highlights interactive activities and academic progress of students and faculty members. We extend our sincere thanks to our beloved Principal for his guidance and support. Learning is the process from the minute we are born until the end. Always be advanced so that you will win the race. All the best!



Mrs.Suvarnalata Mahajan



Mrs. Kranti Patil



Mrs. Prerana Jadhav



Ms. Priyanka V. Patil

Our Academic Stars (2019-2020)

First Year B. Pharm. (Sem. I) PCI



Agrawal Salony G. (8.31)



Patil Vaishnavi R. (8.03)



Mahajan Swati A. (7.97)

Second Year B. Pharm. (Sem. III) PCI



Wagh Nalini Dinesh (8.75)



Zade Manuja Satish (8.33)



Patil Divya Dinesh (8.25)

Third Year B. Pharm. (Sem. V) PCI



Patil Ashwini Anil (8.92)



Nehate Yadnyiki Kiran (8.50)



Patil Ashwini D. (8.42)

Final Year B. Pharm. (Sem. V) CGPA



Qureshi Alfaiz Shaikh (8.38)



Songire Harshali Ramesh (8.23)



Patil Shivani S. (8.15)

First Year M. Pharm. Pharmaceutics (Sem. I) PCI



Patil Kiran H. (8.54)



Sonawane Mahesh R (8.38)



Pawar Prasanna K. (8.92)

First Year M. Pharm. Pharmacognosy (Sem. I) PCI



Badgujar Pallavi S. (8.46)



Patil Rohini A. (8.15)



Nikam Manjusha S. (7.92)

Second Year M. Pharm. Pharmaceutics (Sem. III) PCI



Patil Shrutee Sunil (8.76)



Patil Akansha Lalit (8.76)



Patil Kavita Madhav (8.76)

Second Year M. Pharm. Pharmacognosy (Sem. III) PCI



Dhangar Tejasree T. (9.43)



Mayuri Patil K. (9.43)

Yoga Day (21 June 2019)

Mangala didi & Raj didi had given guidance about Rajyog on Yoga day



FELICITATION



Felicitation of NIPER qualified Ms. Ashwini Chavan & Ms. Ashwini Patil by hands of Registrar Mr. Prafulla B. More & Dr. J. C. Hundiwale

Felicitation of Dr. Sandip R. Pawar for receiving Ph.D. by the hands of Principal Dr. G. P. Vadnere, Mr. P. B. More, Mr. R. R. Deshmukh and Mr. Anil Patil

Botanical Tour Arranged By College (24 August 2019)



Students observed, identified & collected various medicinal plants at Unapdev, Chopda & Mr. Dashrath Patil had given information on plants.



TREE PLANTATION-2019 (1July to 7July)



Tree plantation by the hands of President Hon. Adv. Sandeep Suresh Patil, Secretary Hon. Dr. Smita Sandeep Patil, Principal Dr. G. P. Vadnere and all Teaching and Non-Teaching Staff



SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Facilitation Centre Inauguration (FC)



Inauguration of Annual Magazine Varshgrantha-2019



Releasing of Annual Magazine Varshgrantha-2019 on 12/07/19 at the hands of Hon. Mr. Dilip Ramu Patil, Management Council Member KBC NMU, Jalgaon



HOSPITAL VISIT



Student Welfare Department (4 July 2019)

Student's welfare department organized lecture on Sanskarmay Shikshan and invited speaker was Police Inspector Mr. Vinayak Lokare



Antiragging committee members meet with PI Vinayak Lokare

One day Seminar organized by Chemistry Department (31 August 2019)



One day seminar on topic
“Molecular Modelling
Approach, Strategy and
Development” was conducted
in presence of chief guest
Hon. Dr. P. P. Mahulikar,
Dr. P. D. Chaudhari and
Hon. Adv. Sandeep Suresh
Patil, Dr. G. P. Vadnere

Aanandparva 2019(25thSept.2019)

“ANANDPARV-2019” for First year B. Pharm and M. Pharm students has been organized at SSPCOP Campus dated on 25 Sep. 2019 in presence of Honorable Management committee and Chopda Taluka Chemist Association members. The invited members are Mr. Sunil Mahajan, Mr. Dipak Patil, Mr. Ramakant Sonawane, Mr. Pravin Mistari, Mr. Mayur Shinde & Mr. Jayant Mahajan. Fresher’s Day is a welcome party to newcomers and there is a need to be friendly and motivate juniors. Mr. Yash Sarode and Miss Ketaki Bagul was elected as Mr. and Miss Fresher’s respectively



