Amrutvahini Sheti & Shikshan Vikas Sanstha's

Amrutvahini College of Pharmacy

(An ISO 9001:2015 Certified College)

(Recognised by Government of Maharashtra & Directorate of Technical Education(DTE), Mumbai, Affiliated to Savitribai Phule Pune University)

(Approved by the Pharmacy Council of India (PCI) & All India Council for Technical Education (AICTE) , New Delhi) Sangamner – 422605

Patrons

Hon. Shri. Balasaheb Bhausaheb Thorat

Chairman

Hon. Dr. Sudhir Tambe

Trustee

Ex.Officio Member

Mr. Anil B. Shinde

CEO

Editorial Board

Advisor

Dr. Machhindra J. Chavan

Editors

Mr. V. K. Nikam

Mr. M. V. Mahale

Associate Editors

Ms. B. C. Ghodeswar

Mr. V. S. More

Mr. S. M. Kalmegh

AMRUTPHARM

NEWS LETTER 2017-18

Contents

- Vision & Mission
- Program educational Objectives & Program Outcomes
- Student Council
- Achievements / Honours
- College Activities/ NSS Activity
- Program Organized/ Cultural News
- Alumni Interaction/ Guest Lectures
- Industrial and Hospital Visits
- Publications
- Staff Development (FDP/Seminar/Conference/SDP)

Dec 2017-May 2018

Volume II- Issue 2……

Vision

Our college will be recognized as socially cautious centre of excellence in innovative education through its contribution in training, scholarly research in pharmacy profession and services to society.

Mission

For translation of our vision into reality college striving to

M1: Provide value based student centric and sustained quality pharmaceutical education.

M2: Foster advanced and innovative research that benefits pharmaceutical industry and community.

M3: Encourage and strengthen leadership, competitiveness, ethical reasoning and intellectual curiosity.

Program Educational Objectives (PEOs)

PEO 1: Graduates of the program will be having strong background and skills in pharmaceutical sciences and able to use these tools in Pharmaceutical industry and/or institutes where ever necessary for success.

PEO 2: Technically sound and mentally robust with critical thinking abilities to excel in career.

PEO 3: Professional and ethical attitude and have ability to address healthcare issues of community.

Program Outcomes (POs)

1. **Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioural, social, and administrative pharmacy sciences; and manufacturing practices.
2. **Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
3. **Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
4. **Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
5. **Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well- being.
6. **Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
7. **Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
8. **Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
9. **The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
10. **Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
11. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self- assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

Student Council

Dr. M. J. Chavan	**Chairman (Principal)**
Mr. V. S. More	Assistant Professor, Nominated by the Principal (Student's Development Officer)
Mr. R. P. Thorat	N. S. S. Programme Officer
Ms. Supekar Shilpa Hanumant	Student University Representative (UR)
Mr. Bharat Tukaram Agiwale	Student Representative (First Year)
Ms. Sarangdhar Vaishnavi Anant	Student Representative (Second Year)
Ms. Kute Kalyani Machhindra	Student Representative (Third Year)
Mr. Muthal Varad Rajiv	Student Representative (Final Year)
Mr. Raut Dipak Balu	Nominated Student Member (Sport)
Mr. Pawar Suraj Dilip	Nominated Student Member (General Secretary)
Ms. Avhad Snehal Chintaman	Nominated Student Member (Cultural)
Ms. Mandlik Rutuja Dilipkumar	Nominated Lady Student Member (UG)
Ms. Tamboli Sofiya Anwar	Nominated Lady Student Member (PG)

Achievements/ Honours

The M. Pharm. students Mr. N. K. Gite & Mr. A. B. Deshmukh of Amrutvahini College of Pharmacy Sangamner, won first prize in poster presentation competition One days National Conference on "Recent Advancement in Chromatography & Hyphenated Techniques" organized by DCS's A.R.A.College of Pharmacy, Nagaon, Dhule on 10 Feb 2018. The Research Project work of Mr. N. K. Gite guided by Mr. M. V. Mahale. (Asst. Prof.) entitled "Spectrophotometric Determination of Valsartan in Pharmaceuticals and human Urine" was presented by the students. Dr. M. J. Chavan Principal of college congratulate students for their hard work, intellectual and motive to do and assured them a constant support from college in their future.

