

Name of the Institution / Institution ID		Institute Of Chemical Technology Autonomous Nathalal Parikh Marg Matunga Mumbai / PCI-897				
Institute Type		existing		Year of Establishment of Institute		1947
Course	Starting of Course (Academic Session)	Extension of approval		Raise in Admission	Introduction of New Course	
		Conduct	u/s 12	Number of admissions requested	Yes/No	Intake
B.Pharm	1959 - 1960	<input type="checkbox"/>	<input checked="" type="checkbox"/>	18	<input type="checkbox"/>	
M.Pharm Pharmaceutics	1965 - 1966	<input checked="" type="checkbox"/>		6	<input type="checkbox"/>	
M.Pharm Pharmaceutical Chemistry	1965 - 1966	<input checked="" type="checkbox"/>		6	<input type="checkbox"/>	
M.Pharm Pharmacology	1965 - 1966	<input checked="" type="checkbox"/>		3	<input type="checkbox"/>	
M.Pharm Pharmacognosy	1965 - 1966	<input checked="" type="checkbox"/>		3	<input type="checkbox"/>	

Institutional Information

Upload the documentary evidence of PCI Approval

View

Are any other college in the same campus

No

Name of the college

Running since when

0

Whether the infrastructure is shared

House no./ Bld. No./ Apt. No

ICT

Street/ Road/ Lane

Nathalal Parekh Marg

Area/locality/sector

Matunga, Mumbai

Landmark

Near Khalsa College

State/UT

MAHARASHTRA

District

MUMBAI

Block

Gram Panchayat

Wadala

Village

MUMBAI

Police Station

Wadala

Pin Code

400019

Post Office

Wadala

Telephone No

33611005

STD code

022

Fax No

33611020

Email ID

sv.joshi@ictmumbai.edu.in

Web site of institution

www.ictmumbai.edu.in

Nearest Railway Station

Matunga

Airport

Chhatrapati Shivaji International Airport

Details of the Society/Trust/ Management

Status of the course conducting body

govt

Name, address of the Society/Trust/ Management

Nathalal Parekh Marg

House no./ Bld. No./ Apt. No

ICT

Street/ Road/ Lane

Nathalal Parekh Marg

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MUMBAI

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Wadala

Pin Code

400019

Post Office

Wadala

Telephone No

33611005

STD code

022

Mobile No

9833090510

Fax No

33611020

Email ID

vc@ictmumbai.edu.in

Web site of trust/society

www.ictmumbai.edu.in

Nearest Railway Station

Matunga

Airport

Chhatrapati Shivaji International Airport

Registration certificate of the society

View

Details of Head of Institution

Appointment letter

View

Name of the Head of the Institution

Professor Aniruddha B. Pandit

House no./ Bld. No./ Apt. No

ICT Main Building

Street/ Road/ Lane

Nathalal Parekh Marg

Area/locality/sector

Matunga, Mumbai

Landmark

Near Khalsa College

State/UT

MAHARASHTRA

District

MUMBAI

Block

Gram Panchayat

Wadala

Village

MUMBAI

Police Station

Wadala

Pin Code

400019

Post Office

Wadala

Telephone No

33611001

STD code

022

Mobile No

9820408037

Fax No

33611020

Email ID

vc@ictmumbai.edu.in

Nearest Railway Station

Matunga

Airport

Chhatrapati Shivaji International Airport

Course	Approval For	Approval												
		Course conduct					Approval u/s 12 in the 1st instance				Extension upto u/s 12			
		Year	Academic Session	Intake	Actually Admitted	Sanctioned Intake	From - To (Academic Session)	Intake	Actually Admitted	Sanctioned Intake	Academic Session	Intake	Actually Admitted	Sanctioned Intake
B.Pharm	extension										2020 - 2021	30	34	30

M Pharm (Specializations)	Approved Intake
M.Pharm Pharmaceutics	6
M.Pharm Pharmaceutical Chemistry	6
M.Pharm Pharmacology	3
M.Pharm Pharmacognosy	3

Uploaded Last IR with compliance

[View](#)

Details of Pharmacy Educations Regulatory Charges for Affiliation Paid

Name of The Course	Pharmacy Educations Regulatory Charges for Affiliation Paid up to
B.Pharm	2021
M.Pharm Pharmaceutics	2021
M.Pharm Pharmaceutical Chemistry	2021
M.Pharm Pharmacology	2021
M.Pharm Pharmacognosy	2021

Uploaded Proof of Pharmacy Educations Regulatory Charges for Affiliation paid

[View](#)

Pending Service Tax Paid

No

D.D Number

D.D Date

Amount(Rs.)

Admission details for the Past Three Years for the courses conducted by the institution

Name of The Course	Sanctioned intake			Actual No. of Admissions			Remarks
	2021 - 2022	2020 - 2021	2019 - 2020	2021 - 2022	2020 - 2021	2019 - 2020	
B.Pharm	30	30	30	0	21	34	First year admission still in progress
M.Pharm Pharmaceutics	6	6	6	0	6	6	
M.Pharm Pharmaceutical Chemistry	6	6	6	0	6	6	
M.Pharm Pharmacology	3	3	3	0	2	3	
M.Pharm Pharmacognosy	3	3	3	0	2	3	

Details of Examining Authority for the course

Name of The Course	Examine Authority	Email	Phone Number
B.Pharm	The Registrar Institute of Chemical Technology Deemed University us UGC Act N P Margh Matunga E Mumbai	registrar@ictmumbai.edu.in	02233612222
M.Pharm Pharmaceutics	The Registrar Institute of Chemical Technology Deemed University us UGC Act N P Margh Matunga E Mumbai	registrar@ictmumbai.edu.in	02233612222
M.Pharm Pharmaceutical Chemistry	The Registrar Institute of Chemical Technology Deemed University us UGC Act N P Margh Matunga E Mumbai	registrar@ictmumbai.edu.in	02233612222
M.Pharm Pharmacology	The Registrar Institute of Chemical Technology Deemed University us UGC Act N P Margh Matunga E Mumbai	registrar@ictmumbai.edu.in	02233612222
M.Pharm Pharmacognosy	The Registrar Institute of Chemical Technology Deemed University us UGC Act N P Margh Matunga E Mumbai	registrar@ictmumbai.edu.in	02233612222

Accreditation Information

Accredited by NBA

☒ Yes ☐ No

Accreditation From

31-07-2016

Accreditation Till

31-07-2021

[Click to View NBA Approved Document](#)

Accredited by NAAC

☒ Yes ☐ No

Accreditation From

27-11-2017

Accreditation Till

26-11-2022

[Click to View NAAC Approved Document](#)

Infrastructure Details

Independent Building Status

YES

Remarks

YES

Separate Campus Status

YES

Remarks

YES

Wing of another college Status	YES	Remarks	NO
Multi Institutional Campus Status	YES	Remarks	CAMPUS THREE LOCATION
Whether other Educational Institutions/Courses are also being run by the Trust / Institution in the same Building / campus?	NO	Remarks	NO
Availability of Land	2.0 acres District HQ/Corporation/Municipality limit	Status	YES
Remarks	FIFTEEN POINT FIVE ACRES	Land Details to be in name of Trust and Society(Records to be enclosed)	Leased
		Trust and Society Document	View
Sale Deed Document	View	Remarks	Not applicable
Approved Building Plan Document	View	Remarks	Uploaded
Total Builtup area of the institution	59334		
Instructional area	33772	Instructional area Document	View
Administrative area	625	Administrative area Document	View
Amenities area	1200	Amenities area Document	View
Circulation area	9800	Circulation area Document	View

Number of Class Rooms

Name of The Course	Required Area	Required No's	Available No's	Available Area in (Sq.mts)
B.Pharm	75 Sqmts	2	4	1483
M.Pharm Pharmaceuticals	75 Sq.mts	1	1	200
M.Pharm Pharmaceutical Chemistry	75 Sq.mts	1	1	515
M.Pharm Pharmacology	75 Sq.mts	1	1	567
M.Pharm Pharmacognosy	75 Sq.mts	1	1	200

Laboratory Requirement Details

S.No	Total courses run by the Institution	No. of Intake	Dept of Pharmaceutics		Dept of Pharmaceutical Chemistry		Dept of Pharmacology		Dept of Pharmacognosy		Dept of Pharmacy Practice		Dept of Pharmaceutics		Dept of Pharmaceutical Chemistry		Dept of Pharmacology		Dept of Pharmacognosy		Dept of Pharmacy Practice		Total
			No.Labs Req	No.Labs Avbl	No.Labs Req	No.Labs Avbl	No.Labs Req	No.Labs Avbl	No.Labs Req	No.Labs Avbl	No.Labs Req	No.Labs Avbl	Required area	Available area	Required area	Available area	Required area	Available area	Required area	Available area	Required area	Available area	
1	B.Pharm	60	3	3	4	4	3	3	2	2	0	0	75	93	75	284	75	60	75	64	75	0	12
2	M.Pharm Pharmacognosy	15	0	0	0	0	0	0	2	2	0	0	75	0	75	0	75	60	75	104	75	0	2
3	M.Pharm Pharmacology	15	0	0	0	0	2	2	0	0	0	0	75	0	75	0	75	208	75	64	75	0	2
4	M.Pharm Pharmaceutical Chemistry	15	0	0	2	3	0	0	0	0	0	0	75	0	75	453	75	0	75	0	75	0	2
5	M.Pharm Pharmaceutics	15	2	3	0	0	0	0	0	0	0	0	75	300	75	0	75	0	75	0	75	0	2

Common Facilities

InfraStructure Details	Requirement As per Norms	Available No's	Available Area Sqmt's
Preparation Room for each lab (One room can be shared by two labs, if it is in between two labs)	10 sq mts (minimum)	0	0
Area of the Machine Room	80-100 Sq.mts	1	160
Central Instrumentation Room	80 Sq.mts with A/ C	1	100
Store Room - I	1 (Area 100 Sq mts)	1	150
Store Room - II (For Inflammable chemicals)	1 (Area 20 Sq mts)	1	50
First aid room	10 Sq.mts	0	0
Museum	50 Sq.mts	1	10
Animal house	80 Sq.mts	1	174
Auditorium	250 to 300 Seating capacities	1	864
Seminar hall	100 Seating capacity with AC facility	1	175
Herbal Garden (Desirable)	Adequate Number of Medicinal Plants	1	100
Girl's Common Room (Essential)	60 Sq.mts	1	80
Boy's Common Room (Essential)	60 Sq.mts	1	70
Toilet Blocks for Boys	0.8 Sq.mt/student	2	30
Toilet Blocks for Girls	0.8 Sq.mt/student	2	30
Drinking Water facility - Water Cooler (Essential).		2	10

Boy's Hostel (Desirable)	9 Sq .mts / Room Single occupancy	3	12072
Gir's Hostel (Desirable)	9 Sq .mts / Room (single occupancy) 20 Sq mts / Room (triple occupancy)	2	2485
Power Backup Provision (Desirable)		0	2

Computer And Other Facilities

Item Name	Required	Available No.	Available Area (in Sq mts)
Computer Room for B.Pharm Course	01 (Area 75 Sq mts)	1	100
Computer (Latest Configuration)	1 system for every 10 students	95	0
Printers	1 printer for every 10 computers	10	0
Multi Media Projector	01	10	0
Generator (5KVA)	01	1	0

Amenities Details

Amenities (Desirable) Name	Requirement as per Norms (in area)	Available No.	Available Area (in Sq mts)
Principal quarters	80 Sq. mts	1	300
Staff quarters	16 x 80 Sq. mts	21	1580
Canteen	100 Sq. mts	1	150
Parking Area for staff and students		3	500
Bank Extension Counter		0	0
Co operative Stores		0	0
Guest House	80 Sq. mts	6	200
Transport Facilities for students		0	0
Medical Facility (First Aid) Essential		1	0

LABORATORIES

Gas supply	YES	Electricity supply	YES
Water supply	YES		

Name of The Lab	No Of Labs	Area of Lab(Sq.Mts)
Pharmaceutical Biotechnology Lab	1	63
Pharmacology Research Lab One	1	74
Pharmacology Research Lab Two	1	37
Pharmacology Research Lab Three	1	37
Pharmacology	1	60
Pharmacognosy Lab	1	64
Pharmaceutical Chemistry I and Biochemistry II	1	223
Pharmaceutics	1	93
Process Technology	1	61
Aseptic Laminar Flow Facility	1	8
Machine Room	1	60
Pharmacognosy Research Lab	1	60
Pharmaceutics Research Lab I	1	30
Pharmaceutics Research Lab II	1	81
Pharmaceutics Research Lab III and IV	1	96
Pharmaceutical Chemistry Research Laboratory I	1	65
Pharmaceutical Chemistry Research Laboratory II	1	40
Pharmaceutical Chemistry Research Laboratory III	1	25
Nano Drug Delivery and Drug Discovery Laboratory	2	160
Animal House	1	102
Pharmaceutical Chemistry Research Laboratory IV	1	39
Biotechnology Research Lab	1	39

PHYSICAL INFRASTRUCTURE

Own Building	YES	Rented Building	NO
No. of Class rooms	31		
		Administration area like	
Museum	YES	Machine room	YES
Preparation room	YES	Store room	YES
Library	YES	Principal room	YES
Staff room	YES		

CURRICULUM

Name of The Course	Sanctioned Intake	Student:Staff Ration Theory	Student:Staff Ration Practical	Examination Scheme	Date of Commencement	Date of Completion	
B.Pharm	30	30:1	15:1	semester	20-07-2020	15-05-2021	
M.Pharm Pharmaceutics	6	2:1	1:2	semester	20-07-2020	15-05-2021	
M.Pharm Pharmaceutical Chemistry	6	1:2	1:2	semester	20-07-2020	15-05-2021	
M.Pharm Pharmacology	3	1:2	1:2	semester	20-07-2020	15-05-2021	
M.Pharm Pharmacognosy	3	1:2	1:2	semester	20-07-2020	15-05-2021	

(Required ratio - Theory -> 60:1 and Practicals -> 20:1)

(If there are more than 20 students in a batch 2 staff members to be present provided the lab is spacious)

Whether PCI curriculum is adopted? [Yes](#)

Enclose Calendar of Events [View](#)

Enclose Time Table for all courses [View](#)

Whether the prescribed numbers of classes are being conducted as per PCI norms






Name of the Course	Semester	Name of The Subject	Theory		Practical		Tutorials	
			Prescribed No of Hours	No of Hours Conducted	Prescribed No of Hours	No of Hours Conducted	Prescribed No of Hours	No of Hours Conducted
1 B.Pharm								
	1	Human Anatomy & Physiology	45	0	60	0	15	0
	1	Pharmaceutical Analysis - I	45	0	60	0	15	0
	1	Pharmaceutics-I	45	0	60	0	15	0
	1	Pharmaceutical Inorganic Chemistry	45	0	60	0	15	0
	1	Communication skills	30	0	30	0	0	
	1	Remedial Biology	30	0	30	0	0	
	1	Remedial Mathematics	30	0	0	0	0	
	2	Human Anatomy and Physiology - II	45	0	60	0	15	0
	2	Pharmaceutical Organic Chemistry - I	45	0	60	0	15	0
	2	Biochemistry	45	0	60	0	15	0
	2	Pathophysiology	45	0	0	0	15	0
	2	Computer Applications in Pharmacy	45	0	30	0	0	
	2	Environmental sciences	45	0	0	0	0	
2 B.Pharm								
	3	Pharmaceutical Organic Chemistry II	45	0	60	0	15	0
	3	Physical Pharmaceutics I	45	0	60	0	15	0
	3	Pharmaceutical Microbiology	45	0	60	0	15	0
	3	Pharmaceutical Engineering	45	0	60	0	15	0
	4	Pharmaceutical Organic Chemistry - III	45	0	0	0	15	0
	4	Medicinal Chemistry - I	45	0	60	0	15	0
	4	Physical Pharmaceutics - II	45	0	60	0	15	0
	4	Pharmacology - I	45	0	60	0	15	0
	4	Pharmacognosy and Phytochemistry - I	45	0	60	0	15	0
	3	Computer Applications in Pharmacy	45	0	30	0	0	
3 B.Pharm								
	5	Medicinal Chemistry - II	45	0	0	0	15	0
	5	Industrial Pharmacy - I	45	0	60	0	15	0
	5	Pharmacology - II	45	0	60	0	15	0
	5	Pharmacognosy and Phytochemistry - II	45	0	60	0	15	0
	5	Pharmaceutical Jurisprudence	45	0	0	0	15	0
	6	Medicinal Chemistry - III	45	0	60	0	15	0
	6	Pharmacology - III	45	0	60	0	15	0
	6	Herbal Drug Technology	45	0	60	0	15	0
	6	Biopharmaceutics and Pharmacokinetics	45	0	0	0	15	0
	6	Pharmaceutical Biotechnology	45	0	0	0	15	0
	6	Quality Assurance	45	0	0	0	15	0
4 B.Pharm								
	7	Instrumental Methods of Analysis	45	0	60	0	15	0




	7	Industrial Pharmacy - II	45	0	0	0	15	0
	7	Pharmacy Practice	45	0	0	0	15	0
	7	Novel Drug Delivery System	45	0	0	0	15	0
	7	Practice School	0	0	180	0	0	
	8	Biostatistics and Research Methodology	45	0	0	0	15	0
	8	Social and Preventive Pharmacy	45	0	0	0	15	0
	8	Pharma Marketing Management	45	0	0	0	0	
	8	Pharmaceutical Regulatory Science	45	0	0	0	0	
	8	Pharmacovigilance	45	0	0	0	0	
	8	Quality Control and Standardization of Herbals	45	0	0	0	0	
	8	Computer Aided Drug Design	45	0	0	0	0	
	8	Cell and Molecular Biology	45	0	0	0	0	
	8	Cosmetic Science	45	0	0	0	0	
	8	Experimental Pharmacology	45	0	0	0	0	
	8	Advanced Instrumentation Techniques	45	0	0	0	0	
	8	Dietary Supplements and Nutraceuticals	45	0	0	0	0	
	8	Project Work	0	0	180	0	0	
1 M.Pharm Pharmaceutics								
	1	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	1	Drug Delivery System	60	0	0	0	0	
	1	Modern Pharmaceutics	60	0	0	0	0	
	1	Regulatory Affair	60	0	0	0	0	
	1	Pharmaceutics Practical - I	0	0	180	0	0	
	2	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	60	0	0	0	0	
	2	Advanced Biopharmaceutics & Pharmacokinetics	60	0	0	0	0	
	2	Computer Aided Drug Delivery System	60	0	0	0	0	
	2	Cosmetic and Cosmeceuticals	60	0	0	0	0	
	2	Pharmaceutics Practical II	0	0	180	0	0	
2 M.Pharm Pharmaceutics								
	3	Research Methodology and Biostatistics	60	0	0	0	0	
	3	Journal club	0	0	15	0	0	
	3	Discussion / Presentation (Proposal Presentation)	0	0	30	0	0	
	3	Research Work	0	0	420	0	0	
	4	Journal club	0	0	15	0	0	
	4	Research Work	0	0	465	0	0	
	4	Discussion / Presentation (Proposal Presentation)	0	0	30	0	0	
1 M.Pharm Pharmaceutical Chemistry								
	1	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	1	Advanced Organic Chemistry -I	60	0	0	0	0	
	1	Advanced Medicinal Chemistry	60	0	0	0	0	
	1	Chemistry of Natural Products	60	0	0	0	0	
	1	Pharmaceutical Chemsitry Practical - I	0	0	180	0	0	
	2	Advanced Spectral Analysis	60	0	0	0	0	
	2	Advanced Organic Chemistry -II	60	0	0	0	0	

	2	Computer Aided Drug Design	60	0	0	0	0	
	2	Pharmaceutical Process Chemistry	60	0	0	0	0	
	2	Pharmaceutical Chemsitry Practical - II	0	0	180	0	0	
2 M.Pharm Pharmaceutical Chemistry								
	3	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	3	Advanced Organic Chemistry -I	60	0	0	0	0	
	3	Advanced Medicinal Chemistry	60	0	0	0	0	
	3	Chemistry of Natural Products	60	0	0	0	0	
	3	Pharmaceutical Chemsitry Practical - I	0	0	180	0	0	
	4	Advanced Spectral Analysis	60	0	0	0	0	
	4	Advanced Organic Chemistry -II	60	0	0	0	0	
	4	Computer Aided Drug Design	60	0	0	0	0	
	4	Pharmaceutical Process Chemistry	60	0	0	0	0	
	4	Pharmaceutical Chemsitry Practical - II	0	0	180	0	0	
1 M.Pharm Pharmacology								
	1	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	1	Advanced Pharmacology-I	60	0	0	0	0	
	1	Pharmacological and Toxicological Screening Methods-I	60	0	0	0	0	
	1	Cellular and Molecular Pharmacology	60	0	0	0	0	
	1	Pharmacology Practical - I	0	0	180	0	0	
	2	Advanced Pharmacology-II	60	0	0	0	0	
	2	Pharmacological and Toxicological Screening Methods-II	60	0	0	0	0	
	2	Principles of Drug Discovery	60	0	0	0	0	
	2	Experimental Pharmacology Practical - II	60	0	0	0	0	
	2	Pharmacology Practical - II	60	0	0	0	0	
2 M.Pharm Pharmacology								
	3	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	3	Advanced Pharmacology-I	60	0	0	0	0	
	3	Pharmacological and Toxicological Screening Methods-I	60	0	0	0	0	
	3	Cellular and Molecular Pharmacology	60	0	0	0	0	
	3	Pharmacology Practical - I	0	0	180	0	0	
	4	Advanced Pharmacology-II	60	0	0	0	0	
	4	Pharmacological and Toxicological Screening Methods-II	60	0	0	0	0	
	4	Principles of Drug Discovery	60	0	0	0	0	
	4	Experimental Pharmacology Practical - II	60	0	0	0	0	
	4	Pharmacology Practical - II	60	0	0	0	0	
1 M.Pharm Pharmacognosy								
	1	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	1	Advanced Pharmacognosy-1	60	0	0	0	0	
	1	Phytochemistry	60	0	0	0	0	

	1	Industrial Pharmacognostical Technology	60	0	0	0	0	
	1	Pharmacognosy Practical - I	0	0	180	0	0	
	2	Medicinal Plant biotechnology	60	0	0	0	0	
	2	Advanced Pharmacognosy-II	60	0	0	0	0	
	2	Indian system of medicine	60	0	0	0	0	
	2	Herbal cosmetics	60	0	0	0	0	
	2	Pharmacognosy Practical - II	60	0	0	0	0	
2 M.Pharm Pharmacognosy								
	3	Modern Pharmaceutical Analytical Techniques	60	0	0	0	0	
	3	Advanced Pharmacognosy-1	60	0	0	0	0	
	3	Phytochemistry	60	0	0	0	0	
	3	Industrial Pharmacognostical Technology	60	0	0	0	0	
	3	Pharmacognosy Practical - I	0	0	180	0	0	
	4	Medicinal Plant biotechnology	60	0	0	0	0	
	4	Advanced Pharmacognosy-II	60	0	0	0	0	
	4	Indian system of medicine	60	0	0	0	0	
	4	Herbal cosmetics	60	0	0	0	0	
	4	Pharmacognosy Practical - II	60	0	0	0	0	

Accepted Faculties

S.No	Full Name	Email	Department Name	Qualification	Teaching Experience	Date of Joining	Designation	Mobile	Pharmacist Registration No.	Validity of Registration	Photo
1	Archana Ramesh Juvekar	juvekar.archana@gmail.com	Dept of Pharmacology	B.Pharm	35 years 4 mons 16 days	14-08-1986	Professor	10552	22-02-2029	9870009227	
2	Ganesh U Chaturbhuj	gu.chaturbhuj@ictmumbai.edu.in	Dept of Pharmaceutical Chemistry	B.Pharm, D.Pharm, M.Pharm Pharmaceutical Chemistry, Ph D	31 years 4 mons 2 days	29-04-2006	Associate Professor	54508	31-12-2029	9594246780	
3	Hemchandra Keshav Chaudhari	hk.chaudhari@ictmumbai.edu.in	Dept of Pharmaceutical Chemistry	B.Pharm, M.Pharm Pharmaceutical Chemistry	6 years 9 mons 5 days	25-03-2015	Assistant Professor	79208	31-12-2019	9821198106	
4	Kirti S Laddha	ks.laddha@ictmumbai.edu.in	Dept of Pharmacognosy	B.Pharm, M.Pharm Pharmacognosy, Ph D	32 years 2 days	28-12-1989	Professor	12699	31-12-1987	9004600039	
5	Mariam Soheli Degani	msdegani@gmail.com	Dept of Pharmaceutical Chemistry	B.Pharm, M.Pharm Pharmaceutical Chemistry, PhD Tech	36 years 5 mons 38 days	06-10-1998	Professor	15740	31-12-2039	9892010414	

6	Padma Venkitachalam Devarajan	pv.devarajan@ictmumbai.edu.in	Dept of Pharmaceutics	B.Pharm, M.Pharm Pharmaceutics, PhD Tech Pharmaceutics	30 years 3 mons 9 days	21-09-1991	Professor	97389	25-09-2045	9820518009	
7	Pradeep Ratilal Vavia	pr.vavia@ictmumbai.edu.in	Dept of Pharmaceutics	Pharmaceutics, PhD	47 years 11 mons 84 days	04-03-2003	Professor and Dean Internal Quality Assurance	97326	31-12-2019	9867841777	
8	PRAJAKTA DANDEKAR JAIN	pd.jain@ictmumbai.edu.in	Dept of Pharmaceutics	B.Pharm, M Tech Bioprocess Technology, Ph D Tech Bioprocess Technology	7 years 9 mons 23 days	07-03-2014	Assistant Professor	134433	31-12-2042	9324031089	
9	Prashant S Kharkar	prashant.kharkar@nnims.edu.in	Dept of Pharmaceutical Chemistry	B.Pharm, M.Pharm Pharmaceutical Chemistry, PhD Tech	9 years 4 mons 57 days	19-10-2019	Professor	57941	01-01-2050	9819467123	
10	Purnima Amin	pd.amin@ictmumbai.edu.in	Dept of Pharmaceutics	B.Pharm, Doctor of Philosophy, M.Pharm Pharmaceutics	34 years 1 mon 23 days	07-11-1987	Professor	15835	31-12-2039	9820966358	
11	Sadhana Sathaye	sadhanasathaye@hotmail.co	Dept of Pharmacology	B.Pharm, M.Pharm Pharmacology, PhD	23 years 7 mons 12 days	18-05-1998	Professor	39177	31-07-2019	9821272821	
12	SHREERANG VIDYADHAR JOSHI	sv.joshi@ictmumbai.edu.in	Dept of Pharmaceutical Chemistry	Bachelor of Science Technology, PhD Tech	5 years 10 mons 20 days	10-02-2016	Professor	15749	24-09-2033	9820600226	
13	Vandana Bharat Patravale	vb.patravale@ictmumbai.edu.in	Dept of Pharmaceutics	B.Pharm, M.Pharm Pharmaceutics, PhD Tech in Pharmaceutics	13 years 8 mons 10 days	20-04-2008	Professor	97212	31-12-2012	9820029314	