Faculty @ outside



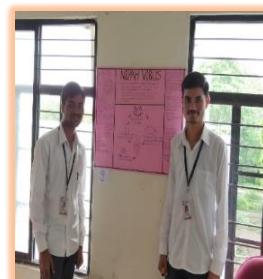
Dr. A. V. Patil, Dr. B. V. Jain, Dr. K. D. Patil ,Dr. MD Rageeb & Prof. T. Y. Shaikh as Expert for Avishkar 2019 at S. G. Patil ASC College Sakri, Dhule

BIRTHDAY CELEBRATION OF HON.FOUNDER PRESIDENT DR. DADASAHEB SURESH. G. PATIL (18 Nov.2019)



Poster and Model Making Competition (5 Sept.2019)

Poster & Model making Competition was organized on Teachers Day by the Pharmaceutics Department and the invited chief evaluator was Dr. R. M. Bagul. Also Prof. Dr. Tushar P. Patil, Dr. Kiran D. Patil invited as evaluator.



Interactive Activities /Participation



Students participated in Avishkar at Nutan Maratha College, Jalgaon



Students in MGSM's Suvarna Mahotsav

Participated in Yuvati Sabha at ASC, College Chopda

Faculty participation



Mrs. K. D. Patil, Mrs. S. S. Mahajan, Mrs. P. N. Jadhav & Mrs. P. V. Patil Participated in Int.Conf.at SMBT, Dhamangaon Nashik

Mr. Kiran Baviskar in conf. at Mumbai

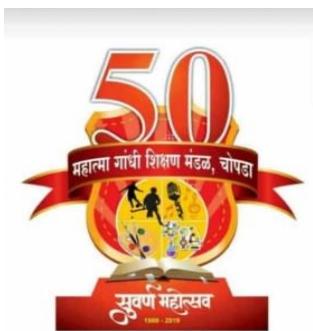
(AICTE Sponsored)
National Conference Organized by Pharmacognosy Department
(15 and 16 February-2020)

AICTE sponsored two days national conference was organized on topic “Computer Based Pharmacognosy: A New Scenario Developing Advanced Phytotherapeutic Application” on 15th & 16th February 2020 in presence of chief guest Hon. Dr. B. V. Pawar, Officiating registrar, & Hon. Dr. A . B. Chaudhari, Dean Sci.& Tech. KBCNMU, Jalgaon. On first day of conference Dr. Payal Dande, Assistant Prof. SVKM’s NIMIMS, SPTM, Shirpur and Dr. Sumeet Dwivedi, Oriental College of Pharmacy & Research, Oriental University Indore delivered lecture to Participants. On second day poster presentation session was inaugurated by the hands of chief evaluators Principal Dr. S. D. Barhate, Dr. Sunil P. Pawar & Dr. Tushar A. Deshmukh.



MGSM's Suvarna Mahotsav Rangoli Competition on 13 January 2020)

On the occasion of Mahatma Gandhi Shikshan Mandal's Suvarna Mahotsav Smt. S. S. Patil, College of Pharmacy organized Rangoli competition and the invited chief guest was Mrs. Bhavanatai Bhosale Block Development Officer, Chopda and Mrs. Madhuri Lad & Mrs. Madhuri Patil evaluated the Rangoli competition.



Unnat Bharat Abhiyan



Guest Lecture Arranged By College



Dr. P. K. Labhane, Prof. ASC College, Chopda delivering lecture on Aromatic amines & acids on 25 & 26/07/2019



Dr. S. R. Patil, Prof. ASC College, Chopda delivering lecture on Benzene & its derivatives on 29 & 30/7/19



Mr. Abhijeet Motiwale, Director, MCW Pharma, Indore



Dr. Sharada L. Deore, Associate Professor, Govt. College of Pharmacy, Amaravati delivering lecture on worldwide trade in medicinal plant and their derived products & role of medicinal & aromatic plants in National economy



Dr. Ravi Somani delivered the guest lecture



Mr. Danish Deshmukh and Mr. Sanjay Rathod College Alumni giving guidance on scope of pharmacy



Dr. K. P. Narkhede, Associate Professor, Moolji Jetha College, Jalgaon delivering lecture on Fermentation Technology on 20/02/2020

Achievement Focus



Ms. Leena Patil won first prize & Ms. Saloni Agrawal won second prize in Cookery competition at Nursing College, Chopda