Felicitation of GPAT Qualified Students

Amrutvahini College of Pharmacy, Sangamner.had organized felicitation programme for GPAT qualified students in presence of Dr. M.J.Chavan, Principal and Mr.A.B.Shinde CEO AVS & SVS. They felicitated and congratulate the students for their hard work and also gave best wishes to their bright future. During programme, qualified students guided the other students and also shared their experiences during preparation of examination.

GPAT Rankers

Mandlik Rutuja
All India Rank 660

Kotkar Ajit
All India Rank 810

Raut Dipak
All India Rank 827

Thitme Sonal
All India Rank 1456

Janjire Vaibhav
All India Rank 1649

SangaleBhausaheb
All India Rank 1649

Gangwal Tejal .
All India Rank 2145

Rahane Meghana
All India Rank 2211

Ghuge Priyanka
All India Rank 2570

Dharade Reshma
All India Rank 2934

Shirsath Vidya
All India Rank 3721

Dighe Aniket
All India Rank 1549

GATE Qualified Student

Rahane Meghana
Score 339
All India Rank 2435

Faculty Activities

Syllabus Revision Workshop

The Staff of Amrutvahini College of Pharmacy Mr.Gaikwad S.S and Mr.More V.S. attained the syallabus revision workshop held and organised by R. G. Sapkal College of Pharmacy, Anjaneri, Nashik on 27th January 2017 & MET's Institute of Pharmacy, Bhujbal Knowledge City, Adgaon, Nashik on 16th January 2017 respectively.

Faculty Participation

The Staff of Amrutvahini College of Pharmacy Mr. M. M. Deshpande Participated in 4th Nirma Institute of Pharmacy International Conference "Innovation in Pharmaceutical Research by Interdisciplinary Approach" NIPICON-2018 Dated 23th-25th January 2018 which was organized by Institute of Pharmacy, Nirma University Sarkhej- Gandhinagar highway, Ahmedabad & Presented Poster on topic "Development and validation of RP-HPLC method for simultaneous estimation of Zaltoprofen and paracetamol in bulk and tablet formulation" Dr. D. P. Hase Participated in Workshop Dated on 3rd and 4th March 2018. "Extraction and isolation of phytoconstituents" covering basic knowledge about on practical aspects of herbal drug extraction and isolation using lab scale to pilot scale extractor, etc; isolation of components belonging to different chemical classes; selection of method of extraction, isolation and analysis using HPLC/ HPTLC/ GC etc. The participants exposed to hands on experience on different extraction and isolation techniques.

Faculty Visited as Guest Lecturers in other Institutes-

Faculties of Amrutvahini College of Pharmacy, Sangamner. Dr.D. P. Hase, Dr. D. N. Raut, Dr. S .F. Sayyad, Dr.K. B. Aher, visited as guest lecturer & Poster Evaluator and as an Guest in other institutes.

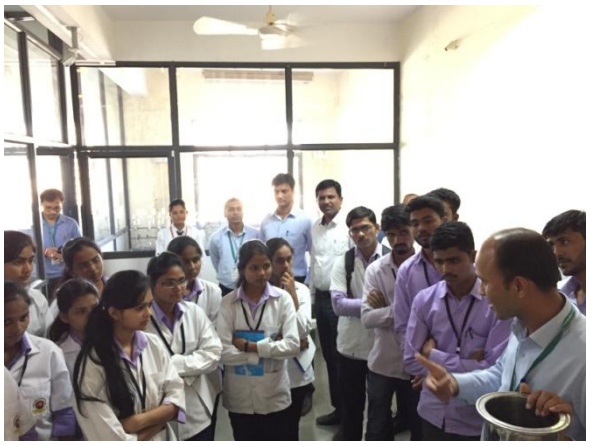
College Activities (Workshop,Conference,Seminar)