Faculty Workload

S.No	Faculty Name	Department	Designation	Course	Academic Session	Year	Subject	Theory (Number of Hours per week including tutorials)	Practical (Number of Hours per week)	Remarks
1	Archana Ramesh Juvekar	Dept of Pharmacology	Professor	B.Pharm	2019-2020	3	Pharmacology - II	3	4	Pharmacology - II is taught to final year B Pharm students

		Dept of Pharmacology	Professor	M.Pharm Pharmacology	2019-2020	1	Advanced Pharmacology-I	3	0	The above subject is taught as Topics in Pharmacology to first year M Pharm students
		Dept of Pharmacology	Professor	M.Pharm Pharmacology	2019-2020	1	Pharmacological and Toxicological Screening Methods-I	3	0	Pharmacology Toxicology and therapeutics is taught to first year M Pharm students
		Dept of Pharmacology	Professor	B.Pharm	2019-2020	2	Pharmacology - I	0	4	Instead of B Pharm the B Tech students are taught Physiology and Pharmacology practical for four hours per week
		Dept of Pharmacology	Professor	B.Pharm	2019-2020	3	Pharmacology - III	3	4	Pharmacology III is taught to third year students
2	Ganesh U Chaturbhuji	Dept of Pharmaceutical Chemistry	Associate Professor	M.Pharm Pharmaceutical Chemistry	2021-2022	1	Pharmaceutical Chemsitry Practical - I	0	6	None
		Dept of Pharmaceutical Chemistry	Associate Professor	M.Pharm Pharmacognosy	2021-2022	1	Modern Pharmaceutical Analytical Techniques	0	6	None
		Dept of Pharmaceutical Chemistry	Associate Professor	M.Pharm Pharmacology	2021-2022	1	Modern Pharmaceutical Analytical Techniques	0	6	None
		Dept of Pharmaceutical Chemistry	Associate Professor	B.Pharm	2021-2022	1	Pharmaceutical Analysis - I	3	4	None
		Dept of Pharmaceutical Chemistry	Associate Professor	B.Pharm	2021-2022	4	Instrumental Methods of Analysis	3	4	None
		Dept of Pharmaceutical Chemistry	Associate Professor	M.Pharm Pharmaceutics	2021-2022	1	Modern Pharmaceutical Analytical Techniques	0	6	None
3	Hemchandra Keshav Chaudhari	Dept of Pharmaceutical Chemistry	Assistant Professor	B.Pharm	2021-2022	3	Medicinal Chemistry - I	3	4	Introduction of Pharmaceutical Chemistry and Inorganic substances
		Dept of Pharmaceutical Chemistry	Assistant Professor	B.Pharm	2021-2022	3	Medicinal Chemistry - II	3	4	Exploring Medicinal Chemistry for infectious agents
		Dept of Pharmaceutical Chemistry	Assistant Professor	B.Pharm	2021-2022	3	Medicinal Chemistry - III	3	4	ANS and CNS drugs
4	Kirti S Laddha	Dept of Pharmacognosy	Professor	B.Pharm	2022-2023	3	Pharmacognosy and Phytochemistry - II	3	4	As per ICT syllabus Final Y B Pharm PHP 1505 Pharmacognosy Lab II 4 hrs per week
		Dept of Pharmacognosy	Professor	M.Pharm Pharmacognosy	2022-2023	1	Advanced Pharmacognosy-1	3	4	As per ICT Syllabus PHT 2301 Pharmacognosy and Phytochemistry 3hrs per week
		Dept of Pharmacognosy	Professor	M.Pharm Pharmacognosy	2022-2023	1	Industrial Pharmacognostical Technology	0	0	No adopted by ICT
		Dept of Pharmacognosy	Professor	M.Pharm Pharmacognosy	2022-2023	1	Advanced Pharmacognosy-II	3	3	As per ICT Syllabus PHT 2304 Advanced Pharmacognosy and Phytochemistry 3hrs and PHP 2508 Advanced Medicinal Natural Products Lab 3hrs
		Dept of Pharmacognosy	Professor	B.Pharm	2022-2023	3	Herbal Drug Technology	3	4	As per ICT Syllabus Final Y B Pharm PHT 1506 Pharmacognosy III 3 PHP 1506 Pharmacognosy Lab III 4
		Dept of Pharmacognosy	Professor	M.Pharm Pharmacognosy	2022-2023	1	Phytochemistry	0	0	No adopted by ICT
		Dept of Pharmacognosy	Professor	M.Pharm Pharmacognosy	2021-2022	2	Advanced Pharmacognosy-II	3	4	No remark
		Dept of Pharmacognosy	Professor	M.Pharm Pharmacognosy	2021-2022	1	Advanced Pharmacognosy-1	3	4	No remark
		Dept of Pharmacognosy	Professor	B.Pharm	2021-2022	4	Quality Control and Standardization of Herbals	3	4	No remark
		Dept of Pharmacognosy	Professor	B.Pharm	2021-2022	3	Pharmacognosy and Phytochemistry - II	3	4	No Remark
5	Mariam Soheli Degani	Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Pharmaceutical Chemsitry Practical - II	0	3	Semester II
		Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Advanced Medicinal Chemistry	6	0	Semester I and Semester II

		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	4	Project Work	2	0	Semester I and II
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	4	Computer Aided Drug Design	3	4	Semester II
6	Padma Venkitachalam Devarajan	Dept of Pharmaceutics	Professor	M.Pharm Pharmaceutics	2019-2020	1	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	2	0	Semester II
		Dept of Pharmaceutics	Professor	B.Pharm	2019-2020	4	Project Work	1	0	semester I
		Dept of Pharmaceutics	Professor	B.Pharm	2019-2020	4	Project Work	1	0	Semester II
		Dept of Pharmaceutics	Professor	B.Pharm	2019-2020	3	Biopharmaceutics and Pharmacokinetics	3	0	Semester II
		Dept of Pharmaceutics	Professor	B.Pharm	2019-2020	4	Novel Drug Delivery System	3	4	Semester I
		Dept of Pharmaceutics	Professor	M.Pharm Pharmaceutics	2019-2020	2	Research Work	1	0	Semester III and IV
		Dept of Pharmaceutics	Professor	M.Pharm Pharmaceutics	2019-2020	1	Drug Delivery System	2	0	Semester I
		Dept of Pharmaceutics	Professor	M.Pharm Pharmaceutics	2019-2020	1	Drug Delivery System	2	0	Semester II
7	Pradeep Ratilal Vavia	Dept of Pharmaceutics	Professor and Dean Internal Quality Assurance	B.Pharm	2020-2021	4	Novel Drug Delivery System	4	4	Teaching
		Dept of Pharmaceutics	Professor and Dean Internal Quality Assurance	B.Pharm	2020-2021	3	Biopharmaceutics and Pharmacokinetics	3	0	Teaching
		Dept of Pharmaceutics	Professor and Dean Internal Quality Assurance	M.Pharm Pharmaceutics	2020-2021	1	Drug Delivery System	2	0	Teaching
		Dept of Pharmaceutics	Professor and Dean Internal Quality Assurance	M.Pharm Pharmaceutics	2020-2021	2	Research Work	0	8	Teaching
		Dept of Pharmaceutics	Professor and Dean Internal Quality Assurance	B.Pharm	2021-2022	4	Novel Drug Delivery System	2	4	Teaching NDDS
8	PRAJAKTA DANDEKAR JAIN	Dept of Pharmaceutics	Assistant Professor	M.Pharm Pharmaceutical Biotechnology	2022-2023	1	Advanced Pharmaceutical Biotechnology	2	0	Fundamentals of pharmaceuticals biotechnology
		Dept of Pharmaceutics	Assistant Professor	M.Pharm Pharmaceutical Biotechnology	2020-2021	1	Advanced Pharmaceutical Biotechnology	2	2	biotechnology
		Dept of Pharmaceutics	Assistant Professor	B.Pharm	2020-2021	2	Pharmaceutical Microbiology	2	4	pharmaceutical microbiology and biotechnology lab
		Dept of Pharmaceutics	Assistant Professor	B.Pharm	2020-2021	3	Industrial Pharmacy - I	2	2	industrial pharmacy
		Dept of Pharmaceutics	Assistant Professor	B.Pharm	2020-2021	3	Pharmaceutical Biotechnology	2	2	biotechnology
		Dept of Pharmaceutics	Assistant Professor	B.Pharm	2022-2023	3	Pharmaceutical Biotechnology	2	2	Pharmaceutical Biotechnology laboratory
		Dept of Pharmaceutics	Assistant Professor	B.Pharm	2022-2023	3	Pharmaceutical Jurisprudence	2	0	Foresenic pharmcy and drug storage management
		Dept of Pharmaceutics	Assistant Professor	M.Pharm Pharmaceutical Biotechnology	2020-2021	2	Pharmaceutical Biotechnology Practical - II	2	2	biotechnology
9	Prashant S Kharkar	Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	2	Medicinal Chemistry - I	0	4	Theory is engaged by other faculty
		Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutical Chemistry	2020-2021	1	Pharmaceutical Process Chemistry	4	0	No practical
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2020-2021	4	Project Work	1	0	Seminar and Critical Review
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2020-2021	2	Pharmaceutical Organic Chemistry II	4	4	One batch
		Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutical Quality Assurance	2019-2020	1	Pharmaceutical Validation	2	0	Other faculty engages two lectures
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	2	Pharmaceutical Organic Chemistry - III	3	0	Engaging only 3 lectures One lecture is engaged by other faculty
		Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutics	2019-2020	1	Computer Aided Drug Delivery System	4	0	No practical for the subject
10	Purnima Amin	Dept of Pharmaceutics	Professor	B.Pharm	2019-2020	2	Physical Pharmaceutics - II	6	6	Theory and practical

		Dept of Pharmaceutics	Professor	B.Pharm	2019-2020	1	Pharmaceutics-I	3	0	Theory and tutorial
		Dept of Pharmaceutics	Professor	B.Pharm	2022-2023	1	Pharmaceutics-I	12	0	Very good
		Dept of Pharmaceutics	Professor	M.Pharm Pharmaceutics	2019-2020	1	Modern Pharmaceutics	3	3	Lectures
11	Sadhana Sathaye	Dept of Pharmacology	Professor	B.Pharm	2019-2020	2	Pharmacology - I	4	0	Semester III
		Dept of Pharmacology	Professor	B.Pharm	2019-2020	1	Human Anatomy and Physiology - II	4	0	Semester IV
		Dept of Pharmacology	Professor	M.Pharm Pharmacology	2019-2020	1	Pharmacological and Toxicological Screening Methods-II	4	0	Semester II
		Dept of Pharmacology	Professor	B.Pharm	2022-2023	2	Pharmacology - I	3	4	SYBPHARM
		Dept of Pharmacology	Professor	B.Pharm	2019-2020	1	Human Anatomy & Physiology	4	4	Practicals Semester I Theory Semester II
12	SHREERANG VIDYADHAR JOSHI	Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	4	Project Work	2	0	Semester I and Semester II
		Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Advanced Spectral Analysis	3	0	Semester II
		Dept of Pharmaceutical Chemistry	Professor	M.Pharm Pharmaceutical Chemistry	2019-2020	1	Advanced Spectral Analysis	3	0	Semester II
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	3	Medicinal Chemistry - II	0	4	Semester I
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	4	Advanced Instrumentation Techniques	3	0	Semester I
		Dept of Pharmaceutical Chemistry	Professor	B.Pharm	2019-2020	2	Pharmaceutical Organic Chemistry II	3	4	Semester I and Semester II
13	Vandana Bharat Patravale	Dept of Pharmaceutics	Professor	B.Pharm	2020-2021	4	Cosmetic Science	3	4	Theory and practical subject taught as per ICT syllabus is Cosmeticology in sem V and Cosmeticology laboratory in sem V
		Dept of Pharmaceutics	Professor	B.Pharm	2020-2021	2	Physical Pharmaceutics - II	3	0	Theory subject taught as per ICT syllabus is Pharmaceutics III in semester III
		Dept of Pharmaceutics	Professor	M.Pharm Pharmaceutics	2020-2021	1	Drug Delivery System	3	0	Theory subject taught as per ICT syllabus is Advanced Pharmaceutics

Faculty Details for New Institution

Click to view Consent letter of Principal and Teaching Faculty

Academic / Establishment Expenditure of the Institution for the past 3 Years

Budget Heads	2021 - 2022	2020 - 2021	2019 - 2020
Recurring	Amount in (INR in Lacs)	Amount in (INR in Lacs)	Amount in (INR in Lacs)
Fee to apex Bodies	2000000	100000	100000
Chemicals	7500000	5000000	6500000
Electricity	11500000	13500000	20900000
Phone Bills	1050000	800000	700000
Travelling	2600000	2200000	3500000
Annual maintenances	55000000	39300000	38700000
Stationary	6500000	5000000	6500000
Miscellaneous	3600000	3000000	2300000
Glassware's	0	0	0
Non-Recurring	Amount in (INR in Lacs)	Amount in (INR in Lacs)	Amount in (INR in Lacs)
Building	321255000	292050000	265500000
Equipments	462341000	420310000	382100000
Vehicles	0	0	0
Books & Journals	34727000	31570000	28700000
Furniture's	2530000	2300000	1800000

Income and Expenditure

INCOME		
Particulars	Amount in (INR)	

Grants Govt	471921392	EXPENDITURE		
Grants Others	191113503	Particulars	Amount in (INR)	
Tution Fee	38462645	Building	77330298	
Library Fee	2467707	Equipment	51705878	
Sports Fee	65099	Others	16768987	
Uinion Fee	0	REVENUE EXPENDITURE		
Others	168402907			
		Particulars	Amount in (INR)	
		Revenue Exp - Salary	419592840	
		Maintenance Exp - College	29379549	
		Maintenance Exp - Others	4503923	
		Apex Bodies Fee	1930000	
		Chemicals	24644246	
		Stationary	1276647	
		Deposit held by the College	0	
		Annual maintenances	9555306	
		Misc.Expenditure	899842	
		Others	165475082	

Books

Course	Titles Required	Titles Available	Volume Required	Volume Available	No of Journals
B.Pharm	500	1612	1500	2527	10
M.Pharm Pharmaceutics	50	100	100	269	7
M.Pharm Pharmaceutical Chemistry	50	130	100	357	7
M.Pharm Pharmacology	50	89	100	136	5
M.Pharm Pharmacognosy	50	88	100	136	5

Enclose Details of the Journals subscribed

[View](#)

Subject Wise Classification

Subject	Available Numbers	Available Titles
Pharmacognosy	136	88
Pharmacy Practice	30	12
Human anatomy & physiology	10	9
Pharmaceutics (dispensing & general Pharmacy)	269	100
Pharmaceutical organic chemistry	300	110
Pharmaceutical inorganic chemistry	57	20
Pharmaceutical microbiology	4	4
Pathophysiology	11	11
Applied biochemistry & clinical chemistry	12	10
Pharmacology	136	89
Pharmaceutical jurisprudence	11	11
Pharmaceutical dosage form	23	23
Community pharmacy	3	3
Clinical pharmacy	9	9
Hospital pharmacy	2	2
Pharmacotherapeutics	27	27
Pharmaceutical analysis and Quality Assurance	9	9
Medicinal chemistry	54	54
Biology	5	5
Computer science or computer application in pharmacy	6	6
Mathematics / statistics	10	10
Communication Skills	1	1
Pharmaceutics - Drug Delivery systems, Pharmaceutical Engineering, Regulatory Science	42	42

Other Facilities

Particulars	Number Required	Number Available
Computers	10	12
Printers	2	2
Internet facilities	4MBPS	8

Photocopier	1	1
Scanner	1	1
LCD Projector	2	1

PG & Ph.D Projects guided by the Faculty Members for the past 3 years

S.No	Name of the Supervisor	Name of the Candidate	Type of Project	Title of the Thesis/Dissertation	Duration (in months)	Year
1	Prof Sadhana Sathaye	Vaishnavi Wanjare	PG	Extraction of Ursolic acid from apple pomace	24	2020 - 2021
2	Prof Sadhana Sathaye	Juhi Pandey	PG	Standardization of mitochondrial complex I assay in presence and absence Rotenone	24	2020 - 2021
3	Prof Sadhana Sathaye	Chaitrali Kale	PG	Preparation characterization and in vitro evaluation of herbal decoction and its spray dried powder	24	2020 - 2021
4	Prof Sadhana Sathaye	Omkar Mahajan	PG	Comparison of antimicrobial and immunomodulatory activity of decoction and its spray dried powder	24	2020 - 2021
5	Prof. Prashant S. Kharkar	Kedar Shukre	Ph.D	Molecular Biological Investigations of New Chemical Entities and Clinical Candidates from Cancer Stemness Inhibitor Class	36	2021 - 2022
6	Prof. Prashant S. Kharkar	Sandip J. Detke	Ph.D	Process Development of Commercially Important Drug Intermediates	36	2021 - 2022
7	Prof. Prashant S. Kharkar	Ms. Smera Sathish	Ph.D	Discovery of Novel AntiGlioblastoma Agents from Natural Product Leads	36	2021 - 2022
8	Prof. Prashant S. Kharkar	Ms. Saloni Samant	Ph.D	Studies on Microbial Biotransformations involving Commercially Important Chemicals	36	2021 - 2022
9	Prof. Prashant S. Kharkar	Ms. V. Keerthana	PG	Studies involving downstream processing and production of plant based meat product	24	2021 - 2022
10	Prof. Prashant S. Kharkar	Ms. Akalya S. Chendrayakannan	PG	Studies on Bovine Milk Oligosaccharides	24	2020 - 2021
11	Prof. Prashant S. Kharkar	Pravin V. Nimgade	PG	Investigations on AntiGlioblastoma Potential of Select Few Natural Products Their Analogues and New Chemical Entities	24	2021 - 2022
12	Prof. Prashant S. Kharkar	Ms. Shraddha Mandlik	PG	Investigations on Solubility Enhancement of Poorly Soluble Substances	24	2021 - 2022
13	Prof. Prashant S. Kharkar	Ms. Sharvari Mane	PG	Investigations on Few Select Photoaffinity Probes and Their Applications in Biomedical Sciences	24	2021 - 2022
14	Prof. Prashant S. Kharkar	Ms. Anjali S. Sonawane	PG	Biological Evaluation of Small molecules in Search of Cancer Stemness Inhibitors	24	2020 - 2021
15	Prof. Prashant S. Kharkar	Shubham Bhangе	PG	Process Development of Active Pharmaceutical Ingredients and Their Intermediates of Commercial Importance	24	2020 - 2021
16	Prof. Prashant S. Kharkar	Atul L. Jadhav	PG	Studies on Near Infrared Fluorescent Probes and Their Applications in Biomedical Sciences	24	2020 - 2021
17	Prof. Prashant S. Kharkar	Ms. Pranali B. Katre	PG	Novel Prodrugs of Pharmacokinetically Intractable Active Pharmaceutical Ingredients and Phytochemicals	24	2021 - 2022
18	Prof. Prashant S. Kharkar	Pranal Dharmik	PG	Studies Involving Deuteration of Privileged Structures in Active Pharmaceutical Ingredients	24	2020 - 2021
19	Prof.Padma V.Devarajan	Pravesh Mehta	PG	Aqua triggered in situ gel system for wound healing	24	2020 - 2021
20	Prof.Padma V.Devarajan	Vanashree Choudhari	PG	Repurposing of Favipiravir for Lung Targeting	24	2020 - 2021
21	Prof.Padma V.Devarajan	Laxmi Choudhari	PG	Repurposing of Metformin HCl as nanoformulation for targeted delivery	24	2020 - 2021
22	Prof.Padma V.Devarajan	Darshan Bhandari	PG	Asialoglycoprotein receptor targeted silymarin loaded SLN for treating hepatocellular carcinoma	24	2019 - 2020
23	Prof.Padma V.Devarajan	Sanjana Jadhav	PG	Formulation and Evaluation of Curcumin loaded Hydroxyapatite Nanoparticles for Bone targeting	24	2019 - 2020
24	Prof.Padma V.Devarajan	Jasleen T Chass	PG	Aqua Triggered In Situ gel of curcumin for Nose to Brain delivery	24	2019 - 2020
25	Prof.Padma V.Devarajan	Siddhant Gaikwad	PG	Formulation and evaluation of Inhalable Particulate drug delivery system	24	2019 - 2020
26	Prof.Padma V.Devarajan	Simmi Gupta	PG	Intracellular delivery of hydroxyapatite nanoparticles	24	2019 - 2020

27	Prof.Padma V.Devarajan	Bhagyshree Joshi	Ph.D	Drug Adsorption Models for predicting Bioenhancement Strategies for Poorly Permeable Drugs	84	2021 - 2022
28	Prof.Padma V.Devarajan	Krantisagar More	Ph.D	Nanotechnology approaches for bioenhanced delivery of nutraceuticals and nutraceutical drug combinations	84	2021 - 2022
29	Prof.Padma V.Devarajan	Pradipkumar Wavhule	Ph.D	Development of Gastroretentive Drug Delivery Systems	84	2021 - 2022
30	Prof.Padma V.Devarajan	Vinod Ipar	Ph.D	Bioenhanced Nutraceutical Delivery System	84	2021 - 2022
31	Prof.Padma V.Devarajan	Amit Lokhande	Ph.D	Nanocarrier based Drug Delivery System for Tuberculosis	84	2021 - 2022
32	Prof.Padma V.Devarajan	Sukhada Shevade	Ph.D	Long Acting Parenteral Depot Systems for Alzheimers Disease	84	2021 - 2022
33	Prof.Padma V.Devarajan	Pooja Todke	Ph.D	Targeted Drug Delivery Nanosystems for Infectious Diseases by In situ Nanotechnology	84	2021 - 2022
34	Prof.Padma V.Devarajan	Esha Attar	Ph.D	Innovative Targeted Drug Delivery Systems	84	2021 - 2022
35	Prof.Padma V.Devarajan	Shweta Chawla	Ph.D	Inorganic Nanocarriers in drug delivery and diagnosis	96	2019 - 2020
36	Prof.Padma V.Devarajan	Heena Maithania	Ph.D	Nanoparticulate drug delivery systems for targeted therapy of infectious diseases	84	2019 - 2020
37	Prof.Padma V.Devarajan	Saugandha Das	Ph.D	Nanocarriers for targeted drug delivery to the RES	84	2020 - 2021
38	Prof.Padma V.Devarajan	Harsh Joshi	Ph.D	Formulation of Controlled and Novel Drug Delivery systems	72	2020 - 2021
39	Prof.Padma V.Devarajan	Rijo John	Ph.D	Bioenhancement Strategies for Oral Drug Delivery	72	2020 - 2021
40	Prof. P. D. Amin	Durgesh Kumar Jha	Ph.D	Investigation of Drug Polymer solubility and misibility for a rational design of amorphous solid dispersions Analytical and theoratical approches	54	2021 - 2022
41	Prof. P. D. Amin	Shrikant Gavhane	PG	Preparation and evaluation of pellets for poorly soluble drugs	24	2021 - 2022
42	Prof. P. D. Amin	Nikita Patil	PG	Formulation and evaluation of Oral Disintegrating Film ODF using Hot Melt Extrusion Technology.	24	2021 - 2022
43	Prof. P. D. Amin	Mahak Birthare	PG	Design and evaluation of Antifungal formulations	24	2021 - 2022
44	Prof. P. D. Amin	Kailas Moravkar	Ph.D	Application of different dry and continuous techniques to develop different solid dosage forms	54	2020 - 2021
45	Prof. P. D. Amin	Pradnya Vaingankar	Ph.D	Hot Melt Extrusion Technology for Fixed Dose Combinations of Anti diabetic and Anti hypertension Therapy	54	2020 - 2021
46	Prof. P. D. Amin	Tamilselvan V.	PG	Formulation Development of Itraconazole Amorphous Solid Dispersion for Solubility Enhancement	24	2020 - 2021
47	Prof. P. D. Amin	Madhuri Kshisagar	PG	FORMULATION DEVELOPMENT AND EVALUATION OF VITAMIN FORMULATIONS	24	2020 - 2021
48	Prof. P. D. Amin	Manindra Mahapatra	PG	Preparation and characterization of oromucosal formulations for topical applications	24	2020 - 2021
49	Prof. P. D. Amin	Prayas Acharya	PG	FORMULATION AND CHARACTERIZATION OF WOUND CARE PRODUCTS	24	2020 - 2021
50	Prof. P. D. Amin	Santosh Gejage	Ph.D	Novel Lipidic Drug Delivery Systems by using Hot Melt Extrusion	54	2019 - 2020
51	Prof. P. D. Amin	Jaywant Pawar	Ph.D	Approches for dissolution rate enhancement of poorly water soluble antifungal and antimaterial drugs	54	2019 - 2020
52	Prof. P. D. Amin	Geeta Umesh Yadav	Ph.D	DEVELOPING INNOVATIVE DELIVERY SYSTEMS FOR NUTRACEUTICALS POLYPHENOLS AND OMEGA ACIDS	54	2019 - 2020
53	Prof. P. D. Amin	Sharvari Kshirsagar	PG	Crystal Engineering of Ibuprofen Co crystals by melt extrusion	24	2019 - 2020
54	Prof. K.S.Laddha	Prashant shinde	Ph.D	Studies on coumarins	72	2021 - 2022
55	Prof. K.S.Laddha	Vinu singh	PG	Studies on volatile oils in mosquito replleant	24	2021 - 2022
56	Prof. K.S.Laddha	Balachandar S.	PG	Extraction and Isolation of Kawain from Kava Root	24	2021 - 2022
57	Prof. K.S.Laddha	Harshad Suryawanshi	PG	Extartion and isolation of Hecogenin from agave species	24	2021 - 2022

