

## Criteria: 3

# Research, Innovations and Extension

**3.5 Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.**

Sr.No	DVV Query	DVV Clarification submitted
1.	HEI is requested to kindly note that as the MoUs signing in the year 2013-14, 2016-17, and on the date 17/08/2023, 12/07/2023 etc. are beyond the assessment period should not be considered, please relook and provide correct revise data.	<p><b>Kindly note that MoU signed during the year 2013-14, 2016-17 are still functional, activities are being conducted under these MoU, so we request you to consider these MoU as functional MoU during the assessment period.</b></p> <p><b>Collaboration shown on date 17/08/2023 was actually done on 17/08/2022, this was a typing error. So we request you to consider the same for the assessment period.</b></p> <p><b>Collaboration done on date 12/07/2023 is removed from the summary.</b></p>
2.	Please provide the sealed and signed and Copies of MOUs/ collaboration/ related documents indicating the nature of collaboration and activities year-wise for the last five years.	<p><b>Copies of MoU and related information in table form is provided herewith.</b></p>
3.	Please provide the list of activities conducted under each MoU along with dates of starting and completion year-wise signed by both parties.	<p><b>List of activities conducted under each MoU along with dates of starting and completion year-wise signed by both parties is provided herewith.</b></p>
4.	Kindly note that the MoU should be functional during the assessment period.	<p><b>The MoU listed herewith are functional during the assessment period.</b></p>
5.	Kindly note that if the MoU is for three years viz 2018-2020, it shall be counted only once.	<p><b>No MoU is counted twice in the summary provided herewith.</b></p>



### 3.5.1

#### List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise during the last five years:

##### INDEX

Sr. No	Contents	Year	Document
1.	List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	2022-2023	<a href="#">View document</a>
2.	List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wiseA.Y	2021-2022	<a href="#">View document</a>
3.	List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	2020-2021	<a href="#">View document</a>
4.	List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wiseA.Y	2019-2020	<a href="#">View document</a>
5.	List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wiseA.Y	2018-2019	<a href="#">View document</a>
6.	Summary of Outcomes of MoU	2022-23	<a href="#">View document</a>
7.	Summary of Outcomes of MoU	2021-22	<a href="#">View document</a>
8.	Summary of Outcomes of MoU	2020-21	<a href="#">View document</a>
9.	Summary of Outcomes of MoU	2019-20	<a href="#">View document</a>
10.	Summary of Outcomes of MoU	2018-19	<a href="#">View document</a>

**List and Copies of documents indicating the functional MoUs/linkage/collaborations  
activity-wise and year-wise  
2022-23**

Sr. No	Name of the Collaborating Institute	Start date	End date	List of activities	Nature of collaboration	View Document
1	Poona college of Pharmacy, Pune	09/01/2023	09/12/2022	Pharmacodynamic evaluation of Cinnamon extract formulation	Collaborative research	<a href="#">View Document</a>
2	Department of Pharmacy, Vishwakarma University Pune	17/08/2022	17/7/2027	DNA and Protein interaction studies	Collaborative research	<a href="#">View Document</a>
3	Poona college of Pharmacy, Pune	09/01/2023	09/12/2022	Pharmacodynamic evaluation of microemulsion of agomelatine	Collaborative research	<a href="#">View Document</a>
4	Vispute College of Pharmacy, Navi Mumbai	3/3/2023	3/4/23	Experimental Docking studies of Pyrazine Oxadiazole derivatives for Anti tubercular activity	Collaborative research	<a href="#">View Document</a>
5	Seva Sahayog NGO, Pune	07/12/2022	Perpetual	Women Empowerment, Urmi Project and Student volunteering	College Extension Activity	<a href="#">View Document</a>
6	MET College of Pharmacy, Nashik	06/02/2017	Perpetual	Testing activities, sharing of infrastructure	Sharing of infrastructure	<a href="#">View Document</a>
7	MAEERS Maharashtra Institute of Pharmacy	15/02//2017	Perpetual	Testing activities, sharing of infrastructure	Sharing of infrastructure	<a href="#">View Document</a>
8	Padmashri Dr. DY Patil Institute of Pharmaceutical Sciences	24/11/2016	Perpetual	Testing activities, sharing of infrastructure	Sharing of infrastructure	<a href="#">View Document</a>