State level Conference

Amrutvahini College of Pharmacy, Sangamner. Organized two days State level Conference on “Recent trends in Analytical and Bioanalytical Chromatographic Techniques " Sponsored by Savitribai Phule Pune University, Pune on date 31st January 2018 and 1st Feb 2018.The event was inaugurated by coordinator Dr.R. N. Kachave and Principal Dr. M. J. Chavan. This conference finds its relevance in the recent advances that have been made in quantitative analysis of pharmaceuticals in the highly competitive healthcare market. As, globalization has made pharmaceutical industry highly demanding and quality intensive, advance analytical and bioanalytical techniques have been instrumental in achieving the stiff quality goals set by ever increasing local and global market. So, knowledge and skills for handling sophisticated hyphenated instruments like, LC-MS, LC-MS/MS, GC-MS. has become imperative. The conference aims to provide a platform for analytical scientists, researchers, academicians, and students to discus and share their ideas and experiences in the field of analytical and bioanalytical chemistry.

Workshop on Fluidized Bed Processor, Spray Dryer & Probe Sonicator

Amrutvahini College of Pharmacy organized two days National level Workshop on "Fluidized Bed Processor, Spray Dryer & Probe Sonicator " Sponsored by Savitribai Phule Pune University, Pune. Dated on 2nd and 3rd Feb 2018. The event was inaugurated by coordinator Dr. K. S. Salunkhe and Principal Dr. M. J. Chavan. The workshop was conducted by Students, Staff and Non Teaching members of College.



SPPU Sponsored Students' Personality Development Workshop for Girls

The Amrutvahini Sheti and Shikshan Vikas Sanstha's Amrutvahini College of Pharmacy, Sangamner, had organized Personality development Program for Academic Year 2017-18 under the Student's Welfare Department of University of Pune on 8th March 2018.

The function was coordinated by Ms. B. C. Ghodeswar. The lectures of experts were arranged for the personality development and empowerment of girls. During the lectures the experts had interaction with the students. Mrs. Sonali Dabak had given Lecture on Entrepreneurship & Adv. Mrs .Jyoti Malpani told the students about Law for Women during the session. The students had given the positive feedback of lectures.

Workshop for Non Teaching Staff

A workshop on "Chemical list preparation, Email writing for chemical purchasing" organized by Amrutvahini College of Pharmacy, Sangamner for Lab technician and Store Keeper conducted by Mr. Bhushan Patil, Sales coordinator Modern Science Apparatus Pvt. Ltd. Nashik on 26 February 2018.

The second workshop was arranged in this session on "maintenance, repairing, safety of analytical instruments" for Lab technician by AVCOP & which was conducted by Mr. R. M. Jagtap of Kimaya enterprises, Aurangabad on 09th March 2018. The main objective of this workshop was proper handling instruments and maintenance of analytical instruments.

Campus Recruitment Drive

The Amrutvahini Sheti and Shikshan Vikas Sanstha's Amrutvahini College of Pharmacy, Sangamner had organized Campus recruitment drive dated on 19th March 2018 arranged by Training and Placement department. The various organizations participated were Macleods Pharmaceutical Ltd., WNS global services etc.

Graduation Ceremony

On behalf of SPPU, Amrutvahini College of Pharmacy, Sangamner, had organized the Graduation Ceremony on 3rd March 2018. Hon. Dr. Nitin Karmalkar, Vice Chancellor Savitribai Phule Pune University and Hon. Dr. V.B. Gaikwad, Dean Science and Technology, Savitribai Phule Pune University were present for Graduation Ceremony(Convocation) as Guest of honor. The program was conducted in presence of Hon. Shri Dr. Sudhirji Tambe, Trustee AVS & SVS. Shri A.B. Shinde Chief Executive Officer AVS & SVS, Dr. M. A. Venkatesh Principal Amrutvahini College of Engineering, Sangamner & Dr. M. J. Chavan Principal Amrutvahini College of Pharmacy, Sangamner.