58	Prof. K.S.Laddha	Shradha Dighe	PG	Determination of volatile oil composition of of Feronia species growing in Nashik dist. Maharashtra	24	2021 - 2022
59	Prof. K.S.Laddha	Drushti Kute	PG	Determination of volatile oil composition of varies species of Indain mango	24	2021 - 2022
60	Prof. K.S.Laddha	Riya Bhosale	PG	Determination of volatile oil composition of Indian valalerian	24	2021 - 2022
61	Prof. K.S.Laddha	Pratik Wackchaure	PG	Development of aromatic hair dye	12	2020 - 2021
62	Prof. K.S.Laddha	Yohanah Mathews	PG	Studeis on Spikernard	12	2020 - 2021
63	Prof. K.S.Laddha	Nilam Bhande	PG	Extraction and isolation of flavonoids from Liquorice root	12	2020 - 2021
64	Prof. K.S.Laddha	Snehal Bikkad	PG	Extraction and isolation of Lawsone from Henna leaves	12	2020 - 2021
65	Prof. K.S.Laddha	Abhit Nayak	PG	Extraction and isolation of Santalin from sandlwood	12	2020 - 2021
66	Prof. Mariam S.Degani	Mr. Rohit Dubey	PG	METABOLIC STUDY OF THERAPEUTIC AGENTS	24	2019 - 2020
67	Prof. Mariam S.Degani	Ms. Kaberi Nath	PG	DEVELOPMENT OF ASSAYS FOR SCREENING MOLECULAR LIBRARY AGAINST MYCOBACTERIAL SPECIES	24	2019 - 2020
68	Dr. Prajakta Dandekar Jain	Lalit khare	Ph.D	Green By Design strategies for extraction or syntheisis of bio actives	60	2021 - 2022
69	Dr. Prajakta Dandekar Jain	Akshita Angirishi	PG	To study the effect of anti fungal agent on extracatble chitosan content in chitosan in aspergillus niger	24	2020 - 2021
70	Dr. Prajakta Dandekar Jain	Avinash Gunjal	PG	Solubility enhancement of BCS class II drug using biopolymer	24	2020 - 2021
71	Dr. Prajakta Dandekar Jain	Mohd shamshad Shamshulkamar Ansar	PG	Paper based microfluidic device for colorimetric detection of vitamin D	24	2020 - 2021
72	Dr. Prajakta Dandekar Jain	Nitin Rawat	PG	three D bioprinting and characterization of the printed gelatin guar gum scaffolds	24	2020 - 2021
73	Dr. Prajakta Dandekar Jain	Jagdish R Jadhav	PG	Assessing in vitro drug permeation using a tool foe simulataneous analysis of dissolution and permeation of drugs	24	2020 - 2021
74	Dr. Prajakta Dandekar Jain	Bismita Sonowal	PG	Electrospum biopolymeric nanofibres for application on wound healing	24	2019 - 2020
75	Dr. Prajakta Dandekar Jain	Abhishek Indurkar	PG	Development and standardization of bioink for three D printing of mammalian cells	24	2019 - 2020
76	Dr. Prajakta Dandekar Jain	Darshana Kamble	PG	Investigation flux of model drug from chitosan topical gel	24	2019 - 2020
77	Prof. K.S. Laddha	Apurva Tyade	Ph.D	No	72	2020 - 2021
78	Prof. K.S. Laddha	Nakkala Komalatha	Ph.D	Studies on Triterpenoids	72	2020 - 2021
79	Prof. K.S. Laddha	Godiyal Shilpa	Ph.D	Studies on Natural Gallates	72	2020 - 2021
80	Prof. K.S. Laddha	Thakkar Shefali	Ph.D	Chemical investigation and establishing quality control standards of asphaltum.	72	2020 - 2021
81	Prof. K.S. Laddha	Gangurde Subodh	Ph.D	Extraction isolation and chemical modification of anthraquinones from senna and aloe	72	2020 - 2021
82	Prof. K.S.Laddha	Patil Sapna	Ph.D	Studies on Iridoids Its isolation Extraction and chemistry	72	2019 - 2020
83	Prof. K.S.Laddha	Akhade Meenakshi	Ph.D	Studies on Quinazoline and Pyridine alkaloids	12	2019 - 2020
84	Prof. K.S. Laddha	Kairavi Shinde	PG	Studies on extraction of Rose oil	12	2019 - 2020
85	Prof. K.S. Laddha	Radhika Sonavne	PG	Study of Volatile Constitutents in Ayurvedic Medicine Jirakadyarishtha	12	2019 - 2020
86	Prof. K.S. Laddha	Varad Muthal	PG	Development of affordable technology for isolation and extraction of Gallic acid from myrobalan fruits	12	2019 - 2020
87	Prof. K.S. Laddha	Neha Pai	PG	Separation of gamma oryzanaol from rice bran	12	2019 - 2020
88	Prof. K.S. Laddha	Chetana More	PG	Extraction and Isolation of beta Beta amyirin	12	2019 - 2020
89	Prof. P. D. Amin	Mr. Tousif Khatik	Ph.D	Development of novel modified release formulations using continuous process technology	72	2019 - 2020
90	Prof. P. D. Amin	Mr. Dilip kumar Suryawanshi	Ph.D	Development and Evaluation of Innovative Bioenhanced Formulations	72	2019 - 2020
91	Prof. P. D. Amin	Akash Lingayat	PG	Formulation and development of analgesic subcutaneous implants	24	2019 - 2020
92	Prof Sadhana Sathaye	Sunanda Patil	Ph.D	Evaluation of phytoactives for their activity in diabetic retinopathy	72	2020 - 2021

93	Prof Sadhana Sathaye	Neeyamat Chimthanawala	Ph.D	Evaluation of mitoapocynin in Alzheimers model	72	2020 - 2021
94	Prof Sadhana Sathaye	Saurabh Singh	Ph.D	Development of Bacillus based probiotic for women health	72	2019 - 2020
95	Prof Sadhana Sathaye	Radni Deshpande	Ph.D	PK or PD correlation of potential therapeutic for its Anti Alzheimers activity	72	2019 - 2020
96	Prof Sadhana Sathaye	Paramita Batabyal	Ph.D	Development of polyclonal antibody specific to beta cross sheet of alpha synuclein protein in white New Zealand rabbits	72	2019 - 2020
97	Prof Sadhana Sathaye	Bharat Singh	PG	Enzyme assisited extraction of luteolin	24	2019 - 2020
98	Prof Sadhana Sathaye	Sanjivani Pathak	PG	Evaluation of neuroprotective activity of mitolated ethyl ferulate using rotenone induced SHSY FIVE Y cells	24	2019 - 2020
99	Prof Sadhana Sathaye	Sanika Joshi	PG	Evaluation of neuroprotective activity of ethyl ferulate using rotenone induced SHSY Five Y cells	24	2019 - 2020
100	Prof Sadhana Sathaye	June Wagh	PG	Formulation and evaluation of eye drops for prevention and treatment od diabetes induced cataract from Saraca Indica	24	2019 - 2020
101	Prof Sadhana Sathaye	Pramod Waghmare	PG	Safety study of standardised formulation of ethyl acetate fraction of Saraca Indica flower to treat UV induced cataract	24	2019 - 2020
102	Prof Sadhana Sathaye	Mohd. Riyaz Beg	PG	In vivo pharmacodynamicevaluation of standardised ocular formulation of ethyl acetate fraction of Saraca Indica flower to treat UV induced cataract	24	2019 - 2020
103	Prof. Vandana Bharat Patravale	Prashik Jamdhade	PG	Functional co processed excipient for pharmaceutical application	12	2020 - 2021
104	Prof. Vandana Bharat Patravale	Prachi Bansal	PG	Devlopemnt of invitro blood brain barrier model	12	2020 - 2021
105	Prof. Vandana Bharat Patravale	Kaustubh Pawar	PG	Metalloendrimers for burn management and wound healing	12	2020 - 2021
106	Prof. Vandana Bharat Patravale	Shruti Lohakare	PG	Bioadhesive for pharmecutical application	12	2020 - 2021
107	Prof. Vandana Bharat Patravale	Prachi Kharkar	Ph.D	Nanoengineered systems for oncotherapy	72	2020 - 2021
108	Prof. Vandana Bharat Patravale	Sagar Dhoble	Ph.D	Dry Powder Inhaler for Pulmonary Hypertention	60	2020 - 2021
109	Prof. Vandana Bharat Patravale	A Bidyasagar Singha	PG	Designing of biodegradable scaffolds for tissue engineering	24	2019 - 2020
110	Prof. Vandana Bharat Patravale	Krishna Jaybhaye	PG	Novel lipid based intranasal delivery system of levodopa	24	2019 - 2020
111	Prof. Vandana Bharat Patravale	Purva Khare	PG	Novel in situ gelling ophthalmic delivery system of Posaconazole	24	2019 - 2020
112	Prof. Vandana Bharat Patravale	Ronak Bhuptani	Ph.D	Novel carrier systems for improved topical delivery	72	2019 - 2020
113	Prof. Vandana Bharat Patravale	Sandip Gite	Ph.D	Development and scale up of novel controlled release dosage forms	72	2019 - 2020
114	Prof. Vandana Bharat Patravale	Amit Mirani	Ph.D	Microbicidal nanotherapeutics for HIV AIDS	72	2019 - 2020
115	Prof. Mariam S.Degani	Gupta Shweta Dindayal	Ph.D	To be finalised	72	2020 - 2021
116	Dr. Prajakta Dandekar Jain	Uday Koli	Ph.D	Nucleic acid Loaded Nanoplexes for Biomedical Applications	60	2019 - 2020
117	Prof. Padma V. Devarajan	Darsheen J.Kotak	Ph.D	Nanocarriers for Bioenhanced and Targeted Delivery in Osteoporosis.	72	2020 - 2021
118	Prof. Padma V. Devarajan	Priyanka S. Jahagirdar	Ph.D	Nano Drug Delivery Systems for Targeted Delivery of Anti infective Agents	72	2020 - 2021
119	Prof. P. D. Amin	Divya Jain	Ph.D	Development and evaluation of solid oral dosage forms	60	2019 - 2020
120	Prof. P. D. Amin	Apoorva Phadke	Ph.D	Development of formulations for pain	60	2019 - 2020
121	Prof. P. D. Amin	Srushti Tambe	Ph.D	Biodegradable implants	60	2019 - 2020
122	Prof. P. R. Vavia	Anand Madhav Bhusare	PG	Study of process variables by Design of Experiments for preparation of protein microspheres by In Line Homogenizer.	24	2019 - 2020
123	Prof. P. R. Vavia	Apoorva Vinayak Phadke	PG	Study of applicability of Eudragit for micro encapsulation of low molecular weight water soluble drug	24	2019 - 2020
124	Prof. P. R. Vavia	Rahane Meghana	PG	Development and evaluation of nitrofurazone loaded medicated gauze	24	2019 - 2020

125	Prof. P. R. Vavia	Shivam Swarnkar	PG	Penetration and permeation enhancer for topical and oral drug delivery Formulation strategies to improve dissolution profile and solubility of poorly water soluble drug	24	2019 - 2020
126	Prof. P. R. Vavia	Gupta Pankaj	PG	Solubility and Stability enhancement of Bromocriptine using cyclodextrin	24	2019 - 2020
127	Prof. P. R. Vavia	Divate Shridhar	PG	Development and Evaluation of Probiotic formulation	24	2019 - 2020
128	Prof. P. R. Vavia	Pawar Manoj Ashok	Ph.D	Development of Controlled Release formulation of Natural Highly Purified Human Chorionic Gonadotropin	60	2019 - 2020
129	Prof. P. R. Vavia	Mayank Rameshchandra Patel	Ph.D	Modified Cyclic oligosaccharides based drug delivery for anti cancer drugs	60	2019 - 2020
130	Prof. P. R. Vavia	Rojekar Satish Vishram	Ph.D	Novel Drug Delivery Approaches for anti ineffective therapy	60	2019 - 2020
131	Prof. P. R. Vavia	Jadhav Dhananjay Shivaji	Ph.D	Cyclodextrin Based Nanocarriers as Drug Delivery Systems	60	2019 - 2020
132	Prof. P. R. Vavia	Sita V.G.	Ph.D	Lipid Nano carriers as drug delivery systems	60	2019 - 2020
133	Prof. P. R. Vavia	Pai Rohan Vijayanand	Ph.D	Surface Modified Nanocarriers as Drug Delivery Systems	60	2019 - 2020
134	Prof. P. R. Vavia	Shevalkar Ganesh B.	Ph.D	Lipid Based nanocarrier system for poorly bioavailable drug	60	2019 - 2020
135	Prof. P. R. Vavia	Yadav Nisha Ramraj	Ph.D	Development of nanocarrier for enhanced brain drug delivery.	60	2019 - 2020
136	Prof. P. R. Vavia	MahendraKumar P. Prajapati	Ph.D	Surface modified targeted nanocarrier for anticancer drug delivery	60	2019 - 2020
137	Prof. P. R. Vavia	Mrunal Unmesh Patil	Ph.D	Formulation and evaluation of nanocarriers for infectious disease	60	2019 - 2020
138	Prof. P. R. Vavia	Pankaj Hanumant Jadhav	Ph.D	Studies on application of amorphisation approaches for designing efficient oral pharmaceutical dosage forms	60	2019 - 2020
139	Prof. P. R. Vavia	Ketan Yashwant Mahajan	Ph.D	Polyelectrolyte Multilayered Systems for Treatment of Infectious Diseases	60	2019 - 2020
140	Prof. P. R. Vavia	Ingle Subhash Ganesh	Ph.D	Silica Based Novel Drug Delivery System	60	2019 - 2020
141	Prof. K. S. Laddha	Kairavi Shinde	PG	Development of Cosmetic Product using natural Ingredients	12	2019 - 2020
142	Prof. K.S. Laddha	Varad Muthal	PG	Development of affordable technology for Isolation and extraction of Gallic acid from Myrobalan fruits	12	2019 - 2020
143	Sadhana Sathaye	Suraj Muke	Ph.D	Isolation and Purification of Wedelolactone from Herbal source for its potential Antiepileptic Activity	60	2019 - 2020
144	Sadhana Sathaye	Paramita Batabyal	PG	In silico studies on Xanthine Oxidase	24	2019 - 2020
145	Sadhana Sathaye	Safala Malvankar	PG	Role of Xanthine Oxidase in Inflammatory conditions	24	2019 - 2020
146	Sadhana Sathaye	Vishu Jain	PG	To study the antioxidant potential of thymol and naringenin against glucose induced oxidative stress in cells	24	2019 - 2020
147	Sadhana Sathaye	Shubham Mulange	PG	Screening of anti parkinsonian activity of phytoconstituents against rotenone induced neurotoxicity in a zebra fish model	24	2019 - 2020
148	Sadhana Sathaye	Mr. Ganesh Bhat	PG	Extraction and Purification of Arecoline	24	2019 - 2020
149	Prof. Mariam Degani	Nitin Parsram Ahuja	PG	Design Synthesis and Biological Evaluation of Isoniazid derivatives as potential AntiTuberculosis agents	24	2019 - 2020
150	Prof. Mariam Degani	Aakash Rajkumar Madhwani	PG	Design Synthesis and Biological Evaluation of Coumarincarboxamides as potential AntiTuberculosis agents	24	2019 - 2020
151	Prof. Padma V. Devarajan	Mishra Priyanka	PG	Enhanced Intracellular Delivery through Nanoparticle Design	24	2019 - 2020
152	Prof. Padma V. Devarajan	Shrivastava Parul	PG	Fast Disintegrating Oral Probiotics Films	24	2019 - 2020
153	Prof. Padma V. Devarajan	Ansari Mujahed	PG	Bioenhanced Drug Delivery System	24	2019 - 2020
154	Prof. Padma V. Devarajan	Punalekar Siddhesh	PG	Targeted Delivery of Antiinfective Drugs to the Brain	24	2019 - 2020
155	Prof. Vandana Bharat Patravale	Swapnil Mohurle	Ph.D	Antiamyloid agents loaded nanocarriers via intranasal route for Alzheimer's disease treatment	72	2019 - 2020

156	Prof. Vandana Bharat Patravale	Aparna Dogra	PG	Novel Lipid based oral delivery system of rivastigmine	24	2019 - 2020
157	Prof. Vandana Bharat Patravale	Arkasubhro Chatterjee	PG	Aqueous Ethyl cellulose nanodispersion for pharmaceutical applications	24	2019 - 2020
158	Prof. Vandana Bharat Patravale	Anjana Menon	PG	Studies on Lauryl derivative as an HIV one entry inhibitor	24	2019 - 2020
159	Prof. Mariam Degani	Sachin Lonkar	Ph.D	Synthesis of Phase II metabolites by Green methods	84	2019 - 2020
160	Prof. Mariam Degani	Machhindra Bochare	Ph.D	Method development for synthesis of organofluorine compounds	84	2019 - 2020
161	Prof. Mariam Degani	Rupesh Shelke	Ph.D	Design and synthesis of novel multi targeting anti infectives	72	2019 - 2020
162	Prof. Mariam Degani	Hemlata Mali	Ph.D	Design synthesis and evaluation of Nitrogen containing heterocycle as antimycobacterial agents	72	2019 - 2020
163	Prof. Mariam Degani	Sandip Sabale	Ph.D	Green approach towards synthesis of pharmaceutically important compounds	72	2019 - 2020
164	Dr. Prajakta Dandekar Jain	Bismita Sonowal	PG	Electrospum biopolymeric nanofibres for application on wound healing	24	2019 - 2020
165	Dr. Prajakta Dandekar Jain	Darshana Kamble	PG	Investigation flux of model drug from chitosan topical gel	24	2019 - 2020
166	Dr. Prajakta Dandekar Jain	Abhishek Indurkar	PG	Development and standardization of bioink for D printing of mammalian cells	24	2019 - 2020
167	Dr. Prajakta Dandekar Jain	Ankit Tiwari	PG	Three d spheroids for diabetic retinopathy	24	2019 - 2020
168	Dr. Prajakta Dandekar Jain	Aditi Mhatre	PG	Development and characterization of biopolymer membranes for cell culture applications	24	2019 - 2020

Projects (Major/Minor Projects) completed for the past 3 years

S.No	Name of the Investigator	Title of the project	Duration (in months)	Sanctioned Amount	Funding Agency	Year
1	Prof. Vandana Bharat Patravale	Formulation and Characterization of SMEDDS for Oral Delivery	36		Ferring Pharmaceuticals	2019 - 2020
2	Prof. Vandana Bharat Patravale	Intranasal colloidal formulations for diagnostic and therapeutic applications	36		BRNS	2019 - 2020
3	Prof. Sadhana Sathaye	Modified deuterated polyphenols as chemotherapeutic and antimicrobial agents	30		DAE	2021 - 2022
4	Prof. Sadhana Sathaye	PK study of medicated insert in rats.	36		LifeScient INC.	2019 - 2020
5	Prof. Padma V.Devarajan	Design and Development of Non invasive drug delivery system for large molecules	48		DST PM Fellowship with ZIM laboratories	2019 - 2020
6	Prof. Padma V.Devarajan	Bioenhanced and Targeted drug delivery system of deuterated Mitocurcumin PI	36		DAE ICT	2020 - 2021
7	Prof. P. D. Amin	Development of novel inhalable formulations for COVID	24		USISTEF INDO US Grant	2020 - 2021
8	Prof.P.D.Amin	Development of veterinary formulations	12		Lifescient INC USA	2019 - 2020
9	Prof. P. D. Amin	Development of granules for oral care	12		Hindustan Unilever Ltd Mumbai	2019 - 2020
10	Prof. P. D. Amin	Understanding the science behind effervescent tablets for hygiene	24		Hindustan Unilever Ltd Bangalore	2020 - 2021
11	Prof. P. D. Amin	Development of personal care products for women	12		Cheryl Laboratories Pvt Ltd	2019 - 2020
12	Prof. Mariam S. Degani	Process Optimization for Two cyano four methylbiphenyl OTBN	60		DST PURSE	2021 - 2022
13	Prof. Mariam S. Degani	DEM AID Innovative drug development against dementia	36		DST	2019 - 2020
14	Prof. Mariam S. Degani	Process optimization of Intermediates	24		Salicylates Pvt Ltd	2019 - 2020
15	Prof. Mariam S. Degani	Continuous Flow Development for the synthesis of volatile oils	12		TEQIP	2020 - 2021
16	Prof. Mariam S. Degani	Bioenhanced and targeted drug delivery system of deuterated Mito curcumin	24		DAE ICT	2020 - 2021
17	Prof.K.S. Laddha	Polyherbal extracts of the herbal drugs will be subjected to TLC and HPTLC evaluation using marker compounds of two formulations	6		Total Herb Solutions P.Ltd. Mumbai	2019 - 2020
18	Prof. Mariam S. Degani	Modified Deuterated polyphenol as chemotherapeutic and anti microbial agents	24		DAE ICT	2020 - 2021
19	Prof.K.S. Laddha	Extraction and deuteration of Natural Products of therapeutic importance for improved potency	24		DAE BNRS	2021 - 2022

20	Prof.K.S. Laddha	Development of analytical method for Herbal drugs and formulations	6		Total Herb Solutions P.ltd	2020 - 2021
21	Prof.K.S. Laddha	Development of modified starch	12		Sheekharr Starch Private Limited	2019 - 2020
22	Prof.K.S. Laddha	Developing stable body wash with deposition aids	24		HUL	2019 - 2020
23	Prof.K.S. Laddha	Extraction of Volatile oil from Orange Peels Separation of Limonene from it and its Industrial Applications	24		RGSTC Maharashtra	2019 - 2020
24	Prof. Mariam S. Degani	DEM AID Innovative drug development against dementia	36		DSTPURSE	2021 - 2022
25	Dr. Prajakta Dandekar Jain	Bioink development for three D printing application	48		DST PURSE	2021 - 2022
26	Dr. Prajakta Dandekar Jain	Skin on chip a platform based on microfluidic technology to support preclinical research	24		ATGC	2021 - 2022
27	Dr. Prajakta Dandekar Jain	POC device for the detection of neonatal sepsis	18		Grand Challenge Exploration	2021 - 2022
28	Dr. Prajakta Dandekar Jain	Development of triple layered nanofibrous bandage as a wound dressing material	12		DST NANO BIO	2020 - 2021
29	Dr. Prajakta Dandekar Jain	Bioprinting of Three D skin in a microfluidic device for pre clinical investigations	36		BIRAC	2019 - 2020
30	Dr. Prajakta Dandekar Jain	Microfluidic platform for developing artificial retina	24		DAE BRNS Young Scientist Grant	2019 - 2020
31	Prof. Sadhana Sathaye	Evaporation comparison of Sevoflurane Abbott with two other generic brands	6		Abbott healthcare	2019 - 2020
32	Prof. Vandana Bharat Patravale	Formulation and Characterization of SMEDDS for Oral Delivery	36		Ferring Pharmaceuticals	2019 - 2020
33	Prof. Vandana Bharat Patravale	Smart drug eluting stents	24		Univesity Grants Commission UGC	2019 - 2020
34	Prof. Vandana Bharat Patravale	Intranasal colloidal formulations for diagnostic and therapeutic applications	36		Board Of Research In Nuclear Sciences BRNS	2019 - 2020
35	Prof. Mariam Degani	Continuous Flow Development for the synthesis of volatile oils	14		TEQIP	2019 - 2020
36	Prof. P. D. Amin	Evaluation of a plasticizer for extrusion fo a polymer	180		Croda India	2019 - 2020
37	Prof. P. D. Amin	Development of several personal care products	90		IMCD	2019 - 2020
38	Prof. Vandana Bharat Patravale	Intranasal colloidal formulations for diagnostic and therapeutic applications	36		BRNS	2019 - 2020

On Going Projects (Major / Minor)

S.No	Name of the Faculty	Title of the Projects	Duration (in days)	Sanctioned Amount	Funded by
1	Prof. Vandana Bharat Patravale	Novel Multifunctional coprocessed excipients for solubility enhancement	36	700000	AICTE Research Promotion Scheme
2	Prof. Vandana Bharat Patravale	Development and evaluation of a carrier based novel foot and mouth disease virus vaccine for non parental delivery	36	6287720	SERB
3	Prof. Vandana Bharat Patravale	Intranasal Mucosal Vaccine for COVID Nineteen	24	4769224	DBT BIRAC
4	Prof. Vandana Bharat Patravale	A Simple Colorimetric Diagnostic Technique for Novel Corona Virus Detection	8	1800680	DBT BIRAC
5	Prof. Vandana Bharat Patravale	Development of some generic products	12	354000	Morsef Pharmaceuticals Pvt Ltd
6	Prof. Vandana Bharat Patravale	Evaluation of novel biosurfactant	24	270000	Godrej IND Ltd
7	Prof. Vandana Bharat Patravale	Development of prolonged action natural PMD insect repellent in gel formulation	6	750743	Neo Innova healthcare Limited
8	Prof. Vandana Bharat Patravale	Oral nutritional supplement for Newborn lambs	12	1222087	TRM Ireland
9	Prof. Sadhana Sathaye	Hepatoprotective activity of eight coded preparations of Punarnava Mandur	36	440090	Padav Ayurvedic Centre
10	Prof Sadhana Sathaye	DEM AID Innovative drug development against dementia	36	3684240	DST
11	Prof. Prashant S. Kharkar	Self Reliance in Working Around Sustainable Helpful Reliable and High Yielding Processes and Technologies	48	2600	Department of Science and Technology
12	Prof. Prashant S. Kharkar	Discovery and Development of Cancer Stemness Inhibitors	36	22	Godavari Biorefineries Ltd Mumbai
13	Prof.Padma V.Devarajan	Innovative Parenteral Formulation	36	2480000	Amaterasu Lifesciences
14	Prof.Padma V.Devarajan	Targeted Drug Delivery Nanosystems for Infectious Diseases by In situ Nanotechnology	36	2000000	AICTE NDF
15	Prof.Padma V.Devarajan	Innovative Parenteral Formulation	36	2480000	Amaterasu Lifesciences
16	Prof.Padma V.Devarajan	Long Acting Parenteral Depot Systems for Alzheimers Disease	24	3120000	DST Prime Ministers Fellowship with Amaterasu Lifesciences

17	Prof.P.D.Amin	Development and evaluation of novel dosage forms using HME technology	12	650000	Bajaj Healthcare Ltd.
18	Prof.P.D.Amin	Development of oral and topical products	36	650000	ICPA health products Contd.
19	Prof.K.S. Laddha	Development of Herbal Cosmetics	24	800000	Arthaveda Mumbai
20	Prof.K.S. Laddha	Project on Nutraceutical Gummies	24	850000	Arelang Naturals P Ltd Mumbai
21	Prof.K.S. Laddha	Product development and standardization of herbal formulations	24	0	Pedilite
22	Prof.K.S. Laddha	Development of Herbal Ayurvedic Skin and Hair Care Products	24	512500	Haridevka MUMBAI
23	Dr. Prajakta Dandekar Jain	Bioink development for three D printing application	48	0	DST PURSE
24	Dr. Prajakta Dandekar Jain	Skin on chip a platform based on microfluidic technology to support preclinical research	24	7888000	ATGC
25	Dr. Prajakta Dandekar Jain	POC device for the detection of neonatal sepsis	18	1000000	Grand Challenge Exploration
26	Dr. Prajakta Dandekar Jain	Development of triple layered nanofibrous bandage as a wound dressing material	12	9973360	DST NANO BIO
27	Dr. Prajakta Dandekar Jain	Bioprinting of three D skin in a microfluidic device for pre clinical investigations	36	4960000	BIRAC
28	Dr. Prajakta Dandekar Jain	Microfluidic platform for developing artificial retina	24	6151000	DAE BRNS Young Scientist Grant