Ms. Hemangi Patil won third prize in Rangoli competition



Final year student group won

Ms. Bhagyashri Patil, Ganesh Patil & Harsha Pawar selected for University Level Avishkar 2019 Phase -II



Sakshi Lad won third prize in State level Elocution Competition

Ms. Ashwini Patil, Shubham Dhurekar, Ms. Jaya Patil, Deepak Tayade, Kajal Nikam and group won first, third and second prize in Poster/Model making competition respectively



Rohit Raj & Jain Sayyam & Ganesh Vyas won first & Second prize respectively in Model Making Competition

Ganesh Patil & Jaya Patil won first & second prize respectively in poster presentation in pharmacognosy conf.

CONDOLENCE 5TH December 2019



NIPER CRAKERS



Ashwini Chavan



Ashwini Patil



Barkya Pawara



Roshani Bhavsar



Jayashree Barela

GPAT CRAKERS



Barkya Pawara



Roshani Bhavsar



Jayashree Barela

NBA Visit (26 May 2019)



Sports Activities



Inauguration of Cricket Campaign by the hands of Principal Dr. G. P. Vadnere & Principal Dr. D. A. Suryavanshi

Alumni Meet (25 Jan.2020)



Tarunyam 2020 (18 Jan.2020)



Online Activities

Number of work from home online activities conducted by the staff of Smt. Sharadchandrika Suresh Patil, College of Pharmacy, Chopda during the lockdown period due to COVID-19. All the teaching staff completed the various activities during lockdown period, online FDP programs and Webinar.

Hand Sanitizer Allocation

The most effective way to stay protected from novel corona virus (COVID-19) pandemic is to frequent washing of hands with soap and water, or by using hand sanitizer. College has allocated the hand sanitizer to Chopda Municipal Corporation and Police Department by the hands of Principal Dr. G. P. Vadnere, Dr. A. V. Patil and Registrar Mr. P. B. More.



Webinar “Marching Towards Success: Role of Pharmacists” (23/05/2020)

Webinar on Marching Towards success: Role of Pharmacists on 23 May 2020 organized by Pharmacognosy department Principal Dr. G. P. Vadnere and coordinator Dr. Md. Rageeb Md. Usman and the speaker was Dr. Upendra Nagaich, Research Coordinator, Amity Institute of Pharmacy, Amity University, Noida, and SPER Secretary.



Novel Coronavirus (COVID-19) Awareness

Smt. Sharadchandrika Suresh Patil college of Pharmacy has made available the following awareness about COVID-19.

Coronavirus Safety Tips for Everyone

The American Red Cross is closely monitoring the coronavirus disease 2019 (COVID-19) pandemic and following the latest guidance from the U.S. Centers for Disease Control and Prevention (CDC).

The best way to stay healthy is to follow these steps from the CDC:

- Wash your hands often with soap and water for at least 20 seconds, especially after being in a public place, or after blowing your nose, coughing or sneezing. If soap and water are not readily available, use a hand sanitizer with at least 60% alcohol.
- Avoid touching your eyes, nose and mouth with unwashed hands.
- Avoid close contact with people who are sick.
- Wear a cloth face covering to cover your mouth and nose when around others as physical distancing is not always possible. People may spread the infection even prior to having symptoms and you could spread COVID-19 to others even if you do not feel sick. Don't place coverings on young children under age 2, anyone who has trouble breathing, or is unconscious, incapacitated or otherwise unable to remove the mask without assistance. Learn more.
- Stay home if you are sick, except to get medical care.
- Cover your nose and mouth with a tissue when coughing or sneezing and throw the tissue away after use. If a tissue isn't available, cough or sneeze into your elbow or sleeve, not your hands.
- Clean and disinfect frequently touched surfaces daily. This includes tables, doorknobs, light switches, handles, desks, computers, phones, keyboards, sinks, toilets, faucets and countertops.
- If surfaces are dirty, clean them. Use detergent, or soap and water, prior to disinfecting. Find full information on how to disinfect here.
- Wear a facemask if you are sick. You should wear a facemask when you are around other people (e.g., sharing a room or vehicle) and before you enter a healthcare provider's office.

Source: <https://www.redcross.org/get-help/how-to-prepare-for-emergencies/types-of-emergencies/coronavirus-safety.html>

Mrs. Suvarnalata S. Mahajan

Asst. Prof. (Pharmaceutics)

How Does Covid-19 Spread?