Program Organized / Cultural News

Cultural Week 2K18. Medha

AVCOP, Sangamner, Ahmednagar celebrated the cultural Event from 4th January 2018 to 6th January 2018. Every year all the institutes under the umbrella of Amrutvahini Sheti & Shikshan Vikas Sanstha's participate in Grand cultural festival-**Medha**. For overall development of the students, the array of cultural activities is conducted in the campus of sanstha and on Medha ground. It is responsible for all the major cultural activities. Activities outside the class room buttress the student's retention and help in augmenting academic performance of the students. All round development of students is our ultimate goal and we encourage every student to open up and show her latent talent in various competitions and thereby help and nurture them in their overall development. Our Students performed exceptionally well in the extra co-curricular activities and so this unraveled the hidden talents in the students. Every day there was a theme observed and there were various competitions conducted. The program was started with inauguration function in presence of Hon. Balasaheb Thorat (Ex. Minister for Revenue and Khar Land Development Government of Maharashtra, President AVS & SVS), Hon. Dr. Sudhirji Tambe (Trustee, AVS & SVS) & event coordinator Mr. G. B. Kale. The students of AVCOP were guided by Mr. V. S. More cultural coordinator of Amrutvahini College of Pharmacy, Sangamner.

Sports Event 2k18

Annual Sports Event was organized from 1st March 2018 to 3rd March 2018 for AY 2017 - 2018.The inauguration ceremony of the events was held in the presence of Principal Dr. M. J. Chavan and Sports In charge Mr. M. V. Mahale. Various sports events such as cricket, volley ball, table tennis, chess, carom, badminton, was carried out in presence of Sports secretary, Sports In charge, and other event coordinators.

NSS Activities

Amrutvahini College of Pharmacy, Sangamner had organized various NSS activities in this session Aids Awareness rally was organized on 1st December 2017 the information was provided the peoples regarding Aids during the rally by the students the program was coordinated by NSS officer. Tree Plantation, Family Survey, Cleaning Awareness, Blood & Hb Check-up Dental Check Up Health Check-up as a Campaign was arranged by college under NSS from date 08/01/2018 to 14/01/2018.NSS has also arranged National Youth Day, Cancer Day, Swach Bharat Abhiyan, Female Foeticide rallies. All events were coordinated by N. S. S. Programme Officer Mr. R. P. Thorat.

Alumni Interaction/Guest Lecture

Personality Development and Interview Skill Techniques

Amrutvahini College of Pharmacy, Sangamner successfully organized one day district level workshop titled "**Personality Development and Interview Skill Techniques 12th March 2018**. The workshop was sponsored by Savitribai Phule Pune University, Pune. For the workshop expert from the field of HR and management profession was invited. The program was started at 09:30 am with inauguration function. Dr. R. N. Kachave Programme co-ordinator gave information about the importance of the workshop to the students. Dr. M. J. Chavan (Principal Amrutvahini College of Pharmacy Sangamner) gave importance about the workshop to the students for the inauguration programme. The lecture session was started by Shri Jatin Chandrana, Director of JIIGA Consultancy, Aurangabad the topic of his talk was "Personality Development and Interview skill Techniques." He has focused on importance of higher education. He also gave the students some Carrier guidance.

Industrial Visit

Visit to Education tour Mahatma Phule Krishi Vidyapeeth, Rahuri.

We have organized educational visit for the students of Second Year B. Pharm on 27th February 2018 (Tuesday) at Mahatma Phule Krishi Vidyapeeth, Rahuri, Ahmednagar. The visit was started at morning 08.00 am by 46 students (Girls: 28; Boys: 18) of S.Y. B. Pharm and 8 students (Girls: 03; Boys: 05) of M. Pharm (Specialization: Pharmacognosy) and along with Dr. D. S. Chumbhale and Dr. G. B. Bhavar teaching staff members. Ms V. G. Khandagale Junior Research Assistant (Botany) gave the detail biotechnological processes, tissue culture and micro propagation techniques. Students also saw their separate lab for gene separation, segmentation and transfer through vector, gene cloning, electrophoresis analytical instrument and its significance in the present status. She also interacts with students and gave valuable information about different department and sections. Students also visited at Medicinal & Aromatic Plants Project, Department of Agriculture Botany, Mahatma Phule Krishi Vidyapeeth, Rahuri.