Details of Research Collaborations for the past 3 Years

S.No	Name of Collaborating Organization	Nature Of Collaboration	Outcome of collaboration	Year
1	ICMR NIRRH	Research project	Investigated anticancer activity of nanoformulations in vitro on human breast cancer cell lines and in vivo in breast tumor induced mice model and Awarded best poster presentation	2019 - 2020
2	Smt Kishoritai Bhoir college of Pharmacy Kamptee	Research project	Pharmacodynamic studies to investigate the efficacy of the novel formulations for the anti alzheimers activity	2019 - 2020
3	Ensure Pharma	Research project	Project was has been sucessfully completed	2019 - 2020
4	Indoco Remedies	Research project	Project was has been sucessfully completed	2019 - 2020
5	APT Research Foundation Pune	Research project	Successful completion of animal studies	2021 - 2022
6	IndoUSA	Research project	Ivermectin for treatment of COVID	2020 - 2021
7	DST	Research project	DEM AID Innovative drug development against dementia	2019 - 2020
8	Abbotte India Ltd Mumbai	Research project	Scientific Person study designer adviser	2019 - 2020
9	Padav Ayurvedic Centre	Research project	Scientific Person study designer adviser	2019 - 2020
10	LifeScient INC	Research project	Scientific Person study designer adviser	2019 - 2020
11	Godavari Biorefineries Limited	Research project	Two research publications and Seven patents	2020 - 2021
12	NIIH	Research publication	Innovative Betulin Nanosuspension exhibits enhanced anticancer activity in a Triple Negative Breast Cancer Cell line and Zebrafish angiogenesis model	2020 - 2021
13	ACTREC	Research publication	Shape mediated splenotropic delivery of buparvaquone loaded solid lipid nanoparticles	2019 - 2020
14	DAE BRNS	Research publication	Pre clinical evaluation of an innovative oral nano formulation of baicalein for modulation of radiation responses	2019 - 2020
15	University of Barcelona	Research publication	Research publication A new SeDeM SLA expert system for screening of solid carriers for the preparation of solidified liquids A case of citronella oil	2020 - 2021
16	Ministry of Food Processing Industries MOFPI	Research project	Modification of Natural Polymers Starches for better application it for food sector	2020 - 2021
17	DAE BNRS ICT	Research project	Extraction and deuteration of Natural Products of therapeutic importance for improved potency	2020 - 2021
18	Surya Hospital Mumbai	Research project	Development of three D organoids for retinoblastoma uisng microfludic technology	2020 - 2021
19	Tata Memorial Hospital Mumbai	Research project	Microfluidic paper based point of care biomarker detection of neonatal sepsis	2020 - 2021
20	IISER Pune	Research project	Skin on chip a platform based on microfluidic technology to support preclinical research	2020 - 2021
21	NIRRH Mumbai	Research project	Development of reproducible orthogonal charcaterization aproch for biologics and biosimiliars	2019 - 2020
22	Indian institute of technology Mumbai	Research project	Skin on chip a platform based on microfluidic technology to support preclinical research	2019 - 2020
23	APT Research Foundation Pune	Research project	Successful completion of animal studies	2020 - 2021
24	Indoco Remedies	Research project	Project was has been successfully completed	2019 - 2020
25	Ensure Pharma	Research project	Project was has been successfully completed	2019 - 2020
26	Smt Kishoritai Bhoir college of Pharmacy Kamptee	Research project	Pharmacodynamic studies to investigate the efficacy of the novel formulations for the anti alzheimers activity	2019 - 2020

27	LifeScient. INC	Research project	Development of a nebuliser for COVID patients and publication and patent	2020 - 2021
28	University of Pecs Doctoral School of Health Sciences Pecs ungary	Research project	project and pubication	2019 - 2020
29	Indian Institute of Technology Mumbai	Research project	Developmnet of skin on a chip	2019 - 2020
30	Tripura University	Research project	Applied for a project to DBT	2020 - 2021
31	Institute of Life Sciences Bhubaneshwar	Research project	Antiviral testing of New Chemical Entities	2020 - 2021
32	National Institute of Virology Pune	Research project	Anti SARS CoV testing of phytochemicals	2020 - 2021
33	University of Birmingham UK	Seminars/conferences/workshops	Newton Bhabha Researcher Links Workshop	2019 - 2020
34	School of Pharmacy and Technology Management Mumbai	Research publication	One review paper	2019 - 2020
35	SD School of Science Mumbai	Research publication	Three research papers	2019 - 2020
36	Godavari Biorefineries Limited	Research publication	Two research papers and Three patents	2019 - 2020
37	Board of Radiation Isotope Technology Mumbai	Research project	Research Project and publication	2019 - 2020
38	National AIDS Research Institute Pune	Research project	Research Project and publication	2019 - 2020
39	Queens University Belfast UK	Student exchange	Research Project and publication	2019 - 2020
40	King s College London	Research project	Research project and publication	2019 - 2020
41	King s College London	Research project	PhD project and publication	2019 - 2020
42	National Institute of Research in Reproductive Health Mumbai	Research project	Research project and publication	2019 - 2020
43	Tata Memorial Hospital RMC Mumbai	Research project	Research project and publication	2019 - 2020
44	Department of Biosciences and Bioengineering IIT Mumbai	Research project	Research project and publication	2019 - 2020
45	National Institute of Mental Health and NeuroSciences Bangalore	Research project	Research project and publication	2019 - 2020
46	Atlanta Georgia USA	Research project	Research project and publication	2019 - 2020
47	Miami University USA	Research project	PhD project and publication	2019 - 2020
48	University of Delaware USA	Research project	PhD project and publication	2019 - 2020
49	ACTREC	Research project	PhD project and publication	2019 - 2020
50	BARC	Research project	PhD project and publication	2019 - 2020
51	CDRI Lucknow	Research publication	PhD project and publication	2019 - 2020
52	INMAS New Delhi	Research publication	PhD project and publication	2019 - 2020
53	UM DAE CEBS University of Mumbai	Research publication	PhD project and publication	2019 - 2020
54	MCVR Manipal	Research project	PhD project and publication	2019 - 2020
55	NIRRH	Research publication	PhD project and publication	2019 - 2020
56	NIRRH	Research project	PhD project and publication	2019 - 2020

Details of Research Publications in Indexed Journals for the past 3 Years

S.No	Authors	Title	Journal	Volume:Issue;Page Numbers	Impact Factor (Provided by JCRfi only)	Year
1	Y Sutar S Fulton S Paul S Altamirano S Mhatre H Saeed P Patel S Mallick R Bhat V Patravale H Chauhan K Nielsen A Date	Docusate-Based Ionic Liquids of Anthelmintic Benzimidazoles Show Improved Pharmaceutical Processability, Lipid Solubility, and in Vitro Activity against Cryptococcus neoformans	ACS Infectious Diseases	7:9;2637-2649	5.084	2021 - 2022
2	S Pukale A Pandya V Patravale	Synthesis, characterization and topical application of novel bifunctional peptide metallodendrimer	Journal of Drug Delivery Science and Technology	66; 102925	3.981	2021 - 2022
3	S Gite P Kakade V Patravale	Surface Engineering of Fenofibrate Nanocrystals Using Nano by Design Multivariate Integration A Biopharmaceutical and Pharmacokinetic Perspective	Current Drug Delivery	18:9;1314-1329	2.565	2020 - 2021
4	S Dhoble V Ghodake V Peshattiwar V Patravale	Site-Specific Delivery of Inhalable Antiangiogenic Liposomal Dry Powder Inhaler Technology Ameliorates Experimental Pulmonary Hypertension	Journal of Drug Delivery Science and Technology	102396	3.981	2020 - 2021
5	M Sane V Dighe R Patil P Hassan S Gawali V Patravale	Bivalirudin and sirolimus co eluting coronary stent Potential strategy for the prevention of stent thrombosis and restenosis	International Journal of Pharmaceutics	600: 120403	5.875	2020 - 2021
6	P Patel A Pol D Kalaria A Date Y Kalia V Patravale	Microemulsion based gel for the transdermal delivery of rasagiline mesylate In vitro and in vivo assessment for Parkinsons therapy	European Journal of Pharmaceutics and Biopharmaceutics	165:66-74	5.571	2020 - 2021
7	M Chogale S Dhoble V Patravale	A triple combination nano dry powder inhaler for tuberculosis in vitro and in vivo pulmonary characterization	Drug Delivery and Translational Research	11:4;1520-1531	4.617	2020 - 2021
8	S Mhatre S Naik V Patravale	Exploring green and industrially scalable MICROFLUIDIZER technology for development of barium sulphate nanosuspension for enhanced contrasting	Journal of Drug Delivery Science and Technology	102567	3.981	2020 - 2021

9	S Vyas S Dhoble V Ghodake V Patravale	Xyloglucan based mucosal nanovaccine for immunological protection against brucellosis developed by supercritical fluid technology	International Journal of Pharmaceutics X	2; 100053	4.845	2020 - 2021
10	R Pawar V Patravale	A Step towards Treating Dengue Viral Infection An In Silico Approach to Identify Potential Antidengue Phytoconstituents	Chemistry Select	5:44; 13837-13854	1.811	2020 - 2021
11	S Mhatre S Naik V Patravale	A molecular docking study of ECGC and Theaflavin digallate with the druggable targets of SARS CoC 2	Computers in Biology and Medicine.	129; 104137	3.434	2020 - 2021
12	V Ghodake J Vishwakarma S Vavilala V Patravale	Cefoperazone sodium liposomal formulation to mitigate P aeruginosa biofilm in Cystic fibrosis infection A QbD approach	International Journal of Pharmaceutics	587; 119696	4.845	2020 - 2021
13	M Chogale S Gite V Patravale	Comparison of media milling and microfluidization methods for engineering of nanocrystals a case study	Drug Development and Industrial Pharmacy	46:11; 1763-1775	2.295	2020 - 2021
14	Susmit Mhatre Tishya Srivastava Shivraj Naik Vandana Patravale	Antiviral activity of green tea and black tea polyphenols in prophylaxis and treatment of COVID 19 a review	Phytomedicine	153286	4.268	2020 - 2021
15	S Vyas M Khambete R Gudhka S Panchamia M Degani V Patravale	In silico modeling of functionalized polymethylvinyl ether maleic acid for controlled drug release in the ocular milieu	Drug Delivery and Translational Research	10; 1085-1094	2.98	2019 - 2020
16	S Vyas M Khambete R Gudhka S Panchamia M Degani V Patravale	Network topology of LMWG cross linked xyloglucan hydrogels for embedding hydrophobic nanodroplets mechanistic insight and molecular dynamics	Drug Delivery and Translational Research	10; 1076-1084	2.98	2019 - 2020
17	Prashant G Upadhaya Sreeranjini Pulakkat Vandana B Patravale	Nose-to-brain delivery exploring newer domains for glioblastoma multiforme management	Drug delivery and translational research	10;1044-1056	2.98	2019 - 2020
18	P Kakade S Gite V Patravale	Development of Atovaquone Nanosuspension Quality by Design Approach	Current drug delivery	17:2; 112-125	1.752	2019 - 2020
19	P Kharkar S Talkar V Patravale	An industrially viable technique for fabrication of docetaxel NLCs for oncotherapy	International Journal of Pharmaceutics	577; 119082	4.845	2019 - 2020
20	R Bhuptani V Patravale	Starch microsponges for enhanced retention and efficacy of topical sunscreen	Materials Science and Engineering C	104; 109882	5.88	2019 - 2020
21	S Dhoble V Patravale	Development of anti-angiogenic erlotinib liposomal formulation for pulmonary hypertension a QbD approach	Drug Delivery and Translational Research	9:5;980-996	2.98	2019 - 2020
22	A Mirani H Kundaikar S Velhal V Patel A Bandivdekar M Degani V Patravale	Tetrahydrocurcumin loaded vaginal nanomicrobicidefor prophylaxis of HIV AIDS in silico study formulation development and in vitro evaluation	Drug Delivery and Translational Research	9:4; 828-847	2.98	2019 - 2020
23	G. Mehta M P Joshi S V. Joshi	Non Steroidal Human Performance Enhancing Agents	Indian Drugs	57:12; 07	0	2020 - 2021
24	R B Carvalho S V Joshi	Ibuprofen isobutanolammonium salt	Journal of Thermal Analysis and Calorimetry	139 1971 to 1976	0	2020 - 2021
25	S A Gangurde K S Laddha S V Joshi	A modified efficient method for isolation of Rhein from cassia angustifolia Senna	International Journal of Pharmaceutical Sciences and Research	11:3;1270	0	2019 - 2020
26	S A Gangurde K S Laddha S V Joshi	A greener approach to synthesis of Diacerein	Indian Drugs	56 :4; 07	0	2019 - 2020
27	R B Carvalho S V. Joshi	Solvent and catalyst free synthesis of three four dihydropyrimidin 21Hones or thiones by twin screw extrusion	Green Chemistry	21 1921 to 1924	0	2019 - 2020
28	Telange Darshan R Ukey Sarita A Hemke Atul T Umekar Milind J Pethe Anil M Kharkar Prashant S	LIPOID SPC3 based coprecipitates for the enhancement of aqueous solubility and permeability of ranolazine	J Pharm Innovat	643658	2.750	2021 - 2022
29	Shah Hriday Jain Ashvi S Joshi Shreerang V Kharkar Prashant S	Crocetin and related oxygen diffusion enhancing compounds Review of chemical synthesis pharmacology clinical development and novel therapeutic applications	Drug Development Research	82:7;883-895	4.360	2021 - 2022
30	Joshi Maithili P Chaudhari Ameya Kharkar Prashant S Joshi Shreerang V	Chemistry of iodinated contrast media A Minireview	Mini Rev Org Chem	187;885-901	2.495	2021 - 2022
31	Telange Darshan R Sohail Nazish K Hemke Atul T Kharkar Prashant S Pethe Anil M	Phospholipid complex loaded selfassembled phytosomal soft nanoparticles Evidence of enhanced solubility dissolution rate ex vivo permeability oral bioavailability and antioxidant potential of mangiferin	Drug Deliv Transl Res	11;10561083	4.617	2021 - 2022
32	Padhariya Komal Athavale Maithili Srivastava Sangeeta Kharkar Prashant S	A novel series of substituted triazoles as potential cancer stem cell CSC inhibitors Synthesis and biological evaluation	Drug Development Research	82:1;68-85	1.902	2021 - 2022

33	Shinde Kailas W Kharkar Prashant S Shah Chetan P Rathod Shrimant V	Synthesis molecular docking and biological evaluation of novel 23chlorophenylquinoline4carboxamide derivatives as potent antibreast cancer and antibacterial agents	Thai J Pharm Sci	45:1;41-49	0	2021 - 2022
34	Pherwani P U Sathaye S	Esculetin affects the microarchitecture of long bones in vivo and the alkaline phosphatase activity and bone nodule formation in vitro	Indian Journal of Experimental Biology IJEB	59;391-397	0.783	2020 - 2021
35	Kaikini AA Muke S Peshattiwar V Bagle S Dighe V Sathaye S	Ethyl ferulate, a lipophilic phenylpropanoid, prevents diabetes associated renal injury in rats by amelioration of hyperglycemiainduced oxidative stress via activation of nuclear factor erythroid 2related factor 2	Journal of Food Biochemistry	45;4	5.609	2021 - 2022
36	Joshi A Bhojwani H Wagal O Begwani K Joshi U Sathaye S Kanchan D	Evaluation of Benzamide-chalcone Derivatives as EGFRCDK2 inhibitor Synthesis invitro Inhibition and Molecular Modeling Studies	Anticancer Agents in Medicinal Chemistry	0	2.478	2021 - 2022
37	Joshi A J Bhojwani H R Joshi U Begwani K V Wagal O S Sathaye S s Kanchan D M	Cinnamamide-Chalcone Derivatives as CDK2 Inhibitors Synthesis Pharmacological Evaluation and Molecular Modelling Study	Research square	0	0	2021 - 2022
38	Telange Darshan R Jain Shirish P Pethe Anil M Kharkar Prashant S Rarokar Nilesh R	Use of combined nanocarrier system based on chitosan nanoparticles and phospholipids complex for improved delivery of ferulic acid	Int J Biol Macromol	171;288-307	5.162	2021 - 2022
39	Sahoo S Kharkar Prashant S Sahu Niteshkumar U Brijesh S	Anxiolytic activity of Psidium guajava leaves ethanolic extract in mice subjected to chronic restraint stress	Phytotherapy Res	35:3;1399-1415	4.087	2021 - 2022
40	Jahagirdar PS Gupta PK Kulkarni SP and Devarajan PV	Polymeric Curcumin Nanoparticles by A Facile In Situ Method For Macrophage Targeted Delivery	Bioengineering and Translational Medicine	41:14151	6.091	2019 - 2020
41	Maithania HV Mohanty BS Chaudhari PR Samad A and Devarajan PV.	Shape mediated splenotropic delivery of buparvaquone loaded solid lipid nanoparticles	Drug Delivery and Translational Research	Drug Delivery and Translational Research	3.111	2019 - 2020
42	Kotak DJ Devarajan PV	Bone targeted delivery of salmon calcitonin hydroxyapatite nanoparticles for sublingual osteoporosis therapy (SLOT).	Nanomedicine Nanotechnology Biology and Medicine	24:102153	6.5	2019 - 2020
43	Chawla SS Gorakshakar AC Ghosh KK Madkaikar MR Devarajan PV.	Fabrication of gelatin functionalized silver nanoparticles for blood group profiling.	Nanotechnology	31 29 :295102	3.551	2019 - 2020
44	Das S Devarajan PV.	Enhancing safety and efficacy by altering the toxic aggregated state of Amphotericin B in lipidic nanoformulations	Enhancing safety and efficacy by altering the toxic aggregated state of Amphotericin B in lipidic nanoformulations	23;17 6 218695	4.321	2019 - 2020
45	Bachhav SS Dighe V Mali N Gogtay NJ Thatte UM Devarajan PV.	NosetoBrain Delivery of Diazepam from an Intranasal AquaTriggered InSitu (ATIS) Gelling Microemulsion Monitoring Brain Uptake by Microdialysis	European Journal of Pharmacology	19;15	1.913	2019 - 2020
46	Lokhande AS Devarajan PV	A review on possible mechanistic insights of Nitazoxanide for repurposing in COVID19. European Journal of Pharmacology	European Journal of Pharmacology	20:173748	1.913	2019 - 2020
47	Joshi HA Patwardhan RS Sharma D Sandur SK Devarajan PV	Preclinical Evaluation of An Innovative Oral Nanoformulation of Baicalein for Modulation of Radiation Responses	International Journal of Pharmaceutics	24:120181	5.871	2019 - 2020
48	John R Dalal B Shankarkumar A Devarajan PV	Innovative Betulin Nanosuspension exhibits enhanced anticancer activity in a Triple Negative Breast Cancer Cell Line and Zebrafish angiogenesis model	International Journal of Pharmaceutics	22:120511	5.871	2020 - 2021
49	Dawre S Devarajan PV Samad A	Enhanced Antibacterial Activity Of Doxycycline And Rifampicin Combination Loaded In Nanoparticles Against Intracellular Brucella Abortus	Current Drug Delivery	Apr-00	2.565	2020 - 2021
50	Wavhule P Devarajan PV	Development and Optimization of Microballoons Assisted Floating Tablets of Baclofen	AAPS PharmSciTech	272 22 8	3.246	2020 - 2021
51	Ipar V Singhal R Devarajan PV.	An innovative approach using microencapsulated turmeric oleoresin to develop readytouse turmeric milk powder with enhanced oral bioavailability	Food Chemistry	373	7.51	2020 - 2021
52	Divya Jain Srushti Tambe Purnima Amin	Formulation performance window for manufacturing sustained-release mini-matrices of highly water-soluble drug using hot-melt extrusion technology	Cellulose	Under review	5.04	2021 - 2022
53	Sharvari Kshirsagar and Purnima Amin	Comparative evaluation of Ibuprofen co-crystals prepared by solvent evaporation and hot melt extrusion technology	Journal of Drug Delivery Science and Technology	TBD	3.92	2021 - 2022

54	Rahul Shete and Purnima D. Amin	The impacts of method selectivity and binders on the properties of carbamazepine granules and their applications A Case Study	Pharmaceutical Sciences	TBD	0	2021 - 2022
55	Sharda Gurram Devanshi S. ShahDurgesh K. Jha and Purnima D. Amin	Determination of Microstructural Impact on the Release of Drug from Hydroxypropyl Cellulose Gel by Validated In Vitro Release Test Method	ASSAY and Drug Development Technologies	Vol 19:8;1-17	1.738	2021 - 2022
56	Durgesh K.Jha Devanshi S.Shah Purnima D.Amin	Effect of Hypromellose Acetate Succinate Substituents on Miscibility Behavior of Spray-dried Amorphous Solid Dispersions Flory-Huggins Parameter Prediction and Validation	Carbohydrate Polymer Technologies and Applications	Vol 2;100137	4.07	2021 - 2022
57	Srushti Tambe Divya Jain Purnima Amin	Simultaneous determination of dorzolamide and timolol by first-order derivative UV spectroscopy in simulated biological fluid for in vitro drug release testing	Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy	Vol 255:5; 119682	3.23	2021 - 2022
58	Umesh K Shinde Dilipkumar G Suryawanshi Purnima D Amin	Development of Gelucire 48or16 and TPGS Mixed Micelles and Its Pellet Formulation by Extrusion Spheronization Technique for Dissolution Rate Enhancement of Curcumin	AAPS PharmSciTech	Vol 22: 5;1-11	2.66	2021 - 2022
59	Dilipkumar Suryawanshi Pradipkumar Wavhule Umesh Shinde Mamta Kamble Purnima Amin	Development optimization and in-vivo evaluation of cyanocobalamin loaded orodispersible films using hot-melt extrusion technology A quality by design (QbD) approach	Journal of Drug Delivery Science and Technology	Vol 63; 102559	3.92	2021 - 2022
60	Rahul Tatyrao Shete Purnima Dhanraj Amin	An investigation of Granulation Techniques Evaluates Flow Behaviour Friability and Drug Release of Metformin Hydrochloride	Solid State Technology	Vol 64 : 2;5651-5669	0.095	2021 - 2022
61	Devanshi S Shah Durgesh K Jha Sharda Gurram Marc Sune Pou Encarnacion Garcia Montoya Purnima D Amin	A new SeDeM-SLA expert system for screening of solid carriers for the preparation of solidified liquids A case of citronella oil	Powder Technology	Vol 382; 605-618	4.14	2021 - 2022
62	Ashish S Rajput Durgesh K Jha Sharda Gurram Devanshi S Shah Purnima D Amin	RP-HPLC method development and validation for the quantification of Efonidipine hydrochloride in HME processed solid dispersions	Future Journal of Pharmaceutical Sciences	Vol 6: 1; 1-9	0	2020 - 2021
63	Durgesh K Jha Devanshi S Shah Purnima D Amin	Thermodynamic aspects of the preparation of amorphous solid dispersions of Naringenin with enhanced dissolution rate	International journal of pharmaceuticals	Vol 583:15;119363	5.875	2020 - 2021
64	Durgesh K Jha Devanshi S Shah Shwetal R Talele Purnima D Amin	Correlation of two validated methods for the quantification of naringenin in its solid dispersion HPLC and UV spectrophotometric methods	SN Applied Sciences	Vol 2: 4; 1-11	1	2020 - 2021
65	HARITA R DESAI ARCHANA B RAJADHYAX PURNIMA D AMIN	PARTIAL AMORPHIZATION OF POORLY-SOLUBLE SIMVASTATIN USP USING MEDIA MILLING IN SYNERGISM WITH SPRAY- DRYING	International Journal of Pharmacy and Pharmaceutical Sciences	Vol 12:114-121	0	2020 - 2021
66	Dilipkumar Suryawanshi Durgesh Kumar Jha Umesh Shinde Purnima D. Amin	Development and validation of a stability-indicating RP-HPLC method of cholecalciferol in bulk and pharmaceutical formulations Analytical quality by design approach	Journal of Applied Pharmaceutical Science	Vol 9:06;021-032	1.376	2019 - 2020
67	Suryawanshi D Shinde U Jha DK Amin P.	Application of Quality by Design Approach for Hot-Melt Extrusion Process Optimization	Pharmaceutical Quality by Design	vol 158 209 228	0	2019 - 2020
68	Ayyub KT Moravkar K Maniruzzaman M Amin P.	Effect of melt extrudability and melt binding efficiency of polyvinyl caprolactam polyvinyl acetate polyethylene glycol graft copolymer Soluplus on release pattern of hydrophilic and high dose drugs	Materials Science and Engineering C	vol 99 563-574	7328	2019 - 2020
69	Mehta Gaurava Ahuja Natesha Abhyankar Arundhati Degani Mariam	Biochemical aspects of hemoglobin-xenobiotic interactions and their implications in drug discovery	Biochimie	0	3.413	2021 - 2022
70	Shamlan M. S. Reshamwala Vishakha Likhite Mariam S. Degani Shalini S. Deb Santosh B. Noronha	Mutations in SARS CoV two nsp seven and nsp eight proteins and their predicted impact on replication or transcription complex structure	Journal of Medical Virology	93:7; 4616-4619	2.327	2021 - 2022
71	Archana Raju Suparna Subrata De Mukti Kanta Ray Mariam Sohel Degani	Antituberculosis Activity of Polyphenols of Areca catechu	International Journal of Mycobacteriology	10:1; 13 to 18	1.21	2021 - 2022
72	Suparna S. De Siva K. Vogalu Nazima Ansari Rajendra Patil Dharmarajan Sriram and Mariam S Degani	2,4-Diaminotriazines as anti-infective agents	Journal of the Indian Chemical Society	97; 1211-1215	0.233	2020 - 2021
73	Gore M Narvekar A Bhagwat A Jain R Dandekar P	Macromolecular cryoprotectant for the preservation of mammalian cell culture lessons from crowding overview and perspectives	Journal of Materials Chemistry B	just accepted	5.04	2021 - 2022
74	Patil S Gupta K Pandit A Desai B Gschliesser S Dandekar P Jain R	Oral delivery of peptide formulations and their cellular evaluation	International Journal of Peptide Research and Therapeutics	just accepted	1.93	2021 - 2022