According to the U.S. Centers for Disease Control and Prevention CDC, COVID-19 symptoms include fever, shortness of breath or a cough. Symptoms may appear 2-14 days after exposure. Call your doctor for medical advice if you think you have been exposed to COVID-19 and develop symptom

- According to CDC, the virus is thought to be spread mainly from person to person. It may spread between people who are in close contact with one another (within about 6 feet), or through respiratory droplets when an infected person coughs or sneezes. These droplets can land in the mouths or noses of people who are nearby and possibly get inhaled into the lungs.
- The CDC also reports that it may be possible for someone to get COVID-19 by touching a surface or object with the virus on it, and then touching their own mouth, nose, or possibly their eyes, but these is not thought to be main way the virus spreads.
- The best way to prevent illness from COVID-19 is to avoid being exposed to the virus, as there is no vaccine to prevent COVID-19

Emergency Warning sign

If your symptoms become severe, call to get medical attention immediately, Warnings signs include,

- Trouble breathing
- Persistent pain or pressure in the chest
- New confusion
- Inability to wake or stay awake
- Bluish lips or face

This list is not all inclusive. Consult your medical provider for any other symptoms that are severe or concerning. Call 911 if you have a medical emergency and note if you have, or think you might have, COVID-19.

Source:<https://www.redcross.org/get-help/how-to-prepare-for-emergencies/types-of-emergencies/coronavirus-safety.html>

Follow these five easy steps to help prevent the spread of COVID-19

Sneeze or cough? Cover your nose and mouth with a tissue or use your elbow.

Wash your hands often with soap and water for at least 20 seconds.

Clean and disinfect surfaces around your home and work frequently.

Keep at least 6 feet between yourself and others if you must be in public.

Wear a cloth face covering over your mouth and nose when around others.

Source:<https://www.redcross.org/get-help/how-to-prepare-for-emergencies/types-of-emergencies/coronavirus-safety.html>

Mrs. Suvarnalata S. Mahajan

Asst. Prof (Pharmaceutics)

CORONA VIRUS DEALS BIG BLOW TO PLACEMENT

The coronavirus pandemic has been affected globally and it has stretched the capacities of governance, public health infrastructure and social administrations of affected nations to their limits. At the same time lockdown enforced to prevent the spread has brought economics to the ground and jeopardized the job prospects of many. With unemployment soaring during these tough times, recent graduates waiting in the wings and looking for their first job feel marooned. According to the All India Survey of Higher Education by the Ministry of Human Resource Development, India saw 32.9 lakh students graduate from the Arts, Commerce, Science streams in 2019.

In an already bleak job market with growing unemployment rates, a majority of these graduates are likely to find it extremely difficult, if not impossible, to secure employment.

COVID-19 has not only altered our ways of life radically in the present, it has also thrown the future of lakhs into question.

I) Students are Uncertain

Across the country, graduates are anxious about their job prospects. They are fearful of what will be left of their hopes and are bracing for an uncertain future. Students who had turned down the idea of pursuing a higher education in favour of jobs have also begun regretting their decision.

II) Paying education loans

Many students took out education loans to complete their studies and pinned hopes on the jobs they would get, to help them repay the loans and ease the financial burden on families. Economic relief measures proposed by the Central Government, a three-month moratorium on the payment of EMIs for term loans, including educational loans, is on the cards. But the interest accrued will not be waived. This will result in borrowing paying a higher instalment for repayment.

Colleges and recruiters in an uncertain period of awaiting a decision:

Firms too are caught in stagnation, with their decision on hiring and expanding dictated by the lockdown and its effects. IT services and startups recruitment, in particular, could be affected badly by crunch caused by the lockdown. Many firms are now mulling freezing salary hikes and promotions and hiring is expected to get slower. The coming months: A workaround to the crisis has been suggested by the Association of India Universities (AIU) through a few platforms for colleges and companies to overcome the hurdle in hiring. The AIU has partnered with Jeevitam an MOU partner of the labour ministry to conduct online placements for students during the ongoing crisis .Member universities could register by paying a fee Rs.10,000 to conduct digital placements for each institute.

Ministry of human Resources has issued a plea to all companies who have recruited so far, to not withdraw their job offers owing to COVID-19.In a meeting with educational institutions, the MHRD has asked for special placements drives to be held for those who are unable to secure or retain jobs during this time.

The longer term outlook regarding the employment prospects of the current graduates including in terms of salary can only be determined in the next few months.