	and Research					
9	PASSCO Environmental Solutions Pvt Ltd	01/11/2013	Perpetual	Collection and disposal of biological waste	Waste Disposal	<a href="#">View Document</a>
10	Reshmona Pharmaceuticals Office no.5, 3 <sup>rd</sup> floor, Vankateshwarra house near sharda center, Erandwane, Pune 411004, Pune, Maharashtra	1/4/2022`	31/3/2323	Development of Ayurvedic herbal skin care product	Collaborative research	<a href="#">View Document</a>
11	Goa college of pharmacy, Goa.	14/08/2022	13/07/2023	Quantification of ternanry mixture of paracetamol, chlorzoxazone and ibuprofen present in tablet dosage form using subtraction spectropohtometric approaches	Collaborative research	<a href="#">View Document</a>
12	Indus Biotech Ltd. Salukhe Vihar, Kondhawa, Pune	6/7/2022	Perpetual	Formulation development activities, sharing of infrastructure, analytical method development and testing	Collaborative research	<a href="#">View Document</a>



# AISSMS



## APPLICATION FOR INTERDISCIPLINARY RESEARCH

To,  
The Principal  
AISSMS College of Pharmacy, Pune



Subject : Proposal for interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other) Work as per details mentioned below

Name and department of PI & student : Dr Mangesh Bhalekar and Ms. Shraddha Phalake, Dept of Pharmaceutics, AISSMS College of Pharmacy

Name and department of collaborator: Dr Urmila Aswar, Dept of Pharmacology, Poona College of Pharmacy, Pune.

Type of collaboration (guidance/experimental/testing): Pharmacodynamic evaluation of cinnamon extract formulations

Charges if any:

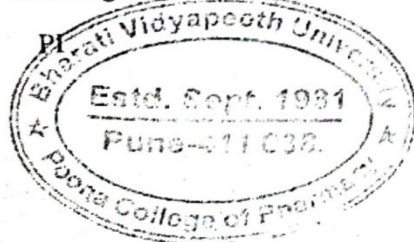
Abstract of work: (150 words)


Cinnamon is known for its anti diabetic potential. However the active constituent cinnamaldehyde has poor solubility and dissolution The purpose of present work is to formulate cinnamon extract for dissolution improvement and check the products for invivo antihyperglycemic activity in diabetic rats.

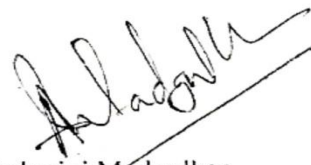
The formulation will be prepared by Dr Mangesh Bhalekar and students of AISSMS and invivo pharmacodynamic activity will be studied by Dr Urmila Aswar at Poona College of Pharmacy using suitable animal model.

The work will manifest its outcome as joint publications.

  
Dr Mangesh Bhalekar,



  
Dr. Urmila Aswar  
Collaborator

  
Dr. Ashwini Madgulkar  
**Principal**  
AISSMS College of Pharmacy  
Pune-1

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# AISSMS



## APPLICATION FOR INTERDISCIPLINARY RESEARCH

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The Principal  
AISSMS College of Pharmacy, Pune

Subject : Proposal for interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other) Work as per details mentioned below

Name and department of PI & student : Dr Urmila Aswar, Dept of pharmacology, Poona College of Pharmacy, Pune.

Name and department of collaborator: Dr Mangesh Bhalekar and Ms Mayuri Ghavate, Dept of Pharmaceutics, AISSMS College of Pharmacy

Type of collaboration (guidance/experimental/testing): Pharmacodynamic evaluation of microemulsion of agomelatine.

Charges if any: NA

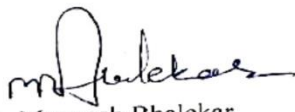
Abstract of work: (150 words)

Agomelatine is an antidepressant drug with absolute bioavailability of only 5% due to first pass hepatic metabolism. The purpose of present work is to formulate microemulsion system for intranasal delivery of agomelatine to improve its bioavailability.