Visit to Ari Healthcare & Regional Ayurveda Institute For Fundamental Research (RAIFR), Pune

Apart from the academic activities, we have organized an industrial visit for the students for improving their practical knowledge and present status. College encourages to Post graduate (M. Pharm.) students to visit at Research & Development (R & D Laboratory) of industrial unit for aware to research process, instrumentation and also to develop their Research Skill. College organize visit at R & D Centre for First Year M. Pharm. students on 3rd April 2018 at Ari Health Care Pvt., Ltd., R & D Centre, Phase-II MIDC, Hinjewadi, Pune. Students had prime interaction with Dr. Sanjay Nipanikar, Head, R & D Centre and Dr. Dheeraj Nagore, Senior Manager Analytical. This events was coordinated by Dr. D. S. Chumbhale.

Hospital Visit

Hospital visit was organized by Amrutvahini College of Pharmacy, Sangamner for the students of First Year B. Pharm Sem-II. Number of students were 44 (Girls: 28 and Boys: 16) on Tuesday, 20th March 2018 at SMBT Hospital and SMBT Institute of Medical Sciences and Research Centre, Nandi Hills, Dhamangaon Tal. Igatpuri, Dist. Nashik, Maharashtra State, India. Mr. H. E. Velis was Co-ordinator of the visit and Dr. G. B. Bhavar was Accompanying faculty member & non-teaching staff Mr. B.R. Aher. The guidance by given to students by Dr. Pradeep Naik (Hospital Administrator) & Dr. Swapna Parate (Asso. Professor, Dept. of Anatomy)

PLACEMENT DETAILS

Students of B. Pharm.

Shilpa Supekar
Macleods Pharmaceuticals Gujrat

Pooja Sangale
Macleods Pharmaceuticals Gujrat

Sarika Sanap
Macleods Pharmaceuticals Gujrat

Rutuja Kadlag
Macleods Pharmaceuticals Gujrat

Priyanka Shinde
Macleods Pharmaceuticals Gujrat

Students of M. Pharm.

Aniket Dighe
Zydus Cadila Ahmedabad

Pritesh Mahale
Ferring Pharmaceuticals, Mumbai.

Umesh Pere
FDC Pvt. Ltd. Aurangabad

Poonam Bhatjire
Evonic Pharma Mumbai

Pratik Dighe
Celogen Pharma Pvt. Ltd. Mumbai

Vaibhav Kotwal
Zydus Cadila Ahmedabad

Sanket Wani
Celogen Pharma Pvt. Ltd. Mumbai

Monali Waykar
Samarth Institute of Pharmacy, Alephata.

Prerana Kangane
Machleods Pharmaceutical Daman

Durgesh Boob
Fusion Scientific Mumbai

Nitin Deshmukh
Bharat Serum Vaccine Ltd.

Akshay Matade
Fusion Scientific, Mumbai

Sanman Kolhe
Pharmanza Pvt. Ltd. Vododara

Vishal Deshmukh
Rohadychem Pvt. Ltd.Mumbai

PUBLICATIONS

Title	Journal	Name of Author
A review on nanocochleates novel approch for drug delivery	WJPPS.7(7), 284-294	Kishor S. Salunkhe
A review on Drug solubilty: Importance and enhancement technique	WJPPS. 7(7), 268-283	Kishor S. Salunkhe
A review on techniques to improve solubilty poorly soluble drugs	WJPPS. 7(7), 254-267	Kishor S. Salunkhe
Hot melt extrusion technique for solid oral dosage form: A review	WJPPS. 6 (10),249-263	Kishor S. Salunkhe
QBD in Analytical Method development & Validation	J.of Enviornm.& Life Sci., 2017,2(2), 39-45.	Sadik F Sayyad
Recent trends in impurity profiling and forced degradation of antihypertensive drugs	J. of L.Chromatography & Related Technologies	Raman N. Kachave
Liquid Chromatography Method Development and Validation of Related Impurities of Lurasidone and Its formulation	Indian Drugs.	Raman N. Kachave
Involvement opioid receptors in anti-nociceptive activity of semi purified fraction and B- Amyrin isolated from ricinus communis linn leaves in mice	Oriental Pharma Exp Med,2017, 17,355-364.	Dipak N. Raut
Preparation, characterization & In vitro anticancer testing of Quercetin loaded nano Cochleats	Pharm.Research, 2017.	Dinesh P. Hase
Isolation and characterization of B-Sitosteriol from Justicia Gendarussa burm F an Anti-Inflamatory Compound	Int. J. Pharmacog. & Phytochem. Res. 2017, 9(9),1284-1291.	Dinesh P. Hase
Involvement opioid receptors in anti-nociceptive activity of semi purified fraction and B- Amyrin isolated from ricinus communis linn leaves in mice	Oriental Pharma Exp Med,2017, 17,355-364.	Dinesh P. Hase
Standardization of Jamba Asava- A Polyherbal Ayurvedic Formulation	AJPSD, 2018, 6(2), 43-46.	Deshraj S. Chumbhale
Phenolic Content & In Vitro Antioxidant Activity of Millingtonia Hortensis Linn	Intern. J. of Pharma. Chem. & Biol. Sci. 2017, 7(3), 224-229.	Deshraj S. Chumbhale
Isolation and characterization of B-Sitosteriol from Justicia Gendarussa burm F an Anti-Inflamatory Compound	IJPPR.,2017, 9(9),1284-1291.	Hrishikesh E. Velis
A study of method Development, Validation force degradation for quantification of Carbamazepine and oxocarbazepine by RP-HPLC	Intern.Journal of Pharma. Sci. Review and Res.Vol-51,2 7-11	Mahesh M. Deshpande

Development and Validation of RP-HPLC method and force degradation of Powerful Bradykinin inhibitors Zaltoprofen	Current Pharmaceutical Analysis Vol.14, 2018	Mahesh M. Deshpande
UV-Spectrophotometric method Development and Validation for estimation of Carbamazepine and Oxcarbazepine	J. of Scientific Research in Pharm. Vol. 6, Suppl-1 2017, 13-16.	Mahesh M. Deshpande
A Review On: Sublingual Route is the Most Promising Choice in an Emergency	Applied Clinical Research, Clinical Trials & Regulatory Affairs Vol-5,1-16	Sachin S. Gaikwad
Formulation and invitro evalution of isradipine Orodispesible Tablets using sublimation method	Inventi Rapid:Pharmaceutical Process Development Vol. 20, 2018, Issue 3	Vikrant K. Nikam
A Review on Impurities profiling In Pharmaceutical Analysis	AJPTR, 2018, 8(3), 27-34.	Manoj V. Mahale
Chrono modulated Drug Delivery System-A review	AJPTR, 2017, 7(3), 126-136.	Sachinkumar D.Gunjal

Dr. M. J. Chavan (Professor & Principal, Amrutvahini College of Pharmacy, Sangamner), **Dr. D. P. Hase** (HOD, Dept. of Pharmacognosy) and Dr. Pravin Wakte (Head, University Dept. of Chemical Technology, BAMU, Aurangabad) have published book chapter in International Publication (Studium Press LLC, USA) entitled "Recent Progress in Medicinal Plants, Volume 45, Metabolic Disorders-Diabetes". **The Use of *Annona squamosa* L. in the Management of Diabetes: Phytochemical and Pharmacological Considerations"** Edited by J. N. Govil and Surender Singh; forwarded to J. P. Nadda (Union Health Minister, Govt. of India).