Suggestions for students:

Be proactive in reaching out to companies, write to as many firms with your CV

Look beyond the traditional avenues, explore the startup ecosystem for jobs

Hone additional skills in your subject of qualification

Learn a foreign language

Take up freelance assignments

Explore remote work through websites that connect with prospective employers

Take up an internship

Sources:

<http://aishe.nic.in/aishe/viewDocument.action?documentId=262>

https://www.business-standard.com/article/pti-stories/only-13-pc-employers-in-india-have-hiring-plans-july-sep-quarter-survey-119061100375_1.html

<https://economictimes.indiatimes.com/wealth/borrow/5-things-to-know-about-3-month-emimoratorium-offer-by-rbi/articleshow/75094300.cms>

<https://www.ndtv.com/education/covid-19-pandemic-hrd-minister-appeals-companies-to-not-withdraw-job-offers-made-in-campus-placement-2207234>

Mrs. Kranti D. Patil

Asst. Prof (Pharmacognosy)

"Impact of social distancing, lockdown and innovations on the spread of COVID-19"

The outbreak of corona virus disease 2019 (COVID-19) which originated in Wuhan, China, constitutes a public health emergency of international concern with a very high risk of spread and impact at the global level. To contain the spread of the novel virus and to keep infections at a manageable level, many countries have instituted lockdowns and social distancing. In India, a nation-wide 21-day lockdown was announced with effect from 25 March 2020. This lockdown is expected to avert a sudden and large increase in the number of infections in the short term. • Additionally, interventions such as social distancing and isolation of infected individuals over several months could reduce peak infections. • Interventions such as frequent hand washing, reduced mass gatherings, contact tracing, and quarantines could slow transmission and reduce overall infections. Confirmed cases have spread worldwide, with 1,428,428 cases in 121 countries on 7 April.

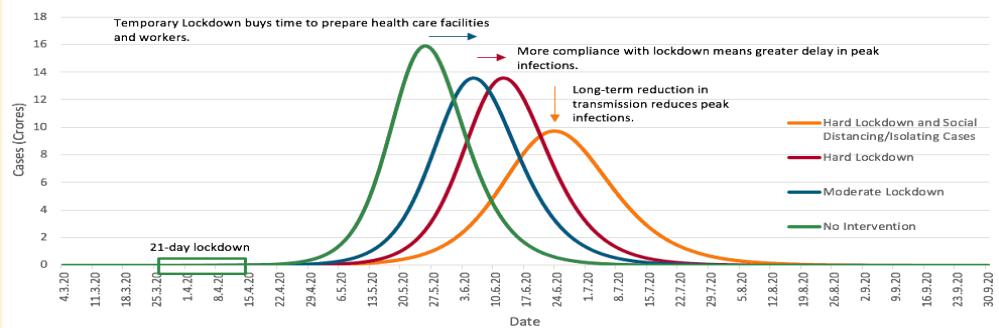
COVID-19 Cases in India

- 1) COVID-19 cases began in late January with 3 confirmed cases but accelerated to 28 confirmed cases on 4 March 2020.
- 2) On 28 March 2020, near the beginning of the lockdown, there were 909 confirmed cases in India with 85% of these hospitalized.
- 3) As of 9 April 2020, COVID-19 cases have been identified in 31 Indian states and union territories.
- 4) Testing continues to be rapidly expanded – expect to see additional cases in near future due to increased testing of the population.

COVID-19 India: Cases, hospitalizations and deaths (over a one-week period during lockdown from 28 March-3 April 2020)

Date	Samples tested	COVID+ cases	COVID+ cases hospitalized	COVID+ cases recovered/cured/migrated	COVID + deaths
28 March 2020	NA	909	776	80	19
30 March 2020	NA	1251	942	102	32
1 April 2020	NA	1637	1467	133	38
3 April 2020	NA	2301	1764	157	56

Projected Total COVID-19 Infections (Asymptomatic, Symptomatic, Hospitalized) in India



Above graph shows an impact of the 21-day lockdown on the spread of COVID-19 in India; before, during, and after the lockdown is lifted. The analysis includes four scenarios:

- 1) Baseline – Disease continues to spread with no lockdown, social distancing, or other intervention and no change in transmission rate. $R_0 = 2.66$.
- 2) Moderate Lockdown – Reduce transmission to R_0 of 2 during lockdown period, then transmission resumes at R_0 of 2.4.
- 3) Hard Lockdown – Reduce transmission to R_0 of 1.5 during lockdown period, then transmission resumes at R_0 of 2.4.
- 4) Hard Lockdown and Continued Social Distancing/Isolating Cases – Reduce transmission to R_0 of 1.5 during lockdown period, then, through social distancing regulations and isolation of symptomatic individuals, resumes at R_0 of 2.