75	Khare L Jain R Dandekar P	Alternate synthesis of Olanexidine base employing phase transfer catalysis	Journal of the Indian Chemical Society	just accepted	0.284	2021 - 2022
76	More MP Patil S Ghodke S Patil PO Jain R Dandekar P Deshmukh PK	Development of cross linked collagen or pullulan ocular film for sustained delivery of Besifloxacin using novel spin coating technique	Journal of Materials Research	just accepted	3.089	2021 - 2022
77	Jahagirdar D Bangde P Jain R Dandekar P	Degenerative disease on a chip Developing microfluidic models for rapid availability of newer therapies	Biotechnology Journal	just accepted	2.681	2021 - 2022
78	Dobhal A Srivastav A Dandekar P Jain R	Influence of Lactide Vs Glycolide composition of poly (lactic-co-glycolic acid) (PLGA) polymers on encapsulation of hydrophobic molecules Molecular dynamics and formulation studies	Journal of Materials Science Materials in Medicine	just accepted	2.489	2021 - 2022
79	Gupta K Modi D Jain R Dandekar P	A stable CHO K1 cell line for producing recombinant monoclonal antibody against TNF	Molecular Biotechnology	63; 828 to 839	2.022	2021 - 2022
80	Patil S Pandit A Godbole A Dandekar P Jain R	Chitosan based co-processed excipient for improved tableting performance,	Carbohydrate Polymer Technologies and Applications	2; 100071	0	2021 - 2022
81	Gaikwad G Rohra N Kumar C Jadhav S Sarma HD Borade L Chakraborty S Bhagwat S Dandekar P Jain R Chakravarty R	A facile strategy for synthesis of a broad palette of intrinsically radiolabeled chitosan nanoparticles for potential use in cancer theranostics	Journal of Drug Delivery Science and Technology	63; 102485	3.981	2021 - 2022
82	Pandit A Indurkar A Deshpande C Jain R Dandekar P	A systematic review of physical techniques for chitosan degradation	Carbohydrate Polymer Technologies and Applications	2; 100033	0	2021 - 2022
83	Indurkar A Pandit A Jain R Dandekar P	Plant-based biomaterials in tissue engineering	Bioprinting	21; e00127	3.25	2021 - 2022
84	Sutar T Bangde P Dandekar P Adivarekar RV	Herbal hemostatic biopolymeric dressings of alginate or pectin coated with Croton oblongifolius extract	Carbohydrate Polymer Technologies and Applications	2: 100025	0	2021 - 2022
85	Khare L Karve T Jain R Dandekar P	Menthol based hydrophobic deep eutectic solvent for extraction and purification of ergosterol using response surface methodology	Food Chemistry	340 ;127979	6.306	2021 - 2022
86	Aware N Pant T Jain R Dandekar P	Polymethylmethacrylate Copolymer-Based Microcarriers for Culturing Mammalian Cells	Journal of Pharmaceutical Innovation	12247-020-09532-3	1.692	2020 - 2021
87	Ghodke S Parkar J Deshpande A Dandekar P Jain R	Structure Activity Relationship of Polyester Based Cationic Polyrotaxane Vector Mediated In Vitro siRNA Delivery Effect on Gene Silencing Efficiency	ACS Applied Bio Materials	3: 11; 7500-7514	3.25	2020 - 2021
88	Gaikwad G Bangde P Rane K Stenberg J Borde L Bhagwat S Dandekar P Jain R	Continuous production and separation of new biocompatible palladium nanoparticles using a droplet microreactor	Microfluidics and Nanofluidics	25 and 27	2.47	2020 - 2021
89	Shaikh E Khare L Jain R Dandekar P	Design of experiments approach for maximising extraction of vitamin D2 from mushrooms	Journal of Food and Nutrition Research	59; 367 to 379	0.925	2020 - 2021
90	Patil A Dyawanapelly S Dandekar P Jain R.	Fabrication and Characterization of Non-spherical Polymeric Particles, Journal of Pharmaceutical Innovation	Journal of Pharmaceutical Innovation	12; 1-12	1.692	2020 - 2021
91	Srivastav A Gupta K Chakraborty D Dandekar P Jain R	Efficiency of Chitosan Coated PLGA Nanocarriers for Cellular Delivery of siRNA and CRISPR or Cas9 Complex,	Journal of Pharmaceutical Innovation	1 ;14	1.692	2020 - 2021
92	Indurkar A Bangde P Gore M Agrawal AK Jain R Dandekar	Fabrication of guar gum-gelatin scaffold for soft tissue engineering	Carbohydrate Polymer Technologies and Applications	1; 100006	0	2020 - 2021
93	Indurkar A Bangde P Gore M Reddy P Jain R Dandekar P	Optimization of guar gum-gelatin bioink for 3D printing of mammalian cells,	Bioprinting	20; e00101	6.54	2020 - 2021
94	Holkar A Ghodke S Bangde P Dandekar P Jain R	Fluorescence Based Detection of Cholesterol Using Inclusion Complex of Hydroxypropyl Beta Cyclodextrin and I Tryptophan as the Fluorescence Probe	Journal of Pharmaceutical Innovation	1 and 10	1.692	2020 - 2021
95	Narvekar A Gawali SL Hassan PA Jain R Dandekar P	pH dependent aggregation and conformation changes of rituximab using SAXS and its comparison with the standard regulatory approach of biophysical characterization	International Journal of Biological Macromolecules	164; 3084-3097	5.162	2020 - 2021
96	Pandit A Khare L Jahagirdar D Srivastava A Jain R Dandekar P	Probing synergistic interplay between bio-inspired peptidomimetic chitosan-copper complexes and doxorubicin,	International Journal of Biological Macromolecules	161; 1475-1483	5.162	2020 - 2021
97	Mistry P Chhabra R Muke S Sathaye S Jain R Dandekar P	Fabrication and characterization of starch-TPU based nanofibers for wound healing applications	Materials Science and Engineering C	111316	5.88	2020 - 2021
98	Ghodke S Mahajan P Gupta K Avadhani CV Dandekar P Jain R	Biodegradable polyester of poly ethylene glycol sebacic acid as a backbone for Beta Cyclodextrin polyrotaxane A promising gene silencing vector	Current Gene Therapy	19 ; 274 287	2.16	2019 - 2020

99	Yadav V Krishnan RA Jain R Dandekar P	In situ silver nanoparticles formation as a tool for non enzymatic glucose sensing Study with an enzyme mimicking salt	Colloids and Surfaces A Physicochemical and Engineering Aspects	580; 123715	1.69	2019 - 2020
100	Koli U Nilgiriwala K Sriraman K Jain R Dandekar P	Targeting tuberculosis infection in macrophages using chitosan oligosaccharide nanoplexes	Journal of Nanoparticle Research	21; 200	2.132	2019 - 2020
101	Gupta K Parasnis Mb Jain R Dandekar P	Vector-related stratagems for enhanced monoclonal antibody production in mammalian cells	Biotechnology Advances	37; 107415	12.831	2019 - 2020
102	Dey A Stenberg J Dandekar P Jain R	A combinatorial study of experimental analysis and mathematical modeling How do chitosan nanoparticles deliver therapeutics into cells	Carbohydrate Polymers	229; 115437	7.182	2019 - 2020
103	Pandit A Deshpande C Patil S Jain R Dandekar P	Mechanistic insights into controlled depolymerization of Chitosan using H-Mordenite	Carbohydrate Polymers	230; 115600	7.182	2019 - 2020
104	Biranje SS Madiwale PV Patankar KC Chhabra R Bangde P Dandekar P Adivarekar RV	Cytotoxicity and hemostatic activity of chitosan or carrageenan composite wound healing dressing for traumatic haemorrhage	Carbohydrate Polymers	239; 116106	7.182	2019 - 2020
105	Chhabra R Peshattiwar V Pant T Deshpande A Modi D Sathaye S Tibrewala A Dyawanapelly S Jain R Dandekar P	In Vivo Studies of 3D Starch Gelatin Scaffolds for Full Thickness Wound Healing	ACS Applied Bio Materials	3; 5; 2920	5	2019 - 2020
106	Dobhal A Srivastav A Dandekar P Jain R	Insights into the miscibility of polymethyl methacrylate PMMA and Nile blue oxazone NBO fluorophores tacticity and chain length aspects	Computational Materials Science	175; 109601	2.863	2019 - 2020
107	Mahajan TA Bangde PS Dandekar P Jain R	Greener approach for synthesis of N,N,N-trimethyl chitosan (TMC) using ternary deep eutectic solvents (TDESs)	Carbohydrate Research	493; 108033	1.841	2019 - 2020
108	Trimukhe AM Pofali PA Vaidya AA Koli UB Dandekar P RR Deshmukh R Jain	Pulsed plasma surface functionalized nanosilver for gene delivery.	Frontiers in Bioscience Landmark Edition	25: 1854-1874	2.349	2019 - 2020
109	Patil S Pandit A Gaikwad G Dandekar P Jain R	Exploring Microfluidic Platform Technique for Continuous Production of Pharmaceutical Microemulsions	Journal of Pharmaceutical Innovation	9437	1.692	2019 - 2020
110	Krishnan RA Mhatre O Sheth J Prabhu S Jain R Dandekar P	Synthesis of zinc oxide nanostructures using orange peel oil for fabricating chitosan-zinc oxide composite films and their antibacterial activity	Journal of Polymer Research	27 :8; 1-13	1.58	2019 - 2020
111	Hatvate NT Ghodse SM Telvekar VN	ZSM-5 catalyzed one pot three-component synthesis of 5-substituted-1H-tetrazoles from aldehyde	Synthetic Communications	49 ::24;3553-3559	1.439	2019 - 2020
112	Sutar YB Mali JK Telvekar VN Rajmani RS Singh A	Transferrin conjugates of antitubercular drug isoniazid Synthesis and in vitro efficacy	European Journal of Medicinal Chemistry	183;111713	4.833	2019 - 2020
113	Palav A Misal B Ernolla A Parab V Waske P Khandekar D Chaudhary V Chaturbhuj G	The m CPBANH three g system A safe and scalable alternative for the manufacture of substituted pyridine and quinoline N oxides	Organic Process Research and Development	23 :2;244-251	3.327	2019 - 2020
114	Pai SA Munshi RPPanchal FH Gaur ISMestry SN Gursahani MS Juvekar AR	Plumbagin reduces obesity and nonalcoholic fatty liver disease induced by fructose in rats through regulation of lipid metabolism, inflammation and oxidative stress	Biomedicine and Pharmacotherapy	111;686-694	3.743	2019 - 2020
115	Bandawane DD Jadhav SB Juvekar AR	Exploration of protective effect of hydroalcoholic extract of alstonia scholaris bark in STZ-induced early diabetic nephropathy model in rats	Indian Drugs	56: 8;69-78	0.07	2019 - 2020
116	Pai SA Martis EA Munshi RP Gursahani MS Mestry SN Juvekar AR	Chrysin mitigated obesity by regulating energy intake and expenditure in rats	Journal of Traditional and Complementary Medicine	o	0	2019 - 2020
117	Pai SA Munshi RP Panchal FH Gaur IS Juvekar AR	Chrysin ameliorates nonalcoholic fatty liver disease in rats	Naunyn Schmiedeberg's Archives of Pharmacology	392:12;1617-128	2.058	2019 - 2020
118	Shelke PB Mali SN Chaudhari HK Pratap AP	Chitosan hydrochloride mediated efficient, green catalysis for the synthesis of perimidine derivatives	Journal of Heterocyclic Chemistry	56 :11;3048-3054	1.241	2019 - 2020
119	Kshatriya R Kambale D Mali S Jejurkar VP Lokhande P Chaudhari HK Saha S	Branched acid catalyzed domino synthesis of functionalized 4H-chromens and their ADMET, molecular docking and antibacterial studies	ChemistrySelect	4 :27;7943-7948	1.716	2019 - 2020
120	Ghanavatkar CW Mishra VR Mali SN Chaudhari HK Sekar N	Synthesis, bioactivities, DFT and in-silico appraisal of azo clubbed benzothiazole derivatives	Journal of Molecular Structure	1192;162-171	2.011	2019 - 2020
121	Qureshi SI Chaudhari HK	Design, synthesis, in-silico studies and biological screening of quinazolinone analogues as potential antibacterial agents against MRSA	Bioorganic and Medicinal Chemistry	27 :12;2676-2688	2.793	2019 - 2020
122	Mali SN Chaudhari HK	Molecular modelling studies on adamantane-based Ebola virus GP-1 inhibitors using docking, pharmacophore and 3D-QSAR	SAR and QSAR in Environmental Research	30: 3;161-180	2.287	2019 - 2020

123	Wani RR Chaudhari HK Takale BS	Solvent free synthesis of n-substituted pyrroles catalyzed by calcium nitrate	Journal of Heterocyclic Chemistry	56 :4;1337-1340	1.241	2019 - 2020
124	Mishra VR Ghanavatkar CW Mali SN Qureshi SI Chaudhari HK Sekar N	Design, synthesis, antimicro-bial activity and computational studies of novel azo linked substituted benzimidazole, benzoxazole and benzothia-zole derivatives	Computational Biology and Chemistry	78;330-337	1.581	2019 - 2020
125	Chaudhari HK Pahelkar A	three D QSAR, docking, molecular dynamics simulations and MM-GBSA studies of extended side chain of the antitubercular drug	Infectious Disorders Drug Targets	19: 2:145-166	0	2019 - 2020
126	Mali SN Sawant S Chaudhari HK Mandewale MC	In silico appraisal, synthesis, antibacterial screening and DNA cleavage for 1,2,5-thiadiazole derivative	Current Computer Aided Drug Design	15:5; 445 to 455	1.2	2019 - 2020
127	Jejurkar VP Mali SN Kshatriya R Chaudhari HK Saha S	Synthesis, antimicrobial screening and in silico appraisal of iminocarbazole derivatives	ChemistrySelect	4 :32;470-9475	1.716	2019 - 2020
128	Komalatha N. Shhilpa G. Laddha K.S.	Isolation of starch from curcuma longa L and its characterization	IJPSR	11:11; 5712-5717	0	2020 - 2021
129	Akhade M.S Laddha K.S.	Quantitative assessment of Vasicine and Vasicinone in different marketed formulations using HPLC	Indian Drugs	56:8; 79-80	0	2019 - 2020
130	S. A. Gangurde K. S. Laddha and S. V. Joshi	A MODIFIED EFFICIENT METHOD FOR ISOLATION OF RHEIN FROM CASSIA ANGUSTIFOLIA (SENNA)	IJPSR	11: 3; 1270-1273	0	2019 - 2020
131	Gangurde S. A Laddha K. S. Joshi S.V.	A Greener Approach To Synthesis Of Diacerein	Indian Drugs	56:4; 7-12	0	2019 - 2020
132	Shefali Thakkar Kirti Laddha	Isolation and Characterization of Urolithin B from Asphaltum	Journal of Pharmacognosy and Phytochemistry	8:3; 138-140	0	2019 - 2020
133	Rohan Chhabra Vaibhavi Peshattiwar Tejal Pant Aparna Deshpande Deepak Modi Sadhana Sathaye Anil Tibrewala Satish Dyawanapelly Ratnesh jain Prajakta Dandekar	In Vivo Studies of three D Starch Gelatin Scaffolds for Full-Thickness Wound Healing	ACS applied bio materials	3:5; 2920-2929	0	2019 - 2020
134	Pherwani P.U. and Sathaye S	Treatment of Osteoporosis Current Scenario from a Research Perspective	Indian Journal of Pharmaceutical Education and Research	54:1;8-16	0	2019 - 2020
135	VaibhaviPeshattiwar SurajMuke AakrutiKaikini SnehaBagle VikasDighe SadhanaSathaye	Mechanistic evaluation of Ursolic acid against rotenone induced Parkinsons disease emphasizing the role of mitochondrial biogenesis	Brain Research Bulletin	160 :2020; 150 to161	3.37	2019 - 2020
136	AakrutiKaikini SurajMuke Vaibhavi Peshattiwar SnehaBagle ArunaKorde JayulaSarnaik Vijay Kadwad SatbirSachdev Sadhana Sathaye	Standardisation of Type 1 and Type 2 diabetic nephropathy models in rats Assessment and characterisation of metabolic features and renal injury	Journal of pharmacy and bioallied sciences	12:3; 295	1.04	2019 - 2020
137	Dr. Sanjay Tamoli Dr. Kuldeep Kohli Aakruti Kaikini Suraj Muke Afroj Shaikh Sadhana Sathaye	Vasant kusumakaras an ayurvedic Herbomineral formulation preventing development of diabetic retinopathy in rats	Journal of Ayurveda and Integrative medicine	11:3; 270-6	1.17	2019 - 2020
138	Sneha Bagle Suraj Muke Sagar Saha Shankarnarayanan Jayakodi Arunkanth Krishnakumar Sadhana Sathaye	Evaluation of novel and superior formulation CaroTex™ developed by biofusion technology	International Journal of Research in Pharmaceutical Sciences	10:3; 1868-1873	0.83	2019 - 2020
139	S. Vyas S. Dhoble V Ghodake V Patravale	Xyloglucan based mucosal nanovaccine for immunological protection against brucellosis developed by supercritical fluid technology	International Journal of Pharmaceutics X	2; 100053	4.845	2020 - 2021
140	R. Pawar V Patravale	A Step towards Treating Dengue Viral Infection An In Silico Approach to Identify Potential Antidengue Phytoconstituents	ChemistrySelect	5:44; 13837-13854	1.811	2020 - 2021
141	S Mhatre S Naik V Patravale	A molecular docking study of EGCG and Theaflavin digallate with the druggable targets of SARS-CoC-2	Computers in Biology and Medicine.	129; 104137	3.434	2020 - 2021
142	V. Ghodake J Vishwakarma S Vavilala V Patravale	Cefoperazone sodium liposomal formulation to mitigate P. aeruginosa biofilm in Cystic fibrosis infection A QbD approach	International Journal of Pharmaceutics	587; 119696	4.845	2020 - 2021
143	M Chogale S Gite V Patravale	Comparison of media milling and microfluidization methods for engineering of nanocrystals a case study	Drug Development and Industrial Pharmacy	46:11; 1763-1775	2.295	2020 - 2021
144	Susmit Mhatre Tishya Srivastava Shivraj Naik Vandana Patravale	Antiviral activity of green tea and black tea polyphenols in prophylaxis and treatment of COVID-nineteen a review	Phytomedicine	153286	4.268	2020 - 2021
145	Swapnil S Talkar Vandana B Patravale	Gene Therapy for Prostate CancerA Review	Endocrine Metabolic and Immune Disorders Drug Targets	0	2.17	2019 - 2020
146	S. Vyas M Khambete R Gudhka S Panchamia M Degani V Patravale	In silico modeling of functionalized poly(methylvinyl ether maleic acid for controlled drug release in the ocular milieue	Drug Deliv. and Transl. Res	10; 1085 1094	2.98	2019 - 2020

147	S Vyas M Khambete R Gudhka S. Panchamia M Degani V Patravale	Network topology of LMWG cross-linked xyloglucan hydrogels for embedding hydrophobic nanodroplets mechanistic insight and molecular dynamics	Drug Deliv. and Transl. Res	10 1076 1084	2.98	2019 - 2020
148	Prashant G Upadhaya Sreeranjini Pulakkat Vandana B Patravale	Nose-to-brain delivery exploring newer domains for glioblastoma multiforme management	Drug delivery and translational research	10 1044 1056	2.98	2019 - 2020
149	P Kakade S. Gite V Patravale	Development of Atovaquone Nanosuspension Quality by Design Approach	Current drug delivery	17:2; 112-125	1.752	2019 - 2020
150	P Kharkar S Talkar V Patravale	An industrially viable technique for fabrication of docetaxel NLCs for oncotherapy	International Journal of Pharmaceutics	577; 119082	4.845	2019 - 2020
151	R BhuptaniV Patravale	Starch microsponges for enhanced retention and efficacy of topical sunscreen	Materials Science and Engineering C	104; 109882	5.88	2019 - 2020
152	S. Dhoble V Patravale	Development of anti-angiogenic erlotinib liposomal formulation for pulmonary hypertension a QbD approach	Drug Delivery and Translational Research	9:5;980-996	2.98	2019 - 2020
153	A Mirani H Kundaikar S Velhal V Patel A Bandivdekar M Degani V Patravale	Tetrahydrocurcumin-loaded vaginal nanomicrobicidefor prophylaxis of HIV AIDS in silico study formulationdevelopment and in vitro evaluation	Drug Delivery and Translational Research	9:4; 828-847	2.98	2019 - 2020
154	A Mirani H Kundaikar S Velhal V Patel A Bandivdekar M Degani V Patravale	Evaluation of Phytopolyphenols for their gp120-CD4 Binding Inhibitory Properties by In Silico Molecular Modelling & In Vitro Cell Line Studies	Curr HIV Res	17:2;102-113	1.115	2019 - 2020
155	Saili Dharadhar Anuradha Majumdar Sagar Dhoble Vandana Patravale	Microneedles for transdermal drug delivery a systematic review	Drug development and industrial pharmacy	45:2; 188-201	2.295	2019 - 2020
156	Arehalli S Manjappa Popat S Kumbhar Ajit B Patil John I Disouza Vandana B Patravale	Polymeric mixed micelles improving the anticancer efficacy of single copolymer micelles	Critical Reviews TM tm in Therapeutic Drug Carrier Systems	36:01:00	2.9	2019 - 2020
157	Vyas S Khambete M Gudhka R Panchamia S Degani M Patravale V	Network topology of LMWG cross linked xyloglucan hydrogels for embedding hydrophobic nanodroplets mechanistic insight and molecular dynamics	Drug Delivery and Translational Research.	10;1076 to 084	2.9	2020 - 2021
158	Vyas S Khambete M Gudhka R Panchamia S Degani M Patravale V	In silico modeling of functionalized poly(methylvinyl ether or maleic acid) for controlled drug release in the ocular milieu.	Drug Delivery and Translational Research.	10; 1085 to 1094	2.9	2020 - 2021
159	Khambete MP Khare LP Kapadia AB Degani MS	Exploring the potential of pyrazoline containing molecules as Abeta aggregation inhibitors in Alzheimers disease.	Drug metabolism and personalized therapy.	35	0.91	2020 - 2021
160	Joshi S Joshi M Degani MS	Tackling SARS-CoV-2 proposed targets and repurposed drugs.	Future Medicinal Chemistry	12	3.9	2020 - 2021
161	Chatale BC Ananthanarayan L Degani MS	Binding Studies of Antipsychotic Drug Risperidone with Bita - Lactoglobulin Using Fluorimetry and Molecular Modelling.	In Conference on Drug Design and Discovery Technologies. The Royal Society of Chemistry	319-329	0	2020 - 2021
162	Agre N Tawari N Maitra A Gupta A Munshi T Degani M Bhakta S	3-(5-Nitrofuran-2-yl)prop-2-en-1-one Derivatives, with Potent Antituberculosis Activity, Inhibit A Novel Therapeutic Target, Arylamine N-acetyltransferase, in Mycobacteria.	Antibiotics	368	2.9	2020 - 2021
163	Agre N Khambete M Maitra A Gupta A Munshi T Bhakta S Degani M	Exploration of 5(5nitrothiophen2yl) 4, 5dihydro1H pyrazoles as selective, multitargeted antimycobacterial agents	Chemical Biology and Drug Design	95 :1;192-199	2.4	2020 - 2021
164	Mirani A Kundaikar H Velhal S Patel V Bandivdekar A Degani M Patravale V	Evaluation of phytopolyphenols for their gp120-CD4 binding inhibitory properties by in silico molecular modelling & in vitro cell line studies.	Curr HIV Res	17:1-12	1.1	2019 - 2020
165	Mirani A Kundaikar H Velhal S Patel V Bandivdekar A Degani M Patravale V	Tetrahydrocurcumin-loaded vaginal nanomicrobicide for prophylaxis of HIV or AIDS in silico study, formulation development and in vitro evaluation	Drug Deliv Transl Res	9 :4;828-847	2.9	2019 - 2020
166	Khambete M Murumkar P Kumar A Darreh Shori T De S Yadav M Degani M	Pyrazoline containing molecules as multifunctional agents in alzheimer s disease.	Indian Drugs	56: 10;22-25	0.07	2019 - 2020
167	Khambete M Kundaikar H Raju A Lonkar S Degani M Ray MK	Design and synthesis of 5-(5-nitrothiophen-2-yl)-3-phenyl-4,5-dihydro-1H-pyrazole derivatives with improved solubility and potential antituberculosis activity	Chem Biol Drug Des	93 :1;84-88	2.4	2019 - 2020
168	De SS Khambete MP Degani MS	Oxadiazole scaffolds in anti-tuberculosis drug discovery	Bioorg Med Chem Lett	29: 16;1999-2007	2.4	2019 - 2020
169	Chatale BC Degani MS	Synthesis and in-vivo taste assessment of meloxicam pivalate	Drug Dev Ind Pharm	1-9	2.29	2019 - 2020
170	tram A Kundaikar H Degani M Prabhu A	Molecular dynamic simulations on an inhibitor of anti-apoptotic Bcl-2 proteins for insights into its interaction mechanism for anti-cancer activity.	Journal of biomolecular structure and dynamics	37 :12;3109-3121	3.2	2019 - 2020

171	Agre N Degani M Gupta A Bhakta S Ray MK) Synthesis and mycobacterial evaluation of 5-substituted-6-acetyl-2-amino-7-methyl-5,8-dihydropyrido- 2,3-d pyrimidin 4(3H) one derivatives.	Arch Pharm Weinheim	352:2-9	2.59	2019 - 2020
172	Ghodke S Mahajan P Gupta K Avadhani CV Dandekar P Jain R	Biodegradable polyester of poly ethylene glycol -sebacic acid as a backbone for bita Cyclodextrin polyrotaxane A promising gene silencing vector	Current Gene Therapy	19 274-287	2.16	2019 - 2020
173	Yadav V Krishnan RA Jain R Dandekar P	In-situ silver nanoparticles formation as a tool for non-enzymatic glucose sensing Study with an enzyme mimicking salt,	Colloids and Surfaces A Physicochemical and Engineering Aspects	580 123715	1.69	2019 - 2020
174	Koli U Nilgiriwala K Sriraman K Jain R Dandekar P	Targeting tuberculosis infection in macrophages using chitosan oligosaccharide nanoplexes,	Journal of Nanoparticle Research	21 200	2.132	2019 - 2020
175	Gupta K Parasnis M Jain R Dandekar P	Vector-related stratagems for enhanced monoclonal antibody production in mammalian cells	Biotechnology Advances	37 107415	12.831	2019 - 2020
176	Dey A Stenberg J Dandekar P Jain R	A combinatorial study of experimental analysis and mathematical modeling How do chitosan nanoparticles deliver therapeutics into cells	Carbohydrate Polymers	229 115437	7.182	2019 - 2020
177	Pandit A Deshpande C Patil S Jain R Dandekar P	Mechanistic insights into controlled depolymerization of Chitosan using H-Mordenite	Carbohydrate Polymers	230 115600	7.182	2019 - 2020
178	Biranje SS Madiwale PV Patankar KC Chhabra R Bangde P Dandekar P Adivarekar RV	Cytotoxicity and hemostatic activity of chitosan or carrageenan composite wound healing dressing for traumatic haemorrhage	Carbohydrate Polymers	239 116106	7.182	2019 - 2020
179	Chhabra R Peshattiwar V Pant T Deshpande A Modi D Sathaye S Tibrewala A Dyawanapelly S Jain R Dandekar P	In Vivo Studies of 3D Starch Gelatin Scaffolds for Full-Thickness Wound Healing	ACS Applied Bio Materials	3 5 2920	5	2019 - 2020
180	Dobhal A Srivastav A Dandekar P Jain R	Insights into the miscibility of polymethyl methacrylate PMMA and Nile blue oxazone NBO fluorophores tacticity and chain length aspects	Computational Materials Science	175 109601	2.863	2019 - 2020
181	Mahajan TA Bangde PS Dandekar P Jain R	Greener approach for synthesis of N,N,N-trimethyl chitosan (TMC) using ternary deep eutectic solvents (TDESs)	Carbohydrate Research	493 108033	1.841	2019 - 2020
182	Trimukhe AM Pofali PA Vaidya AA Koli UB Dandekar P RR Deshmukh R Jain	Pulsed plasma surface functionalized nanosilver for gene delivery.	Frontiers in Bioscience Landmark Edition	25 1854 to 1874	2.349	2019 - 2020
183	Patil S Pandit A Gaikwad G Dandekar P Jain R	Exploring Microfluidic Platform Technique for Continuous Production of Pharmaceutical Microemulsions,	Journal of Pharmaceutical Innovation	9457	1.692	2019 - 2020
184	Krishnan RA Mhatre OSheth J Prabhu S Jain R Dandekar P	Synthesis of zinc oxide nanostructures using orange peel oil for fabricating chitosan-zinc oxide composite films and their antibacterial activity	Journal of Polymer Research	27 :8; 1 to 13	1.58	2019 - 2020
185	Lokhande AS Devarajan PV	A review on possible mechanistic insights of Nitazoxanide for Repurposing for COVID 19	European Journal of Pharmacology	0	3.2	2020 - 2021
186	Joshi HA Patwardhan RS Sharma D Sandur SK Devarajan PV	Pre-clinical Evaluation of An Innovative Oral Nano-formulation of Baicalein for Modulation of Radiation Responses	International Journal of Pharmaceutics	24:120181 Nov 20:173748	4.845	2020 - 2021
187	Bachhav SS Dighe V Mali N Gogtay NJ Thatte UM Devarajan PV	Nose to Brain Delivery of Diazepam from an Intranasal Aqua Triggered In Situ ATIS Gelling Microemulsion Monitoring Brain Uptake by Microdialysis.	European Journal of Drug Metabolism and Pharmacokinetics	19;1-5	1.913	2020 - 2021
188	Das S Devarajan PV	Enhancing safety and efficacy by altering the toxic aggregated state of Amphotericin B in lipidic nanoformulations	Molecular Pharmaceutics	23;17 6:2186-95	4.39	2020 - 2021
189	Chawla SS Gorakshakar AC Ghosh KK Madkaikar MR Devarajan PV	Fabrication of gelatin functionalized silver nanoparticles for blood group profiling	Nanotechnology	3129:295102	3.39	2020 - 2021
190	Kotak DJ Devarajan PV	Bone targeted delivery of salmon calcitonin hydroxyapatite nanoparticles for sublingual osteoporosis therapy	Nanomedicine Nanotechnology Biology and Medicine	24:102153	6.5	2020 - 2021
191	Jahagirdar PS Gupta PK Kulkarni SP Devarajan PV	Intramacrophage delivery of dual drug loaded nanoparticles for effective clearance of Mycobacterium tuberculosis	Journal of Pharmaceutical Sciences	109:7:2262-2270	3.9	2020 - 2021
192	Shah Mayank Kharkar Prashant S Sahu Niteshkumar U Zoya Peerzada Desai Krutika	Potassium 2 methoxy 4 vinylphenolate A novel hit exhibiting quorum sensing inhibition in Pseudomonas aeruginosa via LasIR RhIR circuitry	RSC Advances	9;:40228-40239	3.049	2019 - 2020
193	Kharkar Prashant S	Computational approaches for the design of (mutant-)selective tyrosine kinase inhibitors State of the art and future prospects	Current Topics in Medicinal Chemistry	20:17;1522-1533	3.218	2019 - 2020

194	Kharkar Prashant S Soni Govind Rathod Vaibhavi Shetty Saritha Gupta M K Yadav Khushwant S	An outlook on procedures of conjugating folate to (co)polymers and drugs for effective cancer targeting	Drug Development Research	81:7;823-836	1.902	2020 - 2021
195	Padhariya Komal Athavale Maithili Srivastava Sangeeta Kharkar Prashant S	Substituted chloroacetamides as potential cancer stem cell CSC inhibitors Synthesis and biological evaluation	Drug Development Research	81:3;356-365	1.902	2019 - 2020
196	Kharkar Prashant S Shah Chetan P Sahu Niteshkumar U	Drug repurposing for Breast Cancer Preliminary medicinal chemistry investigations and future perspectives	Journal of Indian Chemical Society	97:Aug 2020;1245-1250	0.150	2020 - 2021
197	Kharkar Prashant S	Cancer Stem Cell CSC inhibitors in oncology A promise for a better therapeutic outcome State of the art and future perspectives	Journal of Medicinal Chemistry	63:24; 15279-15307	6.205	2020 - 2021
198	Telange Darshan R Jain Shirish P Pethe Anil M Kharkar Prashant S Rarokar Nilesh R	Use of combined nanocarrier system based on chitosan nanoparticles and phospholipids complex for improved delivery of ferulic acid	International Journal of Biological Macromolecules	171:28 February 2021; 288-307	5.162	2020 - 2021
199	Yadav N Rajendra J Acharekar A Dutt S Vavia P	Effect of Glucosamine Conjugate Functionalized Liposomes on Glioma Cell and Healthy Brain An Insight for Future Application in Brain Infusion	AAPS PharmSciTech	21:24	2.6	2019 - 2020
200	Mayank R Patel Dimitrios A Lamprou Pradeep R Vavia	Synthesis Characterization and Drug Delivery Application of Selfassembling Amphiphilic Cyclodextrin	AAPS PharmSciTech	21:11	2.6	2019 - 2020
201	Mahendra Kumar Prajapati Aniketh Bishnu Pritha Ray Pradeep R. Vavia	Selectivity Enhancement of Paclitaxel Liposome Towards Folate Receptor Positive Tumor Cells by Ligand Number Optimization Approach	AAPS PharmSciTech	20:317	2.6	2019 - 2020
202	Pai RV Monpara JD Vavia PR	PR Exploring molecular dynamics simulation to predict binding with ocular mucin An in silico approach for screening mucoadhesive materials for ocular retentive delivery systems	Journal of Controlled Release	309 : 190 -202	7.9	2019 - 2020
203	Shevalkar G Vavia P	Solidified nanostructured lipid carrier S NLC for enhancing the oral bioavailability of ezetimibe	Journal of Drug Delivery Science and Technology	53 ; 101211	2.6	2019 - 2020
204	Sadhana Sathaye Sneha Bagle Suraj Muke Sagar Saha Shankarnarayanan Jayakodi Arunkanth Krishnakumar	Evaluation of novel and superior formulation CaroTex developed by bioFusion technology in rodent model	International Journal of Research in Pharmaceutical Sciences	10 1-6	0.83	2019 - 2020
205	Ronak S Bhuptani Vandana B Patravale	Starch microsponges for enhanced retention and efficacy of topical sunscreen	Materials Science and Engineering C	104; 109882	5.08	2019 - 2020
206	A Mirani H Kundaikar S Velhal V Patel A Bandivdekar M Degani V Patravale	Evaluation of phytopolyphenols for their gp one twenty CD four binding inhibitory properties by in silico molecular modelling and in vitro cell line studies	Current HIV Research	17:2; 102-113	1.115	2019 - 2020
207	S Dhoble V Patravale	Development of anti angiogenic erlotinib liposomal formulation for pulmonary hypertension a QbD approach	Drug Delivery and Translational Research	9:5;980-996	3.111	2019 - 2020
208	Sarayu A Pai Elvis Adrian Martis Renuka P Munshi Malvika S Gursahani Snehal N Mestry Archana R.Juvekar	Chrysin mitigated obesity by regulating energy intake and expenditure in rats	Journal of Traditional and Complementary Medicine	In press	0	2019 - 2020
209	Sarayu A Pai Renuka P Munshi Falguni H Panchal Ila Shruti Gaur Archana R Juvekar	Chrysin ameliorates nonalcoholic fatty liver disease in rats	Naunyn Schmiedeberg's Archives of Pharmacol	392:12;1617-1628	2.058	2019 - 2020
210	R Akhil Krishnan Tejal Pant Suchitra Sankaranarayan Jonas Stenberg Ratnesh Jain Prajakta Dandekar	Protective nature of low molecular weight chitosan in a chitosan amphotericin B nanocomplex A Physicochemical study	Materials Science and Engineering C	472-482 93	5.08	2019 - 2020
211	Nikhil D Kalane R Akhil Krishnan Vijay D Yadav Ratnesh Jain Prajakta Dandekar	Synergistic effect of hetero and homo catalysts on the green synthesis of hydroxy methyl furfural from chitosan biomass	Cellulose	2805-2819 26	3.809	2019 - 2020
212	Ashu Srivastav Balasaheb Chandanshive Prajakta Dandekar Deepa Khushalani Ratnesh Jain	Biomimetic hydroxyapatite a potential universal nano carrier for cellular internalization and drug delivery	Pharmaceutical research	60 36	3.42	2019 - 2020
213	Meghna Suvarna Sathish Dyawanapelly Bharat Kansara Prajakta Dandekar Ratnesh Jain	Understanding the stability of nanoparticle protein interaction Effect of particle size on adsorption conformation and thermodynamic properties of serum albumin proteins	ACS Applied Nano Materials	5524-5535 1	0	2019 - 2020
214	Saurabh Patil R Akhil Krishnan Shashank Bhangde Prajakta Dandekar Ratnesh Jain	Comparison between solid and liquid acids for production of low molecular weight chitosan using systematic DOE based approach	Cellulose	5643-5658 25	3.809	2019 - 2020

Consultancy Services for the past 3 Years

S.No	Name of the Individual/Industry	Title of the work	Duration(in days)	Name of the Institution/Industry	Amount Received	Year
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1	Prof Vandana Patravale	Novel drug delivery systems	365	TRM Ireland	74025	2020 - 2021
2	Prof Vandana Patravale	Novel drug delivery systems	365	Piscium Health Sci Pvt Ltd	875000	2020 - 2021
3	Prof Vandana Patravale	Novel drug delivery systems	365	SMT Technologies Pvt Ltd	745000	2020 - 2021
4	Prof Vandana Patravale	Novel drug delivery systems	365	TRM Ireland	76398	2021 - 2022
5	Prof Vandana Patravale	Novel drug delivery systems	365	TAP Pharmaceuticals AG	910959	2021 - 2022
6	Prof. Sadhana Sathaye	Evaporation comparison of Sevoflurane Abbott with two other generic brands	365	Abbott India Ltd Mumbai	107385	2019 - 2020
7	Prof. Sadhana Sathaye	Hepatoprotective activity of coded preparations of Punarnava Mandur	365	Padav Ayurvedic Centre	440090	2020 - 2021
8	Prof. Sadhana Sathaye	PK study of medicated insert in rats	365	LifeScient INC	225000	2019 - 2020
9	Prof. Prashant S. Kharkar	Discovery of Cancer Stemness Inhibitors	52	Godavari Biorefineries Limited	750000	2021 - 2022
10	Prof. Prashant S. Kharkar	Discovery of Cancer Stemness Inhibitors	52	Godavari Biorefineries Limited	750000	2020 - 2021
11	Prof. Prashant S. Kharkar	Discovery of Cancer Stemness Inhibitors	52	Godavari Biorefineries Limited	750000	2019 - 2020
12	Prof.P.D.Amin	Development of granules for oral care	12	Hindustan Unilever Ltd Mumbai	200000	2020 - 2021
13	Prof.P.D.Amin	Development of veterinary formulations	12	Lifescient INC USA	225000	2019 - 2020
14	Prof.P.D.Amin	Understanding the science behind effervescent tablets for hygiene	24	Hindustan Unilever Ltd Bangalore	200000	2019 - 2020
15	Prof.K.S.Laddha	Polyherbal extracts of the herbal drugs will be subjected to TLC and HPTLC evaluation using marker compounds of two formulations	180	Total Herb Solutions P.Ltd. Mumbai	50000	2019 - 2020
16	Prof.K.S.Laddha	Extraction and enrichment of Lawsone dye from Henna	365	Godrej Vikroli Mumbai	550000	2020 - 2021
17	Dr.Prajakta Dandekar Jain	Degradation of beta glucan	90	Harmony Life science	1062000	2021 - 2022
18	Prof. Sadhana Sathaye	Pharmacokinetic evaluation of a novel tramadol implant in rats as animal model	365	LifeScient INC	60000	2020 - 2021
19	Prof. Sadhana Sathaye	Pharmacokinetic of betacarotene formulation	365	ZeusHygia	15000	2019 - 2020
20	Prof. Vandana B. Patravale	Novel drug delivery systems	365	Sahajananad Medical Technologies Pvt. Ltd.	0	2020 - 2021
21	Prof. Vandana B. Patravale	Novel drug delivery systems	730	Piscium Healthcare	0	2019 - 2020
22	Prof. Vandana B. Patravale	Novel drug delivery systems	365	Cadila Pharmaceuticals Ltd.	0	2019 - 2020
23	Prof. Vandana B. Patravale	Novel drug delivery systems	365	Sahajananad Medical Technologies Pvt. Ltd.	0	2019 - 2020
24	Prof. Mariam Degani	Coconut components with covid targets	180	Marico Limited	90000	2019 - 2020
25	Prof. Prashant S. Kharkar	Synthesis of Chemical Intermediates	180	Advent ChemBio Pvt Ltd	45000	2019 - 2020
26	Prof. Prashant S. Kharkar	Preclinical Development of Cancer Stem Cell CSC Inhibitor	365	Godavari Biorefineries Limited	750000	2019 - 2020
27	Prof. P. D. Amin	Development of solid dispersions and pellets	180	Bajaj Health care	100000	2019 - 2020
28	Prof. P. D. Amin	Development of topical exhibit products	90	IMCD	65000	2019 - 2020
29	Prof. P. R. Vavia	Testing and evaluation of performace of MCCs proprietary materials as excipients to pharmaceutical products	365	Mitsubishi Chemical Corporation	155550	2019 - 2020
30	Prof. K. S. Laddha	Consultant for inititative for helping farmers natural products	365	Pidilite	300000	2019 - 2020
31	Prof. Vandana B. Patravale	Novel drug delivery systems	12	Sahajananad Medical Technologies Pvt. Ltd. Surat India	745000	2019 - 2020
32	Prof. Vandana B. Patravale	Novel drug delivery systems	12	Cadila Pharma Pvt. Ltd. Ahmedabad India	500000	2019 - 2020

Patents

S.No	Title	Filed (Provide Patent Application Number)	Awarded (Provide Patent Grant Number)	Name of the Inventor/s
1	mTOR inhibitor eluting medical device	NA	HK16110221A	Ankur Jaykumar RavalChhaya Babubhai EngineerVandana Bharat Patravale
2	Stable solutions of sparingly soluble actives	PCTIB2008003096	WO2009066146A2	Indravadan Ambalal ModiBakulesh Mafatlal KhamarAshok Sitaram OmrayVandana PatravaleKartik Yogesh ShahPrashant Yogesh Patel
3	NOVEL LIPID BASED CARRIER	2881MUM2015	364963	PATRAVALE VANDANA BHARAT SHETE HARSHAD KISHOR PRABHU RASHMI HARISHCHANDRA
4	STABLE ATOVAQUONE NANOPARTICLES WITH INCREASED BIOAVAILABILITY AND PHARMACEUTICAL COMPOSITION OF THE SAME	201621020162	365195	PATRAVALE VANDANA BHARAT DARADE ADITYA RAMNATH

5	NOVEL TARGETED LIPID BIOCONJUGATES AND DELIVERY SYSTEMS THEREOF	2822MUM2015	356157	PATRAVALE VANDANA BHARAT DESAI PRESHITA PRAFULLA JAIN SONIYA ANKITKUMAR
6	VACCINE DELIVERY SYSTEM FOR NON INVASIVE IMMUNIZATION AGAINST BRUCELLOSIS USING GREEN TECHNOLOGY	3068MUM2014	358722	PATRAVALE VANDANA BHARAT VYAS SWATI SUHAS PRABHU PRIYANKA SURESH
7	Point of care diagnostic test for rapid detection of brucellosis	3183MUM2013	368559	PATRAVALE VANDANA BHARAT VYAS SWATI SUHAS
8	MTOR INHIBITOR ELUTING MEDICAL DEVICE	2532MUM2013	345669	RAVAL Ankur Jaykumar ENGINEER Chhaya Babubhai PATRAVALE Vandana Bharat
9	HIGHLY POROUS TABLET	887MUM2014	341894	PATRAVALE VANDANA BHARAT ARSIWALA AMMAR MAZHAR GUGULOTHU DALAPATHI PRABHU RASHMI HARISHCHANDRABHEEMA
10	Pharmaceutical composition for transdermal application	1218MUM2012	350510	PATRAVALE VANDANA BHARAT PATEL PRATIKKUMAR ANILBHAI PATIL SUSHANT CHANDRAKANT KALARIA DHAVAL KALIA YOGESHVAR N
11	NANODRUG DELIVERY BASED ON COMBINATION THERAPY FOR TREATING PARASITE INFECTIONS	3567MUM2013	336452	PATRAVALE VANDANA BHARAT JAIN SONIYA ANKITKUMAR JOSHI MEDHA PRABHU PRIYANKA SURESH SHARMA SHOBHONA PATHAK SULABHA
12	Pharmaceutical composition of taxoids	EP11839460.0A	EP2637655A1	Bakulesh Mafatlal KhamarAshish Premkumar GogiaRitu Nitin Laddhhalmrn Ahmed KhanVandana Bharat PatravaleIndravadan Ambalal Modi
13	MTOR Inhibitor Release Medical Device	ES14781268T	ES2744848T3	Ankur Jaykumar RavalChhaya Babubhai EngineerVandana Bharat Patravale
14	mTOR inhibitor eluting medical device	US14908251	US20160151545A1	Ankur Jaykumar RavalChhaya Babubhai EngineerVandana Bharat Patravale
15	BIOADHESIVE BARRIER FILM AND SPONTANEOUS PLUG FORMING TEAT DIPS	1998MUM2012	IN325008A	Devarajan P V Sandhya S
16	PREPARATION OF POSACONAZOLE INTERMEDIATES	3310KOLNP2012	IN316517B	DSouza D Joshi S V Bhuta S Pise A C Chavan D N
17	MTOR INHIBITOR ELUTING MEDICAL DEVICE	EP2014781268A	EP3027236B1	Raval A J Engineer C B Patravale V B
18	Composicion farmaceutica de taxoides	ES2011839460T	ES2718090T3	Khamar B M Patravale V B Laddha R N Khan I A Modi I A
19	PHARMACEUTICAL COMPOSITION FOR BIO ENHANCEMENT OF ACTIVE AGENT	1108MUM2012	IN323787B	Patravale V B Desai P P Deshpande V D Gokarna V S
20	PROCESS FOR FABRICATION OF PHARMACEUTICAL COMPOSITIONS USING SUPERCRITICAL FLUIDS	2495MUM2013	IN327197B	Patravale V B Fernandes C Swami M V Velhal M K
21	MTOR INHIBITOR ELUTING MEDICAL DEVICE	PL2014781268T	PL3027236	Raval A J Engineer C B Patravale V B
22	METHOD FOR THE SIMPLIFIED PRODUCTION OF FASCIOLICIDE AND DERIVATIVE THEREOF	1443MUM2014	IN311632B	Telvekar Vikas Herlekar O P
23	METHOD FOR PRODUCTION OFDIHYDROXY BENZISOTHIAZOL ONE DIOXIDE	1482MUM2013	IN311632B	Telvekar Vikas Herlekar O P Durve K S
24	PROCESS FOR THE PREPARATION OF BENZIMIDAZOLE DERIVATIVE AS ANTHELMINTIC AGENTS	1729MUM2014	IN326040B	Telvekar Vikas Herlekar O P
25	DEVELOPMENT AND EVALUATION OF WEDELOLACTONE NASAL FORMULATION FOR ANTIEPILEPTIC ACTIVITY	201921009898	0	SURAJ Muke. Sadhana Sathaye
26	HERBAL OCULAR FORMULATION	202121033801	0	AKASH Subhash Daple MOHD Riyaz Beg PRAMOD Sopan Waghmare Sadhana Sathaye
27	COMPOSITIONS OF IVERMECTIN AND THEOPHYLLINEFOR TREATING ACUTE LUNG INJURY	202121039041	0	WANKHADE Sunny Babarao JAIN Divya Dinesh BAGLE Sneha Ramesh Sadhana Sathaye AMIN Purnima Dhanraj RAO Kamalesh Krishna moorthy
28	TOPICAL PREPARATIONS OF CARBOMER BASED GEL AND EMULGEL USING TWIN SCREW HOT MELT EXTRUSION TECHNOLOGY	IN201741000425	0	Kataria V Moravkar K K Shah D S Yadav G U Amin P D
29	COMPOSITION DE FILM DISPERSIBLE ORAL DISPERSIBLE FILM COMPOSITION	WO2018127938	0	Kataria V Moravkar K K Yadav G U Amin P D
30	DIRECTLY COMPRESSIBLE GRADE APIS EXCIPIENTS BY MELT GRANULATION TECHNOLOGY	IN201721021519	0	Moravkar K K Gejaje S M Khatk T A Amin P D
31	Preparation of mixture of herbal extracts used for treating stroke and neurological disorders comprises heating herbs from radix astragali rhizome of Ligusticum radix angelicae sinensis and radix polygalae	KR20187007551	0	Laddha K S Agharkar S N
32	Process for preparing herbal extracts	IN201827009391	0	Laddha K S Agharkar S N
33	PROCESS FOR PREPARING HERBAL EXTRACTS	MX2018003135	0	Laddha K S Agharkar S N
34	INSTANT LEGUMEBASED PRECOMESTIBLE	IN201621044487	0	Ahuja G Laddha K S
35	Preparation of mixture of herbal extracts used for treating stroke and neurological disorders comprises heating herbs from radix astragali rhizome of Ligusticum radix angelicae sinensis and radix polygalae	ID2018P2413	0	Laddha K S Agharkar S N
36	PROCESS FOR PREPARING HERBAL EXTRACTS	EP2016846968	0	Laddha K S Agharkar S N
37	PHARMACEUTICAL COMPOSITIONS THAT SPONTANEOUSLY FORM LIPIDIC PARTICULATE DISPERSIONS	IN201621024980	0	Devarajan V Maithania H V

38	FORMULATION ET DEVELOPPEMENT DEFILM TOPIQUE OU TRANSDERMIQUE FORMULATION AND DEVELOPMENT OF TOPICAL OR TRANSDERMAL FILM	WO2019058397	0	Amin P D Kataria V V Basu B Moravkar K
39	ORAL DISPERSIBLE FILM COMPOSITION	US20190336453	0	Kataria V Moravkar K K Sen W Yadav G U Amin P D
40	CATIONIC CHOLESTEROL DERIVATIVE AND APPLICATION THEREOF	IN201821007485	0	Vavia P R Monpara J D
41	DIALYSIS ASSEMBLY FOR DISSOLUTION TESTING	IN201721011288	0	Devarajan P V Lokhande A S
42	A KIT FOR EXTENDED BLOOD GROUP DETERMINATION AND METHOD THEREOF	IN201721046817	0	Devarajan P V Chawla S S Gorakshakar A C Madkaikar M R Ghosh K K
43	DEVICE FOR CONSERVING LOW TEMPERATURES	IN201721018468	0	Devarajan P V Das S Devarajan A
44	ORAL MUCOSAL DELIVERY SYSTEMS COMPRISING MONOPHASIC COMPOSITION OF TERIPARATIDE	IN201821021663	0	Daud A S Sapkal N P Bonde M N Devarajan P V Kotak D J
45	ORAL MUCOSAL DELIVERY SYSTEMS COMPRISING MONOPHASIC CONCENTRATE OF TERIPARATIDE	CA3102509	0	Daud A S Sapkal N P Bonde M N Devarajan P V Kotak D J
46	GLYCERYL MONOLAURATE BASED MICROEMULSION AND DRUG DELIVERY SYSTEM	IN201821019697	0	Mirani A G Patravale V B
47	METHOD FOR THE PREPARATION OF SALICYLANILIDE ANTIPARASITIC DERIVATIVE	IN201822034425	0	Telvekar Vikas Herlekar O P
48	Anticancer compounds	IN201621035967	US11084843	Yadav Vitthal Athavale Maithili Kharkar Prashant S Srivastava Sangeeta Somaiya Sameer Smera Satish
49	Potassium salt methoxyvinylphenol and method of preparation	IN201821035553	0	Desai Krutika Shah Mayankkumar D Kharkar Prashant
50	Compounds for the inhibition of unregulated cell growth	IN201821047582	0	Gavade Sandip Srivastava Sangeeta Kharkar Prashant S Athavale Maithili
51	A method of evaluating modulatory activity of a molecule against a transmembrane protein	IN202021016099	0	Gavade Sandip Srivastava Sangeeta Kharkar Prashant S Athavale Maithili
52	Use of Compounds for Treating Coronavirus Infections	IN202021019866	0	Kharkar Prashant S Athavale Maithili Gavade Sandip Srivastava Sangeeta
53	Anticancer compounds	IN202021046675	0	Gavade Sandip Srivastava Sangeeta Kharkar Prashant S Athavale Maithili
54	Pharmaceutical composition and a process to prepare the same	IN202121042945	0	Redasani Vijayendra Athavale Maithili Kharkar Prashant S Gavade Sandip Srivastava Sangeeta

Department wise Equipments

S.No	Name of the Department	Name of the Equipment	Minimum required	Available	Working
1	Dept of Pharmaceutics	Ampoule sealing machine	1	1	1
2	Dept of Pharmaceutics	Magnetic stirrer 500ml & 1 Litr capacity	5	6	6
3	Dept of Pharmaceutics	Aseptic cabinet	1	1	1
4	Dept of Pharmaceutics	Tablet coating machine	1	1	1
5	Dept of Pharmaceutics	Ball mill	1	1	1
6	Dept of Pharmaceutics	Double cone blender	1	1	1
7	Dept of Pharmaceutics	Autoclave	2	1	1
8	Dept of Pharmaceutics	Steam distillation still	1	0	0
9	Dept of Pharmaceutics	Vacuum pump	3	1	1
10	Dept of Pharmaceutics	Standard sieves no. 8, 10, 12, 22, 44, 66, 80	1	6	6
11	Dept of Pharmaceutics	Tablet punching machine	1	1	1
12	Dept of Pharmaceutics	Capsule filling machine	1	1	1
13	Dept of Pharmaceutics	Ampoules washing machine	1	0	0
14	Dept of Pharmaceutics	Tablet Disintegration apparatus	2	1	1
15	Dept of Pharmaceutics	Hardness tester	5	1	1
16	Dept of Pharmaceutics	Friability test apparatus	2	1	1
17	Dept of Pharmaceutics	Clarity test apparatus	1	1	1
18	Dept of Pharmaceutics	BOD Incubator	1	0	0
19	Dept of Pharmaceutics	Digital pH meter	5	2	0
20	Dept of Pharmaceutics	Bulk density	1	1	1
21	Dept of Pharmaceutics	Hot plate	5	0	0
22	Dept of Pharmaceutics	Humidity Chambers	1	1	1
23	Dept of Pharmaceutics	Tray dryer	1	1	1
24	Dept of Pharmaceutics	Moisture balance	1	1	1
25	Dept of Pharmaceutics	Water bath	5	5	5
26	Dept of Pharmaceutics	Ointment filling machine	1	1	1
27	Dept of Pharmaceutics	Capsule counter	2	2	2

28	Dept of Pharmaceutics	Homoginizer	5	1	1
29	Dept of Pharmaceutics	Digital balance	5	4	0
30	Dept of Pharmaceutics	Microscope	30	30	15
31	Dept of Pharmaceutics	Stage and eye piece micrometers	30	30	15
32	Dept of Pharmaceutics	Brookfield viscometer	1	1	0
33	Dept of Pharmaceutics	Sieve Shaker Machine	1	0	0
34	Dept of Pharmaceutics	Extractive Distillator	1	0	0
35	Dept of Pharmaceutics	Mechanical Stirrer	5	5	5
36	Dept of Pharmaceutics	Suppository mold	25	25	24
37	Dept of Pharmaceutics	Ultra Sonicator	4	0	0
38	Dept of Pharmaceutics	Sterility tester	1	0	0
39	Dept of Pharmaceutics	Franz Diffusion cell	5	0	0
40	Dept of Pharmaceutics	Hot Air Oven	5	3	3
41	Dept of Pharmaceutics	Tablet Dissolution test apparatus	2	2	1
42	Dept of Pharmaceutics	Mortar and Pestle	40	40	20
43	Dept of Pharmaceutics	Milli Pore Filter	1	0	0
44	Dept of Pharmaceutics	Vacuum Distillator	2	2	2
45	Dept of Pharmaceutics	Desiccators	5	1	1
46	Dept of Pharmaceutics	Refrigerator	2	0	0
47	Dept of Pharmaceutics	Tincture press	2	0	0
48	Dept of Pharmaceutics	Centrifuge	2	0	0
49	Dept of Pharmaceutics	Colony Counter	1	0	0
50	Dept of Pharmaceutics	Antibiotic Zone Rader	1	0	0
51	Dept of Pharmaceutics	Laminar Air Flow	1	1	1
52	Dept of Pharmaceutics	Micropipette single & Multi Channeled	4	4	4
53	Dept of Pharmaceutics	UV Cabinet	2	0	0
54	Dept of Pharmaceutical Chemistry	Refractometer	1	2	2
55	Dept of Pharmaceutical Chemistry	Polarimeter	1	0	0
56	Dept of Pharmaceutical Chemistry	Photoelectric colorimeter	1	0	0
57	Dept of Pharmaceutical Chemistry	Atomic model set	2	0	0
58	Dept of Pharmaceutical Chemistry	Electronic balance	2	3	3
59	Dept of Pharmaceutical Chemistry	Periodic table chart	Adequate	2	2
60	Dept of Pharmaceutical Chemistry	Hot plates	8	0	0
61	Dept of Pharmaceutical Chemistry	Oven	5	3	3
62	Dept of Pharmaceutical Chemistry	Refrigerator	2	0	0
63	Dept of Pharmaceutical Chemistry	Analytical Balances for demonstration	5	0	0
64	Dept of Pharmaceutical Chemistry	Digital balance 10mg sensitivity	5	0	0
65	Dept of Pharmaceutical Chemistry	Suction pumps	5	0	0
66	Dept of Pharmaceutical Chemistry	Muffle Furnace	2	0	0
67	Dept of Pharmaceutical Chemistry	Mechanical Stirrers	5	0	0
68	Dept of Pharmaceutical Chemistry	Magnetic Stirrers with Thermostat	10	29	29
69	Dept of Pharmaceutical Chemistry	Vacuum Pump	2	1	1
70	Dept of Pharmaceutical Chemistry	Digital pH meter	5	2	2
71	Dept of Pharmaceutical Chemistry	Microwave Oven	2	0	0
72	Dept of Pharmaceutical Chemistry	Distillation Unit	2	0	0
73	Dept of Pharmaceutical Chemistry	Arsenic Limit Test Apparatus	20	0	0
74	Dept of Pharmaceutical Chemistry	Reflux flask and condenser double / triple necked	20	0	0
75	Dept of Pharmaceutical Chemistry	Nessler's Cylinders	50	50	50
76	Dept of Pharmaceutical Chemistry	Reflux flask and condenser single Necked	25	0	0
77	Dept of Pharmaceutical Chemistry	Electronic water bath(12 holes)	5	0	0
78	Dept of Pharmaceutical Chemistry	Copper water bath	25	0	0
79	Dept of Pharmaceutical Chemistry	Colorimeter	1	4	1
80	Dept of Pharmaceutical Chemistry	UV- Visible Spectrophotometer	1	0	0
81	Dept of Pharmaceutical Chemistry	Flourimeter	1	0	0
82	Dept of Pharmaceutical Chemistry	Digital Balance (1mg sensitivity)	1	0	0
83	Dept of Pharmaceutical Chemistry	Nephelo Turbidity meter	1	0	0
84	Dept of Pharmaceutical Chemistry	Flame Photometer	1	0	0
85	Dept of Pharmaceutical Chemistry	Potentiometer	1	0	0
86	Dept of Pharmaceutical Chemistry	Conductivity meter	1	1	1
87	Dept of Pharmaceutical Chemistry	HPLC	1	0	0

88	Dept of Pharmaceutical Chemistry	HPTLC (Desirable)	1	0	0
89	Dept of Pharmaceutical Chemistry	Atomic Absorption and Emission spectrophotometer (Desirable)	1	0	0
90	Dept of Pharmaceutical Chemistry	Biochemistry Analyzer (Desirable)	1	0	0
91	Dept of Pharmaceutical Chemistry	Carbon, Hydrogen, Nitrogen Analyzer (Desirable)	1	0	0
92	Dept of Pharmaceutical Chemistry	Deep Freezer (Desirable)	1	0	0
93	Dept of Pharmaceutical Chemistry	Ion- Exchanger	1	0	0
94	Dept of Pharmaceutical Chemistry	Lyophilizer (Desirable)	1	0	0
95	Dept of Pharmacology	Microscopes	20	15	15
96	Dept of Pharmacology	Haemocytometer with Micropipettes	20	20	20
97	Dept of Pharmacology	Sahli's haemocytometer	20	20	20
98	Dept of Pharmacology	Hutchinson's spirometer	1	0	0
99	Dept of Pharmacology	Spygmomanometer	10	5	5
100	Dept of Pharmacology	Stethoscope	10	5	5
101	Dept of Pharmacology	Different Contraceptive Devices and Models	1	1	1
102	Dept of Pharmacology	Pregnancy diagnosis kit	1	1	1
103	Dept of Pharmacology	Mercury thermometer	10	10	3
104	Dept of Pharmacology	Cell analyzer	1	1	0
105	Dept of Pharmacology	Permanent Slides for various tissues	1	1	1
106	Dept of Pharmacology	Models for various organs	1	1	1
107	Dept of Pharmacology	Specimen for various organs and systems	1	1	1
108	Dept of Pharmacology	Skeleton and bones	1	1	1
109	Dept of Pharmacology	Muscle electrodes	1	1	1
110	Dept of Pharmacology	Lucas moist chamber	1	1	1
111	Dept of Pharmacology	Myographic lever	1	1	1
112	Dept of Pharmacology	Stimulator	1	1	0
113	Dept of Pharmacology	Centrifuge	1	1	0
114	Dept of Pharmacology	Sherrington's kymograph machine / polyrite	10	10	10
115	Dept of Pharmacology	Sherrington drum	10	10	10
116	Dept of Pharmacology	Perspex bath assembly (single unit)	10	10	10
117	Dept of Pharmacology	Aerators	10	10	10
118	Dept of Pharmacology	Software packages for experiment	1	1	1
119	Dept of Pharmacology	Standard graph of various drug	Adequate	1	1
120	Dept of Pharmacology	Actophotometer	1	1	1
121	Dept of Pharmacology	Rotarod	1	1	1
122	Dept of Pharmacology	Pole climbing apparatus	1	0	0
123	Dept of Pharmacology	Analgesiometer (eddy's hot plate and radiant heat methods)	1	1	1
124	Dept of Pharmacology	Convulsiometer	1	1	1
125	Dept of Pharmacology	Plethysmograph	1	1	1
126	Dept of Pharmacology	Digital pH meter	1	0	1
127	Dept of Pharmacology	Histamine chamber	1	1	1
128	Dept of Pharmacology	Metabolic cage	1	12	12
129	Dept of Pharmacology	Dissection tray & boards	10	10	10
130	Dept of Pharmacology	Stereotaxic apparatus	1	1	1
131	Dept of Pharmacology	Digital glucometer	1	0	0
132	Dept of Pharmacology	Folin- wu tubes	60	20	20
133	Dept of Pharmacology	Hemostatic artery forceps	10	10	2
134	Dept of Pharmacology	Levers , cannula	20	20	20
135	Dept of Pharmacology	Hypodermic syringes & needles Size 15,24,26G	20	0	0
136	Dept of Pharmacognosy	Compound Microscope	30	27	27
137	Dept of Pharmacognosy	Dissecting Microscope	30	7	4
138	Dept of Pharmacognosy	Projection Microscope	2	0	0
139	Dept of Pharmacognosy	Binocular Microscope	1	0	0
140	Dept of Pharmacognosy	Polarized Microscope	1	0	0
141	Dept of Pharmacognosy	Electronic Digital balance	2	2	2
142	Dept of Pharmacognosy	Autoclave	2	2	2
143	Dept of Pharmacognosy	Hot air oven	2	1	1
144	Dept of Pharmacognosy	Refrigerator	1	1	1
145	Dept of Pharmacognosy	Zone reader	1	0	0

146	Dept of Pharmacognosy	Digital pH Meter	1	0	0
147	Dept of Pharmacognosy	Colorimeter	1	0	0
148	Dept of Pharmacognosy	Sterility testing unit	1	0	0
149	Dept of Pharmacognosy	Camera lucida	20	20	20
150	Dept of Pharmacognosy	Eye piece micrometer	20	20	20
151	Dept of Pharmacognosy	Stage micrometer	20	20	15
152	Dept of Pharmacognosy	Muffle furnace	1	0	0
153	Dept of Pharmacognosy	Moisture balance	1	0	0
154	Dept of Pharmacognosy	Heating Mantles-Small	4	7	7
155	Dept of Pharmacognosy	Vacuum pump	2	0	0
156	Dept of Pharmacognosy	Micropipette single & Multi Channeled	2	8	8
157	Dept of Pharmacognosy	Micro Centrifuge	1	1	1
158	Dept of Pharmacognosy	Electric water bath	4	2	1
159	Dept of Pharmacognosy	Hot plate	4	0	0
160	Dept of Pharmacognosy	Microtome rotary	1	0	0
161	Dept of Pharmacognosy	Mixer grinder	2	2	2
162	Dept of Pharmacognosy	UV Cabinet	2	1	1
163	Dept of Pharmacognosy	Water Distillation unit	1	0	0
164	Dept of Pharmacognosy	Cutter Mill (Bark and seed grinder)	1	0	0
165	Dept of Pharmacognosy	Medicinal Plant Chart	Adequate	40	40
166	Dept of Pharmacognosy	Models	Adequate	0	0
167	Dept of Pharmacognosy	Permanent Slide	Adequate	50	50
168	Dept of Pharmacognosy	Sonicator	1	0	0
169	Dept of Pharmacognosy	Electrophoresis	1	0	0
170	Dept of Pharmacognosy	Fermentor	1	0	0
171	Dept of Pharmacognosy	Rotary Shaker	1	0	0
172	Dept of Pharmacy Practice	Autoclave sterilizer	1	1	1
173	Dept of Pharmacy Practice	Hot air oven	1	3	3
174	Dept of Pharmacy Practice	Membrane filter	1	1	1
175	Dept of Pharmacy Practice	Centrifuge	1	1	0
176	Dept of Pharmacy Practice	Filling Machine	1	1	0
177	Dept of Pharmacy Practice	Sealing Machine	1	1	1
178	Dept of Pharmacy Practice	Glucometer	1	1	0
179	Dept of Pharmacy Practice	Sintered glass funnel with complete filtering assemble	Adequate	1	1
180	Dept of Pharmacy Practice	Small disposable membrane filter for IV admixture filtration	Adequate	1	0
181	Dept of Pharmacy Practice	Vacuum pump	1	1	1
182	Dept of Pharmacy Practice	Surgical dressing	Adequate	1	1
183	Dept of Pharmacy Practice	pH meter	1	1	0
184	Dept of Pharmacy Practice	Blood Pressure Apparatus and stethoscope	10	12	0
185	Dept of Pharmacy Practice	Clinical thermometer	10	12	12

Details of the workshops/ Seminars/ Conferences/ Guest Lectures conducted for the past 3 years

S.No	Type of Activity	Title of the event	Year	Duration (in days)	Number of Participants
1	Workshop	Disso India Hyderabad	2019 - 2020	3	48
2	Workshop	Disso Research Presentations India DRPI	2019 - 2020	3	61
3	Seminar	Challenges in Blood and Plasma Products	2019 - 2020	1	50
4	Seminar	Drug Delivery for Cattle in the Dairy Industry	2019 - 2020	1	58
5	Seminar	Gender equality and womens right sensitization and empowerment a webinar series	2019 - 2020	2	55
6	Seminar	Gender equality and womens right sensitization and empowerment a webinar series	2019 - 2020	2	62
7	Seminar	Empowering women in science Unleashing latent talent	2019 - 2020	3	51
8	Workshop	two days workshop on extraction and isolation of phytoconstituents	2019 - 2020	2	23
9	Workshop	two days workshop on extraction and isolation of phytoconstituents	2019 - 2020	2	25
10	Workshop	two days workshop on extraction and isolation of phytoconstituents	2019 - 2020	2	27
11	Workshop	two days workshop on extraction and isolation of phytoconstituents	2020 - 2021	2	25
12	Workshop	Marketing Management	2019 - 2020	9	36
13	Workshop	Advanced Computer Aided Drug design and Computational Biology	2019 - 2020	2	50
14	Workshop	Medicinal Chemistry Industrial Outlook Organized	2019 - 2020	2	100

15	Workshop	Resuming the activities in academic research laboratory after lockdown due to COVID Experiences and suggestions	2020 - 2021	1	50
16	Conference	Eight Indian Chitin and Chitosan Society Symposium	2019 - 2020	2	100
17	Workshop	Faculty development programme	2019 - 2020	1	204
18	Workshop	Faculty development programme	2019 - 2020	1	204
19	Workshop	Advanced computer Aided Drug design and Computational Biology	2019 - 2020	2	50
20	Seminar	Resuming the activities in academic research laboratory after lockdown due to COVID Ninteen Experiences and suggestions	2020 - 2021	1	50
21	Workshop	Biosimilar workshop	2019 - 2020	5	100
22	Conference	Eight th Indian Chitin and Chitosan Society Symposium	2019 - 2020	2	100
23	Guest lecture	An exhibit of Umang Equipments	2019 - 2020	1	15
24	Guest lecture	An introduction to product portfolio of Arihant Innochem	2019 - 2020	1	30
25	Guest lecture	A lecture on excipients of Yasham	2019 - 2020	1	30
26	Guest lecture	Challenges in Blood and Plasma Products	2019 - 2020	1	28

Details of the workshops/ Seminars/ Conferences/ Guest Lectures Attended for the past 3 years

S.No	Type of Activity	Name of the Faculty	Title of the event	Year	Date	Place
1	Conference	Prof Vandana Bharat Patravale	Web discussion on the COVID nineteenth crisis Panelist	2019 - 2020	10-05-2020	Online
2	Seminar	Prof Vandana Bharat Patravale	Webinar organized by APTI	2020 - 2021	05-10-2020	Online
3	Conference	Prof Vandana Bharat Patravale	Two Days International Level conference	2019 - 2020	05-01-2019	Progressive Education Societys Modern College of Pharmacy
4	Conference	Prof Vandana Bharat Patravale	Two days state level conference Opportunities Challenges and Future Perspectives in Pharmaceutical Sciences	2019 - 2020	09-02-2019	Sir Dr M S Gosavi College of Pharmaceutica Education and Research
5	Guest lecture	Prof Vandana Bharat Patravale	Functionalized nanosystems as Trojan horses for superior therapeutics	2019 - 2020	08-01-2019	NMIMS
6	Conference	Prof Vandana Bharat Patravale	Virtual conference Explain My Research Drug Delivery and Precision Medicine	2019 - 2020	28-05-2020	Online
7	Conference	Prof Vandana Bharat Patravale	Webinar on topic Gender equality and womens right sensitization and empowerment	2020 - 2021	07-12-2020	Online
8	Workshop	Prof Vandana Bharat Patravale	One Week Short Term Training Program	2020 - 2021	04-01-2021	Online
9	Seminar	Prof Vandana Bharat Patravale	CPES Global eSeminar	2020 - 2021	21-04-2021	Online
10	Workshop	Prof Vandana Bharat Patravale	One week web faculty training school on Training Pharmacy Professionals to Accomplish Mission Make in India Step Forth to Promote Academic Entrepreneurship	2020 - 2021	18-01-2021	Online
11	Workshop	Prof Vandana Bharat Patravale	Online Short Term Training Programme on Molecular Neuroscience From Cells to Circuits in Health Disease	2020 - 2021	23-01-2021	Online
12	Seminar	Prof Vandana Bharat Patravale	Virtual Seminar Series on Nanomedicine Emerging Opportunities and Challenges	2020 - 2021	25-02-2021	Online
13	Workshop	Prof Vandana Bharat Patravale	AICTE Sponsored Two Days National eConference on IPR Awareness in India	2021 - 2022	10-08-2021	Online
14	Workshop	Prof Vandana Bharat Patravale	One day national webinar on Nanotechnology in healthcare opportunities and challenges	2021 - 2022	28-10-2021	Online
15	Workshop	Prof Vandana Bharat Patravale	Online Faculty Development Program	2020 - 2021	23-03-2021	Online
16	Workshop	Prof Vandana Bharat Patravale	Faculty Development Programme	2019 - 2020	18-07-2019	Konkan Gyanpeeth Rahul Dharkar College of Pharmacy and Research Institute
17	Workshop	Prof Vandana Bharat Patravale	Faculty development program	2019 - 2020	09-12-2021	Institute of Chemical Technology Mumbai
18	Workshop	Prof Vandana Bharat Patravale	Faculty Development Programme	2019 - 2020	02-12-2019	Online
19	Workshop	Prof Vandana Bharat Patravale	Faculty development program	2019 - 2020	27-09-2019	Online
20	Workshop	Prof Vandana Bharat Patravale	One Week eFDP on Teaching in the Digital world Learning from the Masters Anti Infective Discovery and Development	2020 - 2021	27-06-2020	Online
21	Workshop	Prof Vandana Bharat Patravale	National Level FDP on Teachers and Ethics Balance in Research Teaching Socioprofessional Values and Attitude	2019 - 2020	25-05-2020	Online
22	Workshop	Prof Vandana Bharat Patravale	Online Faculty Development Program	2019 - 2020	22-05-2020	Online

23	Workshop	Prof Vandana Bharat Patravale	Two Weeks Online Faculty Development Program	2020 - 2021	16-01-2021	Online
24	Workshop	Prof Vandana Bharat Patravale	Online ATAL FDP	2021 - 2022	27-08-2021	Online
25	Workshop	Prof Vandana Bharat Patravale	Faculty Development Programme on Emerging Trends and Challenges in Techno stabilization of Pharmaceuticals	2021 - 2022	23-12-2021	Online
26	Workshop	Prof Vandana Bharat Patravale	Faculty Development Program	2020 - 2021	06-11-2020	Online
27	Workshop	Prof Vandana Bharat Patravale	Online Faculty Development Program	2021 - 2022	05-06-2021	Online
28	Workshop	Prof Vandana Bharat Patravale	Faculty development program Emerging Trends in Drug Engineering	2021 - 2022	03-09-2021	Online
29	Workshop	Prof Vandana Bharat Patravale	Online FDP On Developing Life Skills and Capacity Building of Pharma Professionals	2021 - 2022	17-09-2021	Online
30	Workshop	Prof Vandana Bharat Patravale	Faculty Development Programme on Innovation to Entrepreneurship A Roadmap	2020 - 2021	22-02-2021	Institute of Chemical Technology Mumbai
31	Workshop	Prof Sadhana Sathaye	Covid testing essentials by SRL diagnostics lab	2020 - 2021	02-07-2020	INDIA
32	Seminar	Prof Sadhana Sathaye	DIA DIRECT COVID Diagnostic Testing Now and in the Future	2019 - 2020	26-05-2020	ONLINE
33	Seminar	Prof Sadhana Sathaye	How to do Amazing Animations in PowerPoint	2019 - 2020	24-05-2020	ONLINE
34	Seminar	Prof Sadhana Sathaye	Teaching practical with virtual lab Lt Platform	2019 - 2020	20-05-2020	ONLINE
35	Seminar	Prof Sadhana Sathaye	Cure or learning to coexist	2019 - 2020	17-05-2020	ONLINE
36	Seminar	Prof Sadhana Sathaye	Internationalization of Higher Education in the post COVID era Challenges Opportunities for India	2019 - 2020	14-05-2020	ONLINE
37	Seminar	Prof Sadhana Sathaye	COVID Solutions From Detection to Vaccine Research and Manufacturing	2019 - 2020	13-05-2020	ONLINE
38	Conference	Prof Sadhana Sathaye	Con call with Kiranmuzumdarshaw	2019 - 2020	04-05-2020	INDIA
39	Seminar	Prof Sadhana Sathaye	Covid impact on Indian Pharma Industry	2019 - 2020	04-05-2020	INDIA
40	Conference	Prof Sadhana Sathaye	Indian Healthcare Pre Post COVID	2019 - 2020	01-05-2020	INDIA
41	Conference	Prof Sadhana Sathaye	Bridging the Gap Between Cellular Assays AnimalsHuman Using PrecisionCut Lung Slices	2020 - 2021	28-04-2020	INDIA
42	Conference	Prof Padma V Devarajan	In situ Nanotechnology Revolutionizing Nanomedicine	2019 - 2020	07-01-2019	Reliance Lifesciences Retreat
43	Conference	Prof Padma V Devarajan	Bioenhancement strategies and Lipid drug delivery systems	2019 - 2020	13-02-2019	Gattefosse MumbaiGattefosse Mumbai
44	Conference	Prof Padma V Devarajan	Mega Challenges for Materials in Nanomedicine	2019 - 2020	06-03-2019	Keonjhar Bhubaneswar
45	Conference	Prof Padma V Devarajan	INNOVATIONS IN NANOCARRIERS	2019 - 2020	08-03-2019	Allana College of College of Pharmacy Pune
46	Conference	Prof Padma V Devarajan	In situ Nanotechnology Expanding Horizons of Nanomedicine	2019 - 2020	13-05-2019	ICT Mumbai
47	Conference	Prof Padma V Devarajan	Intelligent Strategies to Circumvent the Blood Brain Barrier	2019 - 2020	03-06-2019	NIPER MOHALI
48	Conference	Prof Padma V Devarajan	Practical approaches for dissolution testing of nano formulations	2019 - 2020	19-09-2019	Institute of Technology ICT Mumbai
49	Seminar	Prof Padma V Devarajan	Exploiting Natural Products Curcumin through Bioenhanced and Targeted Delivery Systems	2019 - 2020	12-02-2020	Institute of Technology ICT Mumbai
50	Seminar	Prof Padma V Devarajan	Innovative Drug Delivery Strategy to tackle Malaria	2019 - 2020	02-03-2020	Institute of Technology ICT Mumbai
51	Seminar	Prof Padma V Devarajan	Dissolution Testing Methodologies for Nanomedicines	2019 - 2020	14-05-2020	Institute of Technology ICT Mumbai
52	Seminar	Prof Padma V Devarajan	Innovative Teaching Learning Methodologies in Pharmacy education	2019 - 2020	15-02-2020	Institute of Technology ICT Mumbai
53	Seminar	Prof Padma V Devarajan	From Research Bench to Commercialization	2019 - 2020	31-07-2020	Institute of Technology ICT Mumbai
54	Seminar	Prof Padma V Devarajan	Industry Institute Interaction The Institute of Chemical Technology Story	2019 - 2020	14-08-2020	Institute of Technology ICT Mumbai
55	Conference	Prof Padma V Devarajan	Brain Targeted Nano Delivery System for Neurocysticercosis A Neglected Infectious Disease	2019 - 2020	16-11-2020	Institute of Technology ICT Mumbai
56	Conference	Prof Padma V Devarajan	NISP Orientation Session and Formulation of ICT IS Policy A Case Study	2019 - 2020	29-12-2020	Institute of Technology ICT Mumbai
57	Conference	Prof Padma V Devarajan	Orientation Session on National Innovation and Startup Policy NISP Implications on Academic Institutions	2020 - 2021	09-01-2021	Institute of Technology ICT Mumbai
58	Conference	Prof Padma V Devarajan	Prof Padma V Devarajan	2020 - 2021	16-01-2021	Institute of Technology ICT Mumbai