The formulation will be prepared by Dr Mangesh Bhalekar and students of AISSMS and in vivo pharmacodynamic activity will be studied by Dr Urmila Aswar at Poona College of Pharmacy using suitable animal model.

The work will manifest its outcome as joint publications.

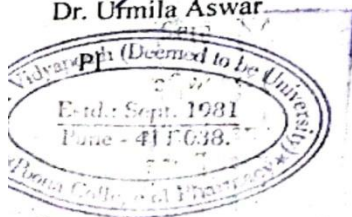
  
Dr. Urmila Aswar

  
Dr. Mangesh Bhalekar

Collaborator

  
Dr. Ashwini Madgulkar

**Principal**  
AISSMS College of Pharmacy  
Pune-1



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# AISSMS



COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH

Approved by AICTE & PCI New Delhi, Recognized by the Government of Maharashtra,  
2F.12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
Accredited by NAAC with A Grade

## APPLICATION FOR COLLABORATIVE RESEARCH WORK

03/03/2023

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject : Proposal for collaborative research.

Respected madam

We propose to carry out research collaboration regarding (PhD) Work as per details mentioned below

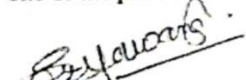
Name and department of PI & student : Mrs Asha Suryawanshi, Vispute College of Pharmacy, Vispute College of Pharmacy, Navi Mumbai

Name and department of collaborator: Mrs Kalyani Asgaonkar, Mrs Shital Patil AISSMS College of Pharmacy and Mrs Asha Suryawanshi, Vispute College of Pharmacy, Navi Mumbai


Type of collaboration (guidance/experimental/testing): Experimental-Docking studies of Pyrazine Oxadiazole derivatives for Antitubercular activity

Charges if any: Rs 3540/-

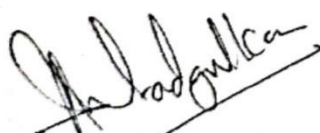
Abstract of work: Molecular docking studies of novel designed Pyrazine Oxadiazole compounds will be carried out for their possible activity as antitubercular agents. Study will be done on Schrodinger software. Docking will be performed using crystal structure (PDB 4tzk). Parameters such as dock score, glide score will be computed. Different interactions between the ligands and the protein such as hydrogen bonds, vander waals and electrostatic forces will be identified. Compounds will be screened based on their dock score and interaction of different chemical groups in the ligand with amino acids in the active site of the protein.

  
Mrs Asha Suryawanshi

PI & Collaborator

  
Mrs Kalyani Asgaonkar, Mrs Shital Patil

Collaborator

  
Dr. Ashwini R Madgulkar  
Principal  
AISSMS College of Pharmacy  
Pune-1



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महाराष्ट्र MAHARASHTRA

2022

BT 500110

अनु.क्र. 115847 दि. - 7 DEC 2022 मु.शु.रकम रु. 500/-

दस्तावा प्रकार:- MOU

दस्त नोंदणी करणार आहेत का ? होय/नाही.

मिळकतीचे वर्णन Principal AISSMS COP

मुद्रांक विकत घेणाऱ्याचे नाव R. To Me - of

पत्ता Seva Sahayog NGOM

दुसऱ्या पक्षकाराचे नाव

हस्ते व्यक्तीचे नाव - Ravi Ghedet पत्ता - 135 Memefatm

*Ravi*

मुद्रांक विकत घेणाऱ्याची सही

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केव्हापासुन ६ महिन्यात वापरणे बंधनकारक आहे.

संजय रंगनाथ चौधरी  
परवाना क्र. 2209994  
१८४, कसबा पेठ, पुणे-११.



30 NOV 2022

प्रथम मुद्रांक लिपी  
कोषागार पुणे क

### MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter called as 'MOU') is entered into on this the day 15<sup>th</sup> December, 2022.