India's current lockdown will significantly slow the spread of COVID-19 hospitalizations and moderate infections compared to a lack of interventions.

- 5) The results of this analysis suggest that immediate physical distancing will reduce the burden of COVID-19 on the healthcare system and reduce the risk of mortality among high-risk patients.
- 6) A temporary lockdown allows time to build the capacity of hospitals and health care workers.
- 7) Long-term impacts can be achieved through a combination of policies that reduce the transmission of the virus including immediate isolation of all individuals demonstrating symptoms of influenza-like illness, physical distancing and universal masking, restrictions on large gatherings and events, improved sanitation and hygiene, and increased testing availability.

- 8) The primary effect of an extensive, temporary lockdown is to provide time to the health system by delaying peak infections until adequate health care infrastructure, personnel and equipment can be obtained.

9) Multiple periods of tightening and loosening restrictions may have a similar effect, but restrictions would need to be tightened often to avoid a high peak of infections and hospitalizations. It is also important to note that fragmented frequent changes in lockdown policy or fragmented policies (states vs. states and state vs. centre) can result in policy confusion and community fatigue for enforcement.
Reference - <https://cddep.org/publications/covid-19-india-potential-impact-of-the-lockdown-and-other-longer-term-policies/>

Standard Operating Procedure for Social Distancing for Offices, Workplace, Factories and Establishments

The following measures shall be implemented by all offices, factories and other establishments:

- 1) All areas in the premises including the following shall be disinfected completely using user friendly disinfectant mediums:
 - A. Entrance Gate of building, office etc.
 - B. Cafeteria and canteens.
 - C. Meeting room, Conference halls/ open areas available 1 verandah/ entrance gate of site, bunkers, porta cabins, building etc.
 - D. Equipment and lifts.
 - E. Washroom, toilet, sink; water points etc.
 - F. Walls/ all other surfaces
- 2) For workers coming from outside, special transportation facility will be arranged without any dependency on the public transport system. These vehicles should be allowed to work only with 30-40% passenger capacity.
- 3) All vehicles and machinery entering the premise should be disinfected by spray mandatorily.
- 4) Mandatory thermal scanning of everyone entering and exiting the work place to be done.
- 5) Medical insurance for the workers to be made mandatory.
- 6) Provision for hand wash & sanitizer preferably with touch free mechanism will be made at all entry and exit points and common areas.
- 7) Sufficient quantities of all the items should be available.
- 8) Work places shall have a gap of one hour between shifts and will stagger the lunch breaks of staff, to ensure social distancing.
- 9) Large gatherings or meetings of 10 or more people to be discouraged.
- 10) Seating at least six feet away from others on job sites and in gatherings, meetings and training sessions.
- 11) Not more than 2/4 persons (depending on size) will be allowed to travel in lifts or hoists.
- 12) Use of staircase for climbing should be encouraged.
- 13) There should be strict ban of gutkha, tobacco etc. and spitting should be strictly prohibited.
- 14) There should be total ban on non-essential visitors at sites.

- 15) Hospitals/clinics in the nearby areas, which are authorized to treat COVID-19 patients, should be identified and list should be available at work place all the times.

Reference - <https://www.thehindu.com/business/lockdown-guidelines-standard-operating-procedure-for-social-distancing-at-workplace/article31344606.ece>

Home Ministry guidelines for COVID-19 management

The guidelines issued by Home Ministry for COVID-19 management, are apply to public

- 1) Places and work places.
- 2) Under these guidelines, wearing of face covers is compulsory.
- 3) Spitting will be punishable with fine.
- 4) Social distancing is to be followed by all persons in public places and in transport.
- 5) "Marriage related gatherings shall not have more than 50 guests.
- 6) For funerals and last rites, the maximum number of persons allowed has been kept at 20.
- 7) Consumption of liquor, paan, gutkha and tobacco is not allowed in public places.
- 8) The practice of work from home should be followed to the extent possible, and staggering of work hours should be adopted.
- 9) There should be provision for thermal scanning, hand wash and sanitizers at all entry and exit points and common areas.
- 10) In work places, social distancing should be ensured through measures like adequate distance between workers, and adequate gaps between shifts.

Reference - <http://www.newsonair.com/Main-News-Details.aspx?id=388950>

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