59	Conference	Prof Padma V Devarajan	Career in Science Catalyzing the Potential Energy	2020 - 2021	09-01-2021	Institute of Technology ICT Mumbai
60	Conference	Prof Padma V Devarajan	Innovative Approach in Nanotechnology	2020 - 2021	24-04-2021	Institute of Technology ICT Mumbai
61	Conference	Prof Padma V Devarajan	Nanotechnology in Drug Delivery at PMMMNMT Programme	2020 - 2021	01-04-2021	Institute of Technology ICT Mumbai
62	Conference	Prof Padma V Devarajan	Nanosystems Dissolution Methodologies and Biorelevant Media	2020 - 2021	21-06-2021	Institute of Technology ICT Mumbai
63	Guest lecture	Prof Padma V Devarajan	Dissolution Testing of Nanoformulations on USP IV	2020 - 2021	21-06-2021	Institute of Technology ICT Mumbai
64	Seminar	Prof Padma V Devarajan	Drug Delivery Systems for Cancer at AICTES Training and Learning Academy ATAL sponsored one week Faculty Development Programme on Drug Engineering	2020 - 2021	04-10-2021	Institute of Technology ICT Mumbai
65	Workshop	ProfKS Laddha	Phytochemical Investigation of Herbal Products	2019 - 2020	26-02-2019	METs Institute of Pharmacy Nashik
66	Workshop	ProfKS Laddha	Technology for extraction and isolation of phytoconstituents Technological development for the extraction of herbal drugs	2019 - 2020	31-10-2019	University of Mumbai
67	Workshop	ProfKS Laddha	Current Trends in Medicinal Chemistry Topic Development of Phytochemicals From Lab to Commerce	2020 - 2021	23-03-2021	Nya Tatyasaheb Athalye Arts Ved SR Sapre Commerce and Vid Dadasaheb Pitre Science College Autonomous
68	Workshop	ProfKS Laddha	The scope of Pharmacognosy Today Tomorrow Topic Phytochemicals Source and Potential Applications	2021 - 2022	21-08-2021	Sri Ramachandra Faculty of Pharmacy Sri Ramachandra Institute of Higher Education and Research Porur Chennai
69	Workshop	ProfKS Laddha	Extraction and Isolation of Commercially Important Phytochemicals	2021 - 2022	04-12-2021	Department of Microbiology PTVAs Sathaye College Autonomous Vile Parle E Dixit Road Mumbai
70	Workshop	ProfKS Laddha	Popularizing herbal drug technology among undergraduate studentsI II and classical experiments on herbal drug technology A demonstration	2021 - 2022	15-11-2021	Institute of Technology ICT Mumbai
71	Workshop	ProfKS Laddha	ShortTerm Training Programme STTP sponsored by AICTE Enrichment of Herbal Biomolecules for Novel Drug Delivery System	2021 - 2022	26-07-2021	Bharati Vidyapeeth College of Pharmacy Kolhapur
72	Workshop	ProfKS Laddha	Translating Pharmacognosy Knowledge into Health Care Systems	2021 - 2022	23-11-2021	KLE COLLEGE OF PHARMACY HUBLI
73	Workshop	ProfKS Laddha	AICTE Training And Learning ATAL Academy sponsored Phytochemicals Derivatives and synthetic analogues in healthcare	2021 - 2022	23-11-2021	Bharati Vidyapeeth College of Pharmacy Kolhapur
74	Guest lecture	Prof Mariam S Degani	PhysicoChemical Properties of Drug	2020 - 2021	17-01-2021	Guru Nanak Khalsa College of Arts Science Commerce Autonomous Mumbai
75	Guest lecture	Prof Mariam S Degani	Planning and Monitoring Organic Synthesis	2020 - 2021	26-02-2021	GUJCOST Sponsored Webinar Series on Organic Synthesis Lifeline of Pharma API Industry Webinar I
76	Guest lecture	Prof Mariam S Degani	Artificial Intelligence in Drug Repurposing and Polypharmacology	2021 - 2022	20-09-2021	Seven Hills College of Pharmacy
77	Guest lecture	Prof Mariam S Degani	Drug Repurposing for Infectious Diseases	2021 - 2022	05-08-2021	QIP Pharmacy Center Department of Pharmaceutical Technology Jadavpur University Kolkata
78	Guest lecture	Prof Mariam S Degani	Deuterated Drugs current progress and Future Prospects	2020 - 2021	14-08-2020	Mumbai
79	Workshop	Dr Prajakta Dandekar Jain	Resuming the activities in academic research laboratory after lockdown due to COVID Experiences and suggestions	2020 - 2021	06-08-2021	Mumbai
80	Conference	Dr Prajakta Dandekar Jain	Biosimilar workshop	2020 - 2021	03-08-2020	Mumbai
81	Seminar	Dr Prajakta Dandekar Jain	Drug Delivery Technologies against infectious diseases by Prof ClausMichael Lehr	2019 - 2020	19-09-2019	aarbrucken Germany
82	Workshop	Prof K S Laddha	Three days workshop on extraction and isolation of phytoconstituents	2019 - 2020	14-03-2020	Mumbai
83	Workshop	Prof K S Laddha	Two days workshop on extraction and isolation of phytoconstituents	2019 - 2020	27-06-2019	Mumbai
84	Workshop	Prof K S Laddha	Two days workshop on extraction and isolation of phytoconstituents	2019 - 2020	13-07-2019	Mumbai
85	Workshop	Prof K S Laddha	Two days workshop on extraction and isolation of phytoconstituents	2019 - 2020	09-02-2019	Mumbai
86	Seminar	Prof Sadhana Sathaye	Research Avenues in Pharmacognosy Phytochemistry	2019 - 2020	01-03-2020	Mumbai
87	Seminar	Prof Sadhana Sathaye	How to create Educational Videos	2020 - 2021	01-05-2020	Mumbai
88	Seminar	Prof Sadhana Sathaye	Effective Presentation SkillsUsing ICT Tools	2020 - 2021	01-04-2020	Mumbai

89	Workshop	Prof Sadhana Sathaye	Data Analytics in Pharmaceutical Industry	2020 - 2021	01-01-2021	Mumbai
90	Workshop	Prof Sadhana Sathaye	National Level Research Competition SOLUTION CHALLENGE ON COVID HERBAL DRUG RESEARCH	2020 - 2021	01-12-2020	Mumbai
91	Workshop	Prof Sadhana Sathaye	Biosimilar workshop	2020 - 2021	08-08-2020	Mumbai
92	Guest lecture	Prof Sadhana Sathaye	TNQ Distinguished Lectures	2019 - 2020	20-01-2020	Mumbai
93	Guest lecture	Prof Sadhana Sathaye	Mumbai Immunology Group	2020 - 2021	13-11-2020	Mumbai
94	Guest lecture	Prof Sadhana Sathaye	Thermofischer Scientific	2020 - 2021	20-05-2020	Mumbai
95	Seminar	Prof Sadhana Sathaye	The Michael J Fox Foundation for Parkinsons research	2020 - 2021	10-10-2020	Mumbai
96	Seminar	Prof Sadhana Sathaye	MU Ideas	2020 - 2021	30-06-2020	Mumbai
97	Seminar	Prof Sadhana Sathaye	Biosimilar Workshop	2020 - 2021	08-08-2020	Mumbai
98	Seminar	Prof Sadhana Sathaye	MANAV The Human Atlas	2019 - 2020	27-08-2020	Mumbai
99	Seminar	Prof Sadhana Sathaye	ACSBCP Student Chapter	2019 - 2020	28-12-2020	Mumbai
100	Conference	Prof Sadhana Sathaye	Immuno Oncology Society of India	2019 - 2020	15-03-2019	TMC
101	Workshop	Prof Sadhana Sathaye	Advanced computeraided drug design and computational biology	2019 - 2020	11-07-2019	Mumbai
102	Seminar	Prof Sadhana Sathaye	Teaching Practical with Virtual Lab It Platform	2019 - 2020	20-05-2020	Mumbai
103	Conference	Prof Sadhana Sathaye	National Research Scholars Meet in Lifesciences NRSM	2019 - 2020	11-12-2020	Online ACTREC Navi Mumbai India
104	Guest lecture	Prof Sadhana Sathaye	Drug Discovery and Clinical Development	2019 - 2020	21-07-2019	Hyderabad
105	Guest lecture	Prof Sadhana Sathaye	Plasma therapy byte on All India Radio AIR	2019 - 2020	25-04-2020	Mumbai
106	Guest lecture	Prof Sadhana Sathaye	hydroxychloroquine byte on All India Radio AIR	2019 - 2020	12-04-2020	Mumbai
107	Guest lecture	Prof Sadhana Sathaye	Recent Advancement in Chemical Biology and Drug Discovery at ICTIOC Bhubaneshwar	2019 - 2020	28-10-2020	Mumbai
108	Guest lecture	Prof Sadhana Sathaye	Recent Advancement in Chemical Biology and Drug Discovery at ICTIOC Bhubaneshwar	2019 - 2020	15-09-2020	Mumbai
109	Guest lecture	Prof Sadhana Sathaye	IPA certification course for Pharmacists	2019 - 2020	13-08-2020	Mumbai
110	Guest lecture	Prof Sadhana Sathaye	Plasma therapy byte on All India Radio AIR	2019 - 2020	25-04-2020	Mumbai
111	Guest lecture	Prof Sadhana Sathaye	hydroxychloroquine byte on All India Radio AIR	2019 - 2020	04-12-2020	Mumbai
112	Conference	Prof Mariam Degani	Deuterated Drugs current progress and Future Prospects	2019 - 2020	14-08-2020	Mumbai
113	Conference	Prof Mariam Degani	SSX Annual conference	2019 - 2020	19-09-2019	Banglore India
114	Workshop	Prof Mariam Degani	Faculty development programme	2019 - 2020	21-09-2020	BCP Mumbai
115	Workshop	Prof Mariam Degani	Advanced computer Aided Drug design and Computational Biology	2019 - 2020	13-07-2019	ICT Mumbai
116	Conference	Dr Prajakta Dandekar Jain	Eight th Indian Chitin and Chitosan Society Symposium	2019 - 2020	19-09-2019	Mumbai
117	Guest lecture	Prof Padma V Devarajan	Orientation Session on National Innovation and Startup Policy Implications on Academic Institutions	2019 - 2020	09-01-2021	Kashibai Navale College of Pharmacy Kondhwa Pune
118	Guest lecture	Prof Padma V Devarajan	NISP Orientation Session and Formulation of ICT IS Policy A Case Study	2019 - 2020	29-12-2020	Government college of Engineering Nagpur
119	Guest lecture	Prof Padma V Devarajan	Brain Targeted Nano Delivery System for Neurocysticercosis A Neglected Infectious Disease	2019 - 2020	16-11-2020	BITS Pilani
120	Guest lecture	Prof Padma V Devarajan	Mental Health Awareness Fight the Stigma	2019 - 2020	31-07-2020	Institute of Chemical Technology Mumbai
121	Guest lecture	Prof Padma V Devarajan	From Research Bench to Commercialization	2019 - 2020	31-07-2020	XLPAT Labs
122	Guest lecture	Prof Padma V Devarajan	Empowering women in science Unleashing latent talent	2019 - 2020	09-07-2020	Institute of Chemical Technology Mumbai
123	Guest lecture	Prof Padma V Devarajan	Quality Improvement Programme QIP on Innovative Teaching Learning Methodologies in Pharmacy education	2019 - 2020	04-02-2020	Mumbai
124	Guest lecture	Prof Padma V Devarajan	Dissolution Testing Methodologies for Nanomedicines	2019 - 2020	14-05-2020	International Online Symposium DISSO INDIA
125	Guest lecture	Prof Padma V Devarajan	Innovative Approaches and Emerging Issues in Pharmaceutical and Food Microbiology	2019 - 2020	02-03-2020	Mumbai
126	Guest lecture	Prof Padma V Devarajan	Exploiting Natural Products Curcumin through Bioenhanced and Targeted Delivery Systems	2019 - 2020	12-02-2020	thAnnual Meeting SFRRINDIA and International Conference Mumbai
127	Guest lecture	Prof Padma V Devarajan	Practical approaches for dissolution testing of nano formulations	2019 - 2020	13-09-2019	DISSOINDIA Chandigarh Hotel Radisson Chandigarh India

128	Guest lecture	Prof Padma V Devarajan	Practical approaches for dissolution testing of nano formulations	2019 - 2020	13-09-2019	Hotel Radisson Zirakpur Chandigarh India
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Details of the Research papers presented in the workshops/ Seminars/ Conferences for the past 3 years

S.No	Name of the Faculty/Student	Title of the paper	Name of the work shop/ Seminars/ Conferences	Year	Date	Place	Grant (Amount in INR) received from Funding agency
1	Prof Vandana Patravale	Cupposomes Next generation nanoassembled lipidic drug delivery system	SELECTBIO	2019 - 2020	24-12-2019	Hyderabad India	0
2	Prof Vandana Patravale	Paclitaxel Nanostructured Lipid Carriers for Treatment of Triple Negative Breast Cancer	ICMR NIRRH Golden Jubilee Celebrations International Conference on Womens Reproductive Health	2019 - 2020	23-02-2020	Mumbai India	0
3	Prof Vandana Patravale	Self assesmbled nanocarriers for delivery to brain	NUS Industry Roundtable Series Future Health Explain My Research Drug Delivery and Precision Medicine	2019 - 2020	01-05-2020	Online	0
4	Prof Vandana Patravale	Novel Pulmonary Delivery Systems	eConference	2020 - 2021	01-06-2020	Online	0
5	Prof Vandana Patravale	Infectious diseases Are we ready for the unexpected	BNCP	2020 - 2021	02-07-2020	Online	0
6	Prof Vandana Patravale	Nanotechnology in Veterinary Practice Opportunities and Challenges	eConference	2020 - 2021	01-07-2020	Online	0
7	Prof Vandana Patravale	Drug delivery to the brain Is it a hype	KM kundanani COP Mumbai	2020 - 2021	01-08-2020	Online	0
8	Prof Vandana Patravale	Multifaceted approach for safe and effective delivery of medicines	ATAL FDP on the theme Drug Engineering BCP Mumbai	2020 - 2021	07-09-2020	Online	0
9	Prof Vandana Patravale	Lipidic Nanotherapeutics for Malaria	UKICRS Symposium	2020 - 2021	01-10-2020	Online	0
10	Prof Vandana Patravale	Computational Pharmaceutics Paradigm Shift in Drug Delivery	Online FDP on the theme Emerging Tools and Trends in Pharmaceutical Research Amity University Lucknow	2020 - 2021	01-09-2021	Online	0
11	Prof Vandana Patravale	Directly compressible Xyloglucan coprocessed excipients with dual acting functionalities	International eConference Vital role of polymers in drug delivry	2021 - 2022	14-08-2021	Online	0
12	Prof Vandana Patravale	In vitro blood brain barrier model Development and validation	DRPI	2021 - 2022	17-07-2021	Online	30000
13	Prof Sadhana Sathaye	Coumarin Nasal formulation Comparative bioavailability and kindling model assessment of Epilepsy	Drug Discovery and Clinical Development	2019 - 2020	21-07-2019	INDIA	0
14	Prof Sadhana Sathaye	Pharmacological Evaluation A drug discovery perspective	Herbal talk organised by Dept of DravyagunaVidnyan of YMT Ayurvedic college	2020 - 2021	28-10-2020	INDIA	0
15	Prof Sadhana Sathaye	Antimicrobials MOA and mechanisms of resistance	IPA certification course for Pharmacists	2020 - 2021	13-08-2020	INDIA	0
16	Prof Sadhana Sathaye	Glutathione as immunity booster exploring potential benefits	Adroit biomed in collaboration with ET health	2020 - 2021	12-08-2020	INDIA	0
17	Prof Sadhana Sathaye	Patient counselling and stakeholder Management	IPA certificate course in association with Serdia Pharmaceuticals India Pvt Ltd	2020 - 2021	19-06-2020	INDIA	0
18	Prof Sadhana Sathaye	Pandemics Impacts Challenges and Innovations Role of Pharmaceutical Industry	Wilson College in collaboration with the University of Mumbai	2020 - 2021	30-05-2020	INDIA	0
19	Prof Sadhana Sathaye	Translational Research Discovery to therapeutics Emerging Trends in Drug Engineering	AICTE Training and Learning ATAL Academy	2021 - 2022	02-09-2021	INDIA	0
20	Prof Sadhana Sathaye	Foundation course in Educational Methodology	APTI	2020 - 2021	25-04-2020	INDIA	0
21	Chatale BC Ananthanarayan L Degani MS	Binding Studies of Antipsychotic Drug Risperidone with Bita Lactoglobulin Using Fluorimetry and Molecular Modelling	Seminar	2020 - 2021	20-12-2021	Mumbai	0
22	Ashwini Patil Manasi Dhawane AparnaDeshpande RatneshJain PrajaktaDandekar	Colorimetric point of care detection of cholesterol using chitosan nanofibers	Ninth Indian Chitin and chitosan society symposium	2020 - 2021	01-02-2021	Mumbai	0
23	Aditya Narvekar Santosh L Gawali Puthusserickal A Hassan Ratnesh Jain Prajakta Dandekar	pH dependent aggregation and confirmation chnages of rituximab usings SAXS nad its comparision with standard regulatory approch of biophysial charcaterization	APA India	2021 - 2022	01-11-2021	Mumbai	0
24	Prof Sadhana Sathaye	Dry run Covid vaccination	Bytes on AIR	2020 - 2021	02-01-2021	Mumbai	0
25	Prof Sadhana Sathaye	Vaccination permission by DCGI	Bytes on AIR	2020 - 2021	04-01-2021	Mumbai	0
26	Prof Sadhana Sathaye	hydroxychloroquine	Bytes on AIR	2020 - 2021	12-04-2020	Mumbai	0
27	Prof Sadhana Sathaye	Plasma therapy	Bytes on AIR	2020 - 2021	25-04-2020	Mumbai	0
28	Prof Sadhana Sathaye	Pharmacological Evaluation A drug discovery perspective	Herbal talk organised by Department of Dravyaguna Vidnyan of YMT Ayurvedic college	2020 - 2021	28-10-2020	Mumbai	0
29	Prof Sadhana Sathaye	Recent Advancement in Chemical Biology and Drug Discovery	ICT IOC Bhubaneshwar	2020 - 2021	15-09-2020	Mumbai	0
30	Prof Sadhana Sathaye	Antimicrobials MOA and mechanisms of resistance	IPA certification course for Pharmacists	2020 - 2021	13-08-2020	Mumbai	0
31	Prof Sadhana Sathaye	glutathione as immunity booster exploring potential benefits	As a panellist in online panel discussion by Adroit biomed in collaboration with ET health	2020 - 2021	12-08-2020	Mumbai	0
32	Prof Sadhana Sathaye	Patient counselling and stakeholder management	Best practice in Pharmacy management IPA certificate course in association with Serdia Pharmaceuticals India Pvt Ltd	2019 - 2020	19-06-2020	Mumbai	0

33	Prof Sadhana Sathaye	Role of Pharmaceutical Industry	Pandemics Impacts Challenges and InnovationsOnline National level Interdisciplinary Webinar organised by Wilson College in collaboration with the University of Mumbai	2019 - 2020	30-05-2020	Mumbai	0
34	Ms Sneha Bagle	Astaxanthin an antioxidant conferring neuroprotective and mitobiogenic effect in AD rat model	National Research Scholars Meet in Lifesciences	2019 - 2020	11-12-2020	ACTRE Navi Mumbai	0
35	Prof Sadhana Sathaye	Coumarin Nasal formulation Comparative bioavailability and kindling model assessment of Epilepsy	Drug Discovery and Clinical Development	2019 - 2020	21-07-2019	Hyderabad	0
36	Ms Ashwani Patil	In vitro and in vivo CYP inhibition mediated herb drug interaction of methanolic extract of Saraca Indica on different CYP isoforms	Society for the study of xenobiotics SSX India	2019 - 2020	19-09-2019	Bangalore	11000
37	Ms Radni Deshpande	Role of pre treatment zero to one aminobenzotriazole in separate assessment of intestinal and hepatic first pass metabolism of budesonide	no	2019 - 2020	19-09-2019	Bangalore	11000
38	Jahagirdar D Korpale V Mathpati CS Yadav S Majumder A Jain R and Dandekar P	Microfluidic device for development of bio artificial retina	Trends in Health Care Innovations in India	2019 - 2020	01-02-2020	NIRRH	0
39	Jahagirdar D Korpale V Mathpati CS Yadav S Majumder A Jain R and Dandekar P	Microfluidic platform for development of bio artificial retina	Annual European Organ on chip Society EUROoCS Conference	2020 - 2021	21-01-2020	Mumbai	0
40	Gore M Bute M Yadav S Majumder A Gosavi S Jain R and Dandekar P	Development of Three D skin model using microfluidics for preclinical research	Trends in Health Care Innovations in India	2019 - 2020	02-01-2020	NIRRH	0
41	Pradipkumar Wavhule and Padma V Devarajan	Effects of Formulation Components on In Vitro Dissolution of Baclofen from Microballoons assisted Gastro retentive tablets	Disso research presentations India DRPI two thousand twenty Online organized by Society for Pharmaceutical Dissolution Science SPDS in collaboration with Association of Pharmaceutical Teachers of India	2020 - 2021	05-06-2020	Mumbai	0
42	Amit S Lokhande Padma V Devarajan	Discriminating dissolution rates Anti tubercular drug microparticles in biorelevant lung media using USP I USP II and USP IV apparatus	Disso research presentations India DRPI two thousand twenty Online organized by Society for Pharmaceutical Dissolution Science SPDS in collaboration with Association of Pharmaceutical Teachers of India	2020 - 2021	05-06-2020	Mumbai	0
43	Sukhada Shevade and Padma V Devarajan	Evaluation of Controlled Release of Lumefantrine from Dual Drug Loaded Antimalarial In situ Implant using USP Paddle Over Disc Apparatus	Disso research presentations India DRPI two thousand twenty Online organized by Society for Pharmaceutical Dissolution Science SPDS in collaboration with Association of Pharmaceutical Teachers of India	2020 - 2021	05-06-2020	Mumbai	0
44	Pradipkumar Wavhule and Padma V Devarajan	Effects of Formulation Components on InVitro Dissolution of Baclofen from Microballoons assisted Gastro retentive tablets	Disso research presentations India DRPI Online organized by Society for Pharmaceutical Dissolution Science SPDS in collaboration with Association of Pharmaceutical Teachers of India	2020 - 2021	05-06-2020	Mumbai	0
45	Amit S Lokhande Padma V Devarajan	Flow through of Co encapsulaed Anti Tubercular Drug Microparticles in Biorelevant Lung Media	DISSO INDIA Chandigarh International Annual Symposium organized by Society for Pharmaceutical Dissolution Science	2019 - 2020	13-09-2019	Chandigarh	0
46	Pooja Ashok Todke Amit S Lokhande Shweta chawla and Padma V Devarajan	Nano Gr Det Point of Care Blood Group Detection Kit	Institutions Innovation Council National Exhibition	2019 - 2020	10-09-2019	AICTE Headquarters New Delhi India	0
47	Amit S Lokhande and Padma V Devarajan	PREG V DET A Kit for Visual Early Pregnancy Detection in Cattle from Urine	Institutions Innovation Council National Exhibition	2019 - 2020	10-09-2019	AICTE Headquarters New Delhi India	0

Details of the Extension & out reach programs conducted for the past 3 years

S.No	Name of the Activity	Collaborating Organization	Year	No.of Teacher's Participated	No.of Student's Participated
1	Nineteenth International eSymposium on Advances in Technology and Business Potential of New Drug Delivery Systems organized by Controlled Release Society Indian Chapter	CRSIC	2020 - 2021	50	215
2	Eighteenth International Symposium on Advances in Technology and Business Potential of New Drug Delivery Systems organized by Controlled Release Society Indian Chapter	CRSIC	2019 - 2020	43	203
3	No activity due to pandemic	None	2021 - 2022	0	0
4	Lecture and animal house visit arranged	Sindhu Swadhyay Sanstha	2019 - 2020	0	50
5	Clinical Data Management CDM	Rashtriya Uchchatar Shiksha Abhiyan RUSA	2019 - 2020	30	0

6	Guided on project	NIUS Chemistry HBCSE	2019 - 2020	0	0
7	Industrial Pharmacy III	Tatyasaheb Kore College of Pharmacy Kolhapur	2019 - 2020	39	0
8	Industrial Pharmacy I	Karad Medicinal Sciences Karad	2019 - 2020	27	0
9	Industrial Pharmacy II	Marathwada Mitramandal College of Pharmacy Pune	2019 - 2020	29	0
10	Industrial Pharmacy I	Rajarshi Shahu College of Pharmacy Buldhane	2019 - 2020	38	0
11	Marketing Management	Yashwantrao Bhonsale College of Pharmacy Sawantwadi Maharashtra	2019 - 2020	36	0

Sports

Facilities available for conducting sports events **Yes**

Name **Prof Shreerang V Joshi** Qualification **PhD**

Experience (in Years) **36**

Details of Physical Director

S.No	Activity	Name of the Activity	Year	No. of Teacher's Participated	No. of Student's Participated
1	Participated	Yoga Day	2020 - 2021	12	23
2	Conducted	Could not be conducted because of COVID nineteen	2020 - 2021	0	0
3	Conducted	HOGATHON	2019 - 2020	0	3
4	Conducted	Athletics	2019 - 2020	0	2
5	Conducted	KHO KHO	2019 - 2020	0	2
6	Conducted	HOOP THE LOOP	2019 - 2020	0	3
7	Conducted	KABBADI	2019 - 2020	0	4
8	Conducted	BOX CRICKET	2019 - 2020	2	3
9	Conducted	TENNIS BALL CRICKET	2019 - 2020	0	3
10	Conducted	SEASON BALL CRICKET	2019 - 2020	0	2
11	Conducted	VOLLEY BALL	2019 - 2020	0	5
12	Conducted	FOOT BALL	2019 - 2020	0	3
13	Conducted	FUTSAL	2019 - 2020	0	3
14	Conducted	BASKETBALL	2019 - 2020	0	3
15	Conducted	THROW BALL	2019 - 2020	0	3
16	Conducted	BADMINTON	2019 - 2020	3	2
17	Conducted	CHESS	2019 - 2020	4	3

Details of the Anti-Ragging cell

Name of the Chairperson of Anti-ragging cell **Professor R. V. Adivarekar** No. of meeting in a year **3**

Is Information provided on website and prospectus of the institute? **Yes** Case reported in previous years **No**

If yes, status of the case (Pending/Closed) **Closed**

(Copy of the Orders for having Constituted the Committee) [View](#)

Details of the Gender Sensitization cell

Name of the Chairperson of Cell **Professor R. R. Deshmukh** No. of activities in a year (Workshop/Guest lecture/orientation) **1**

No. of meeting in a year **1** Case reported in previous years **No**

If yes, status of the case (Pending/Closed) **Closed**

(Copy of the Orders for having Constituted the Committe as per SAKSHAM Guidelines) [View](#)

Details of Anti-discrimination cell

Name of the Chairperson of Anti-discrimination cell **Prof. A. B. Pandit** No. of meeting in a year **1**

Case reported in previous years **No** If yes, status of the case (Pending/Closed) **Closed**

(Copy of the Orders for having the Constituted the Committee) [View](#)

Details of Placement and Career Guidance cell

Name of the Placement Officer **Dr. Hemchandra K. Chaudhari** Mobile Number of the Placement officer **9821198106**

No. of students Participated **54** No. of the Student Placed **33**

Percentage of placement **61** No. of Companies participated in Placement Drive **33**

(Copy of the Constitution to be enclosed as Annexure) [View](#)

Details of information available on College website

Dean/Principal **YES** Teaching staff **YES**

Affiliated university and its VC & Registrar	NO	List of students admitted category wise (UG & PG)in current and previous years	YES
Results of all examinations in previous years	YES	Details of members of the Anti Ragging Committee Members with contact details including landline ph. Mobile, email etc.	YES
Details of members of Gender Harassment Committee Members with contact details including landline Ph. mobile, email etc.	YES	Toll free number to report ragging	NO

Additional Information

Availability of equipments as per norms	YES
Whether the deficiencies pointed in earlier IR have been rectified	YES
Affidavit Document	Click to View Affidavit Document

Statutory Documents

- [Click to View Consent of Affiliation of Examining Authority](#)
- [Click to View NOC/Approval of the State Govt](#)
- [Click to view Approval of examining authority for raise in admission in pharmacy courses as applied for in SIF](#)

Court Cases

No Court Case is filed by the Institution against PCI.

NOTE: Printout is only for your verification and council will not entertain any hard copies of this application.