#### BETWEEN

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S Pharmacy College, Pune-01 (Hereafter referred to as AISSMSCOP) represented through its Principal, Dr. Ashwini R. Madgulkar, age about 56 years O/at AISSMS College of Pharmacy, Pune., (hereinafter referred as "First Party", the institution which expression, unless excluded by or repugnant to the

*Dr.*



subject or context shall include its successors- in-office, administrators and assigns) **The party**

**of the FIRST PART**

AND

**Seva Sahayog Foundation, 18, Vrundavan Society, Pathik Bunglow, Off Mhatre Bridge, Near Shri. Ravi Shankar Mandir, Navi Peth, Pune - 411030, the Second Party,** and represented herein by **Shri. Shailesh Ghatpande, Director Operations, Pune** (here in after referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns)

(First Party and Second Party are here in after jointly referred to as 'Parties' and individually as 'Party')

**WHEREAS:**

- A) The first Party is a Higher Educational Institution named AISSMS Pharmacy College.
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intend to cooperate and focus their efforts on cooperation within the following areas:
- D) Students of First Party will be working as volunteers for activities for Second Party.
- E) Both Parties, being legal entities in themselves, desire to sign this MOU for advancing their mutual interest.

The activities of the Second Party as follows:

- Development and welfare for the underprivileged section for the urban slum lives.
- Engaging socially conscious corporates, group and individuals, with NGOs of matching interest with a purpose to collectively add value to the society at a large.
- Student volunteers will be engaged in Kishori Vikas Prakalp's student's beneficiaries, Women empowerment activities and Samutkarsha CLCs.
- Internship and Long term Scholarship Programs.

**NOW THERE FORE, IN CONSIDERATION OF THE MUTUAL PROMISES SETFORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:**

**CLAUSE 1 CO-OPERATION**

1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed each other regarding the type of activities and surveys carried out especially by the Second party.

1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party, providing significant inputs to them in developing suitable database as an output of the study / surveys undertaken by the student's.



1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

1.4 Both parties are entitled to collaborate with each other through 'Students Engagement Program' of Second Party to enhance the participation in various socially engaging activities.

#### CLAUSE 2 SCOPE OF THE MOU

2.1 The budding graduates and post graduates from the institutions could play a key role in socio-economic development of our country. This may lead to innovative ideas which help both the institutions mutually. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.

2.2 **Internships and Visits:** Internships (in the form of student volunteers) will give an insight into the latest developments / requirements of the socio-economic development and in this regard, the Second Party to permit the Faculty and Students of the First Party to undertake internships / field visits / work as volunteers for survey based studies or skill-based activities in the form of Internships for the First Party. This association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its facilities, participation and conduction of workshops etc.

2.3 Both Parties to obtain all internal approvals, consents, permissions and licenses of whatsoever nature required for offering Internships / Training and Visits on the terms specified here in.

2.4 There is no financial commitment on the part of the AISSMS College of Pharmacy, Pune, the First Party to take up any program mentioned in the MOU. If there is any financial consideration, it will be dealt separately.

#### CLAUSE 4 VALIDITY

4.1 This MOU will be valid until it is expressly terminated by either Party on mutually agreed terms, during which **period Shri. Prasad Sirshikar, Head, Volunteer Engagement, Seva Sahayog Foundation**, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of Training Partner or **Shri. Prasad Sirshikar, Head, Volunteer Engagement, Seva Sahayog Foundation**, the Second Party after the termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.

4.2 Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

A handwritten signature in blue ink is positioned to the left of a circular blue stamp. The stamp contains the text 'SEVA SAHAYOG FOUNDATION' around the perimeter and a small star symbol at the bottom.

### CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that the **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied,

on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party,

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Pune.

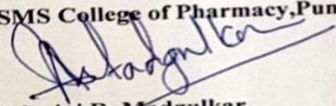
#### **AGREED:**

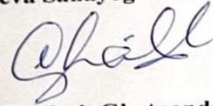
First Party

Second Party

For AISSMS College of Pharmacy, Pune

Seva Sahayog Foundation

  
Dr. Ashwini R. Madgulkar

  
Shri. