



SNDT Women's University

APRIL
2023



C. U. SHAH COLLEGE OF PHARMACY

SNDT Women's University,
Sir Vithaldas Vidyavihar,
Juhu Road, Santacruz (W),
Mumbai 400 049

Tel : +91-22-26608493
Email: cushahpharmacy@sndt.ac.in
<https://sndt.ac.in/cushahpharmacy>

Brief History of the Department

Year of Establishment: 1980



- C. U. Shah College of Pharmacy is a **conducted college** of SNDT Women's University.
- The institute is approved by All India Council of Technical Education (AICTE), **Pharmacy Council of India (PCI)**, New Delhi and Directorate of Technical Education (DTE), Govt. of Maharashtra.
- The institute is committed to become a **Center for Excellence in Pharmaceutical Education and Research** and be a leader in the field of **Pharmaceutical Sciences and technology** including Pharmacy Practice with the objective of strengthening the Health care of the country.

VISION AND MISSION STATEMENT

VISION

- To empower women through Professional Pharmaceutical Education.
- To provide Financial independence through employment and encourage entrepreneurship in women.
- To be a Leader in various sectors of Pharmaceutical Sciences such as Academics, Pharmacy practice, Research, Industry and provide continuous professional development for Women Pharmacists.

MISSION

- To impart knowledge, develop skills and competencies in women students in Pharmaceutical Sciences and Pharmacy Practice.
- To advance the knowledge, attitude and skills of Pharmacists who can provide comprehensive Pharmaceutical care to patients, enhance treatment outcomes, and meet societal needs for safe and effective drug therapy.
- To translate research into healthcare practice.

Programmes Offered

Type of Program	Name of Program	Year of Introduction
UG	B. Pharm.	1980
PG	M. Pharm. In Pharmaceutical Quality Assurance (First institute to introduce this Program in India)	1989
PG	M. Pharm. In Pharmaceutics	2005
PG	M. Pharm. in Phytopharmacy and Phytomedicine (Herbal Drug Technology/ (Started for the first time in Maharashtra)	2013
PG	Ph.D. (Faculty of Science & Technology)	1989

NEP Implementation:

- Four year B. Pharm. Degree program with CBCS
- Inclusion of Practice School with exposure to community Pharmacy and Research project at Fourth Year B. Pharm.
- Internship at Pharma. Industry /Hospitals for B. Pharm. and M. Pharm. programmes.
- Multidisciplinary/interdisciplinary and Value Added Courses: Inclusion of courses, such as Cosmetic Science, Clinical Data Management, Pharma. Marketing Management, Nutraceuticals and Dietary supplements, in Fourth Year B. Pharm in CBCS pattern, as per NEP.
- Introduction of online CHETANA course: "Know your medicine", 2-credit course available for all SNDTWU students.
- IKS: Inclusion of 'Ayurveda and Allied systems' in M.Pharm Phytopharmacy and Phytomedicine program.

Learning Outcomes

B.Pharm

- Gain knowledge in Pharmaceutical sciences
- Showcase effective planning abilities.
- Apply scientific principles, analytical and critical thinking
- Inculcate leadership and team-building skills required for fulfilment of, professional and societal responsibilities.
- Respect personal values and ethical principles
- Communicate effectively with pharmacy community and with society
- Apply reasoning informed by the appropriate knowledge to assess health, safety and legal issues and following the responsibilities relevant to the professional pharmacy practice.
- Understand impact of pharmacy practices in environmental contexts, and showcase knowledge of, and need for sustainable development.
- Recognize need for, and have the preparation and ability to engage in independent and life-long learning in context of technological change.

M.Pharm (Pharmaceutical Quality Assurance)

- Sustain in the field of academia, pharmaceutical industry and also opt for higher education in pharmacy.
- Apply the principles of analytical techniques for qualitative and quantitative estimation of drug from formulation and plant extract along with their purity.
- Acquire knowledge about role of regulatory authority and about patenting of drug molecule in patent office.
- Apply the knowledge of QSAR for drug development.
- Analyze, criticize, organize, improvise and manage documentation related to Product development and evaluation.

M.Pharm (Pharmaceutics)

- Apply the principles of formulation development for developing therapeutically effective and safe drug delivery systems
- Analyze, criticize, organize, improvise and manage documentation related to formulation development and evaluation
- Sustain in the field of academia, pharmaceutical industry and also opt for higher education in pharmacy

M.Pharm (Phytopharmacy and Phytomedicine)

- Have a complete understanding of important research areas of herbal crude drugs.
- Have end to end knowledge of important aspects of herbal drug technology.
- Build expertise in various disciplines of herbal medicines, which can be applied in the herbal industry in various departments like manufacturing, research and development, formulation development, drug discovery, quality control, regulatory affairs, intellectual property rights, scientific/medical writing, pharmacovigilance study, sales and marketing.

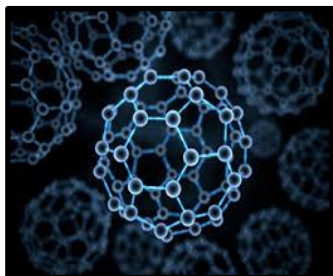
STUDENT INTAKE

Name of Program	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
B. Pharm	30	30	30	30	30	34	32
M. Pharm. (Pharmaceutical Quality Assurance)	18	18	18	15	15	15	15
M. Pharm. (Pharmaceutics)	18	18	18	09	09	12	12
M. Pharm. (Phytopharmacy & Phytomedicine)	18	18	18	18	18	6	6

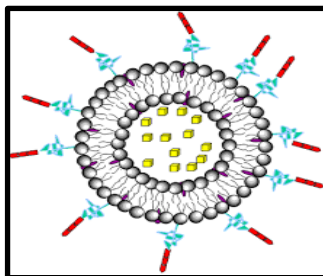
RESULTS

Name of Program (Results %)	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
B. Pharm Results	88	90	92	95	100	100	100
M. Pharm. (Pharmaceutical Quality Assurance)	100	100	100	100	100	100	100
M. Pharm. (Pharmaceutics)	100	100	100	100	100	100	100
M. Pharm. (Phytopharmacy & Phytomedicine)	100	100	NA	100	NA	100	100

Thrust areas of Research



NANOTECHNOLOGY



NOVEL DRUG DELIVERY SYSTEMS



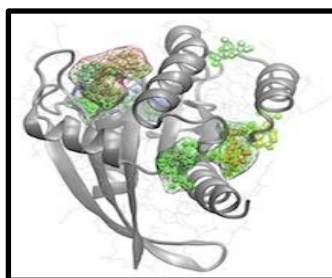
PHYTOCHEMISTRY



PHYTOPHARMACEUTICALS

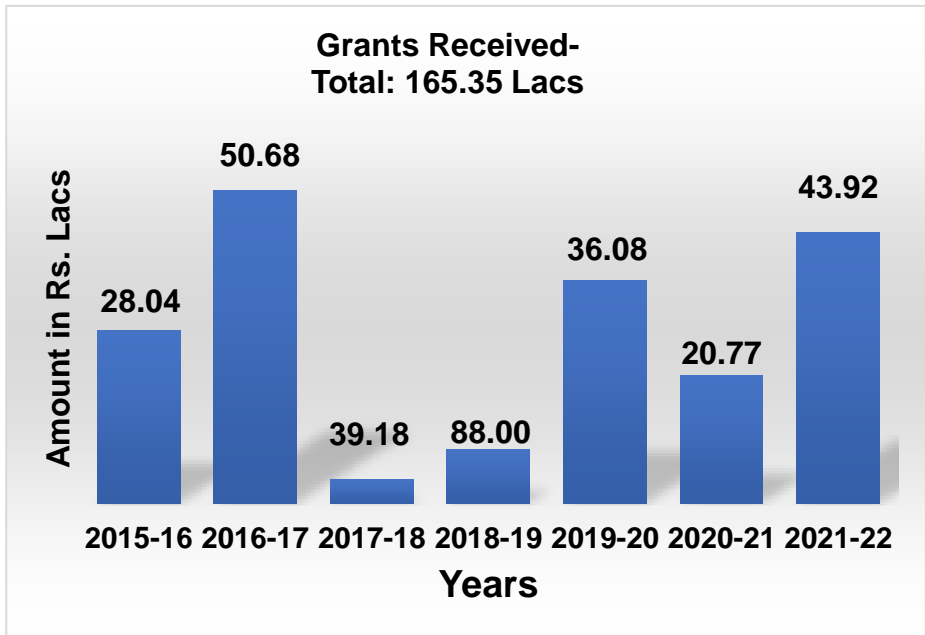


PHARMACOLOGY AND TOXICOLOGY



COMPUTER AIDED DRUG DESIGN (CADD)

Research, Innovation and Extension



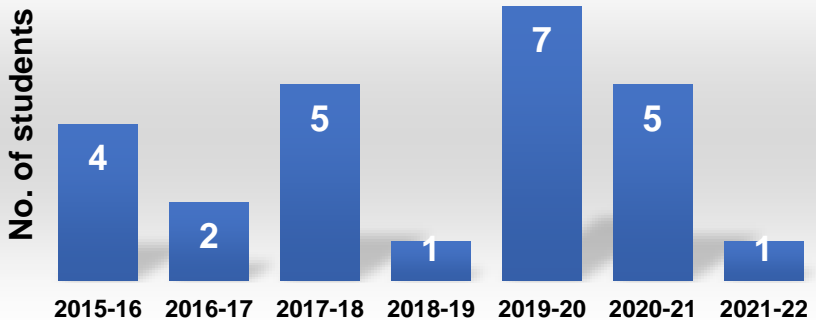
Funding Agencies	
UGC-BSR (Rs. 38,96,426/-)	Rajiv Gandhi Science and Technology Commission (RGSTC) (Rs. 35,88,600/-)
All India Council of Technical Education (AICTE) (Rs.1,00,000/-)	Indian Council of Medical Research (ICMR) (Rs. 20,77,121/-)
SUUTI (Rs.1,60,000/-)	Department of Science and Technology (DST-CURIE/PG) (Rs. 43,92,000/-)
UGC Centre of Canadian studies (Rs. 88,200/-)	CSIR-NMITLI (Rs. 8,000,00/-)
RUSA, MHRD (Rs. 25,00,000/-)	

Research, Innovation and Extension

MOU's signed

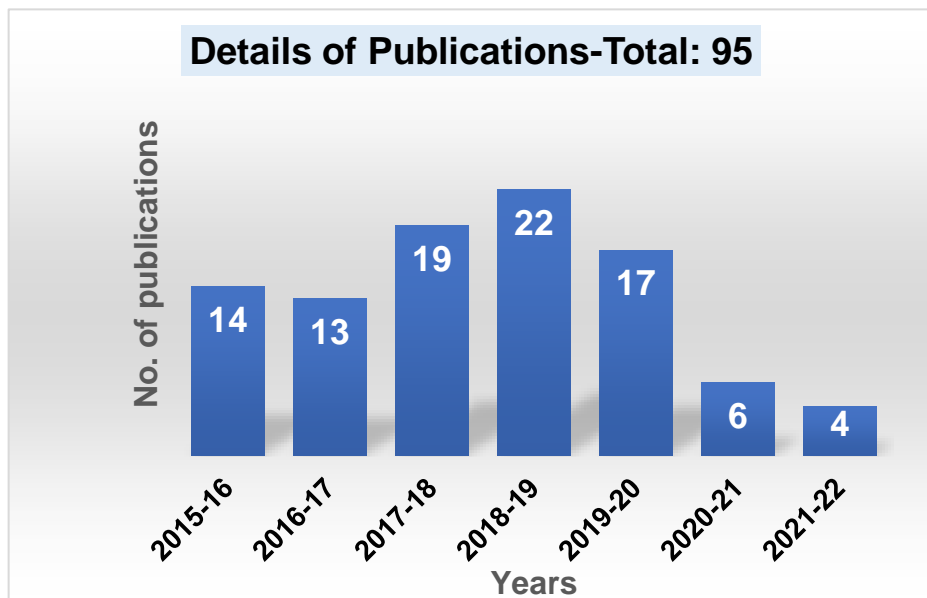
Sr. No.	Name of Organization	Year
1	Amsar Goa Pvt. Ltd	January 2017
2	Cyanopharm Research Centre (Uttan Vanoushadhi Sanshodhan Sanstha) Keshavsrushti	April 2019
3	Department of Botany, Thakur College Of Science & Commerce (TCSC)	April 2023
4	School of Pharmacy, Dr. Vishwanath Karad MIT World Peace University, Pune	April 2023

No. of PhD Students-Total: 25



Year	No. of Ph.D students
2015 - 16	4
2016 - 17	2
2017 - 18	5
2018 - 19	1
2019 - 20	7
2020 - 21	5
2021 - 22	1

Research, Innovation and Extension



Name of Faculty	H-index	No. of Citations
Dr. Pratima Tatke	17	1213
Dr. Milind Bhitre	5	141
Dr. Namita Desai	8	175
Dr. Minakshi Nehete	3	284
Dr. Prachi Mehendale	3	257
Dr. Rohini Waghmare	3	59
Dr. Tanmayee Joshi	3	59

Research, Innovation and Extension

Research Consultancy (Total amount= Rs. 5.1712 Lacs)

Name of funding agency	Principal Investigator	Title of Project	Amount (Rs.)	Year
Amsar Goa Pvt. Ltd.	Dr. Pratima Tatke	Antipyretic Activity of Fever few Extracts	50,,000	2017-18
Podar Ayurvedic Medical College	Dr. Pratima Tatke	Antipyretic Activity of Musta Kadi Formulations	50,000	2017-18
Industry/ Academia for analytical services	Dr. Pratima Tatke	Particle size and Zeta Analysis	23,000	2017-18
Abhinav Healthcare	Dr. Pratima Tatke	Repeated dose toxicity studies of medicated ghee Part I	40,000	2016-17
Abhinav Healthcare	Dr. Pratima Tatke	Repeated dose toxicity studies of medicated ghee Part II	40,000	2016-17
Amsar Goa Pvt. Ltd.	Dr. Pratima Tatke	Studies on liposomal formulations of phytoconstituents	60,000	2018-19
Aanalytical services	Dr. Supriya Mahajan	Particle size and Zeta Analysis	8,000	2018-19
Amsar Goa Pvt. Ltd.	Dr. Pratima Tatke	Development and evaluation of liposomal formulations of Curcumin	90,000	2018-19
Podar Ayurvedic Medical College	Dr. Pratima Tatke	Comparative study of physico-chemical characteristics and pharmacological activity of selected iron preparations	1,06,120	2018-19
Associated Capsules Group	Mrs. Rohini Waghmare	Development And Evaluation of Capsules of Bioactive Herbal Extracts	25,000	2018-19
Associated Capsules Group	Dr. Namita Desai	Solubility enhancement of certain cardiovascular drugs	25,000	2018-19

Research, Innovation and Extension



UGC sponsored One day Seminar on "Alternatives to animal experimentation" in March 2016



Half day Seminar in February 2018 on "I am Pharmacist, Do I know my industry?"



Dr. Harish S, from ICIBIO delivered lecture on Clinical Research & opportunities in January, 2019.



Seminar on "New products and applications in Capsule" by ACG Associated Capsules Pvt. Ltd. in February 2019.



Dr. Stephen Barton, Professor, Kingston University, UK delivered lecture on Optimizing Ambulatory Chemotherapy on in February, 2019.



Dr. Abhijeet Date, Asst. Professor, D. I. College of Pharmacy, USA delivered lecture on "Nanosuspensions for Local Delivery, in June, 2018.

Research, Innovation and Extension



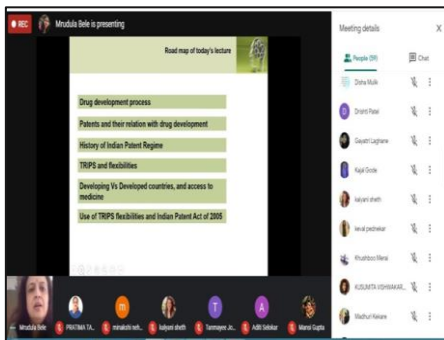
One day State level Seminar on "Management of stress and depression " in October 2019



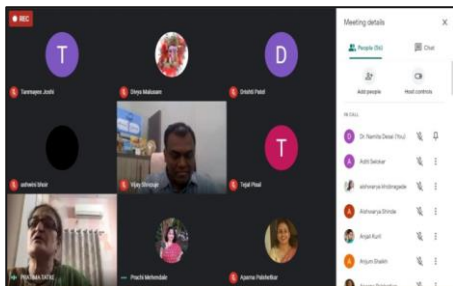
One day State level Seminar on "Applications of Mathematical Principles in Pharmaceutical Research" in December 2019



Science & Technology Exhibition 2020, on theme of "Women in science" in February 2020



"Patents and Access to medicine- An Indian Perspective" Webinar By: Dr. Mrudula Bele in December 2020.

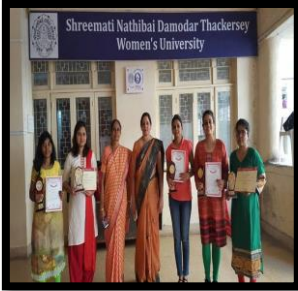


"Entrepreneurship and Innovation as Career opportunity" Webinar By: Vijay Shivpuje in December 2020.



Seminar on "New products and applications in Capsule" conducted with ACG Associated Capsules Pvt. Ltd. on February 2019.

Research, Innovation and Extension



Avishkar Winners
2015-16



Avishkar Winners
2016-17



Anveshan Winner
2018-19



Anveshan
Winners 2015-16



Second Prize at World
Ayurveda Congress
2016-17



Avishkar Winner
2019-20



First prize for at
Y.P.I.P. 2015-16



First Prize at IPC,
2017-18



First prize for at
Y.P.I.P., 2019-20

Research Awards



M. Pharm. Pharmaceuticals student, [Ms. Tanisha Rangnekar](#) presented a research paper in **AVISHKAR 2023** organized by **Savitribai Phule Pune University, Pune** in the category of Agriculture and Animal Husbandry at PG level.

Post to AVISHKAR 23 she was called for oral online presentation by **Incubation Centre of Raj bhavan** and got selected for final poster presentation on **26th January 23** at **Rajbhavan**. The poster was presented in front of Governor of Maharashtra, Chief minister of Maharashtra, Minister of Skills and Entrepreneurship , Vice Chancellors of different Maharashtra State Universities.

FACULTY PROFILE AND PUBLICATIONS

LIST OF FACULTY MEMBERS

Sr. No.	Faculty name	Designation	Experience (years)	No. of Publications	No. of patents
1	Dr. Pratima Tatke	Principal & Professor	33	29	01 granted 03 Filed
2	Dr. Milind Bhitre	Assoc. Prof.	26	14	01, Filed
3	Dr. Namita Desai	Assoc. Prof.	16	10	-
4	Dr. Minakshi Nehete	Asst. Prof.	16	12	01, Filed
5	Dr. Prachi Mehendale	Asst. Prof	16	02	-
6	Dr. Tanmayee Joshi	Asst. Prof	12	07	-
7	Dr. Rohini Waghmare	Asst. Professor	12	04	01, Filed
8	Dr. Aparna Palshetkar (2013-2020)	Asst. Prof.	7	06	-
9	Dr. Rachana Punjabi (2018-2020)	Assoc. Professor	5	03	-
10	Ms Kalyani Sheth (2016-Till date)	Asst. Professor	11	07+1 book	-
11	Ms. Shraddha Joshi (2021-till date)	Asst. Professor	11	03	-
12	Dr. Savita Kulkarni (2021-2022)	Assoc. Professor	38	20	-
13	Dr. Sunita Ranade (2022-till date)	Assoc. Professor	20 (Industry)+ 1.5 (Acad)	04	-

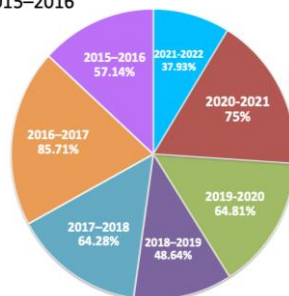
STUDENT SUPPORT AND PROGRESSION

Year	Total Students	Placements		Higher studies
2021-2022	63	22	37.93 %	5
2020-2021	42	24	75.00 %	15
2019-2020	60	35	64.81%	6
2018-2019	54	18	48.64 %	17
2017-2018	36	18	64.28 %	8
2016-2017	31	12	85.71 %	17
2015-2016	36	16	57.14 %	8

Student Support

- Career guidance lectures conducted regularly
- Teaching Remedial subjects (Mathematics, Biology) to students
- Grievance redressal cell
- Anti ragging committee
- Placement cell
- Financial support by offering scholarships from Non Government organisations such as IPA Amrut Mody award, G.P.Bajaj Scholarship, Blue Cross Labs. Scholarships, Vidyasarthi Scholarship.

● 2021-2022 ● 2020-2021 ● 2019-2020
● 2018-2019 ● 2017-2018 ● 2016-2017
● 2015-2016



Best Practices

Environment Friendly Practices

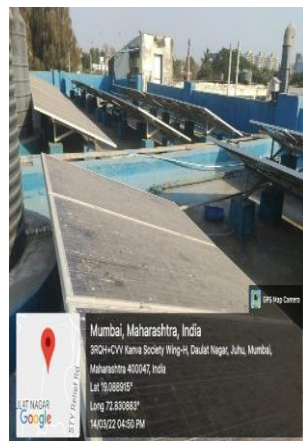
- Medicinal Plant Garden
- Disposal of bio-waste as per BMC Guidelines
- Recycling of organic solvents using Soxhlet extraction
- Use of newer techniques for extraction of crude drugs and synthesis to minimize usage of organic solvents
- Use of solar power to minimize pollution
- Use of LED lights in college to save energy



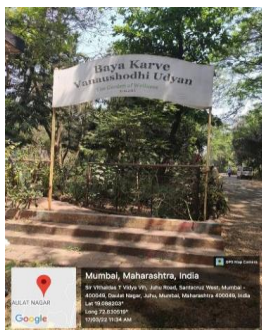
Soxhlet
Extraction



Non-Chlorinated
bags for Bio waste



Solar panels



Medicinal Plant
Garden



Storage of sodium
immersed in kerosene



Use of LED Lights

Best Practices

Community Outreach:

- Tree plantation
- Blood donation
- Participation in Beach Clean-Up
- Community Pharmacy Practice
- Student Drive for Leprosy Patients



Student drive for Financial help of Leprosy Patients



Blood Donation camp



Community Pharmacy Practice



Tree Plantation Drive 11-12



Tree Plantation Drive 19-20



Beach Clean-Up Drive with Rotary Club

Achievements of the Institute

C. U. Shah college of Pharmacy established **Institution Innovation Council (IIC)** by Innovation Cell, Ministry of HRD, Govt. of India on 1st November 2018.

Year	Stars
2018-19	3 Stars
2019-20	4.5 Stars
2020-21	3 Stars
2021-22	3 Stars



3 Stars in 2018-2019



4.5 Stars in 2019-2020



3 Stars in 2020-2021



3 Stars in 2021-2022

Achievements of the Institute

C. U. Shah college of Pharmacy participated in the National Institute Ranking Framework from 2019. Institute received rank band of 75-100 in the year 2019 among pharmacy institutes in India.

Year	Rank
2019	Rank Band 75-100
2020	65 th Position
2021	66 th Position
2022	99 th Position



Ranked **65th** position in
NIRF, 2020



Ranked **66th** position in
NIRF, 2021



Ranked **99th** position in **NIRF, 2022**

Contribution in Covid Pandemic

Preparation and distribution of hand sanitizers to staff members Directorate of Technical Education (DTE) in the month of March and May 2020.



Naushin Shaikh-Final Yr. B. Pharm Student worked as an assistant, Covid Care Centre, Varoda



Aditi Mehendale - T.Y.B.Pharm. Student worked as Covid vaccination influencer



Jayshree Chavan, M. Pharm student worked at Covid Hospital



Online quiz was conducted to generate awareness amongst students

Functioning during Covid:

- Online lectures on virtual platforms such as Google Meet, zoom etc.
- Online practical using simulation software, freely available virtual platforms
- Online quiz and exams using Google forms, testmoz etc.
- Counselling of students through virtual platforms for boosting their morale and calming their anxieties regarding exams etc.
- Issuing separate letters for animal house staff and research scholars

EMINENT ALUMNI

DISTINGUISHED ALUMNI IN ACADEMIA



Dr. Krishnapriya M.
Professor , Bombay
College of Pharmacy
B. Pharm.-1988



Dr. Mariam Degani
Professor, Pharm.
Sciences & Technology,
ICT.
Ph. D.-1998



Dr. Tabassum Khan
Professor and HOD,
Pharm. Chemistry,
BNCP
M. Pharm.-1993



**Dr. Meena
Chintamaneni**
Pro-VC , NMIMS
University
Ph. D. -2003



Dr. Abha Doshi
Principal, MET
College of Pharmacy
Ph.D.-1997



Dr. Sudha Rathod
Principal, Oriental
College of Pharmacy
Ph.D.-1996

EMINENT ALUMNI

DISTINGUISHED ALUMNI IN PHARMA. INDUSTRY



Dr. Kavita Inamdar
President, R&D, Indoco
Remedies, Mumbai Ph.D.-
1996



Ms. Geena Malhotra
Global Chief Technology
Officer, Cipla Ltd.
B. Pharm.-1985



Dr. Deepali Deshmukh,
Technical Head-External
Supply India, Glaxo
B. Pharm -1995



Dr. Rekha Vartak,
Associate Professor G,
TIFR,
B. Pharm.-1984



Ms. Kalpana Pai Head
Commercial Excellence-
Biocon Biologics
B. Pharm-1995



Ms. Sonali Vartak
Director (DPI
Analytical) Global
Respiratory, Cipla B.
Pharm-1999

EMINENT ALUMNI

DISTINGUISHED ALUMNI ABROAD



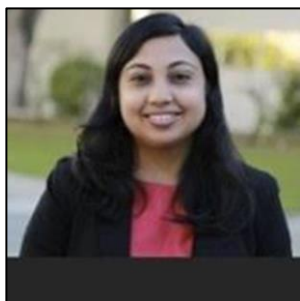
Dr. Medha Kelkar
Global Studies
Leader at
Hoffmann-La
Roche Canada
B. Pharm-1984



**Dr. Manavi
Sharma** Asst. Prof,
in Pharmacy
Administration,
University of
Mississippi, USA
B. Pharm-2001



Dr. Rina Choksi
Global Commercial
Marketing
Director, IFF, USA
B. Pharm- 1997



Dr. Priya Ganesan
Scientist,
Oncology at
Amgen, USA
B. Pharm-2009



Monisha Jhirad
Community
Pharmacist,
Certified Diabetes
Educator, Canada
B. Pharm-1986



Dr. Chitra Vaidya
Dana Farber
Cancer Institute,
Harvard Medical
School, Boston,
B. Pharm-1984

EMINENT ALUMNI

DISTINGUISHED ALUMNI AS ENTREPRENEURS



Ujwal Purohit
Director- UPS
Hygiences Pvt.Ltd.
B. Pharm-1989



Dr. Yogita Kodgule
Director-IQGEN-X
Pharma
Ph. D.-1999



Neeta Adappa
Founder-Prakriti
Herbals
B. Pharm.-1989





Dr. Supriya Hyam
Proprietor Urjayu
Wellness Centre
Ph. D.-2012



Ms. Gauri Chaudhari
Co-founder-Brand
Innerworld
B. Pharm.-1990

SWOC Analysis

<p>Strengths:</p> <ul style="list-style-type: none">➤ Research informed teaching➤ Research active faculty➤ Funded projects from Government➤ Availability of sophisticated instruments for research 	<p>Opportunities:</p> <ul style="list-style-type: none">➤ More collaborative research projects with industries➤ Establishing cell culture facility, sophisticated instrumentation center and pilot plant set up➤ Developing International linkages 
<p>Weakness:</p> <ul style="list-style-type: none">➤ Laboratories need to be updated➤ Vacant Teaching and non-teaching posts 	<p>Challenges:</p> <ul style="list-style-type: none">➤ Timely delivery with limited supporting staff➤ To execute research projects with time lines in an academic set up 

Future Plans

- **Renovation and Upgradation of Building**
- **New Programmes / Courses - M. Pharm. Pharmacology, PG diploma in Cosmetic Science, Certificate course in Herbal Formulations**
- **Establishing Cell Culture Lab**
- **Establishing National and International Linkages**





एस्. एन्. डी. टी. महिला विद्यापीठ

* कुलगीत *

“संस्कृता स्त्री पराशक्ति” स्वर हमारा है
विश्व है परिवार, भारत घर हमारा है।
हम नहीं हैं दीन, कहता कौन हम अबला
हैं सबल संस्कृति हमारी, हम सभी सबला
ज्योती से जगमग हुआ, अंतर हमारा है।।
स्वप्न ठाकरसी हुआ साकार है इसमें
महर्षि कर्वे तपस्या - सार है इसमें
हम दिशाएँ और यह दिनकर हमारा है।।
“संस्कृता स्त्री पराशक्ति” स्वर हमारा है
विश्व है परिवार, भारत घर हमारा है।



Booklet Committee

- **Prof. Medha Tapiawala, Dean, Faculty of Humanities**
- **Mr. Mehul Khale, PRO**
- **Mr. Shrikant Salekar, Jr. Stenographer**

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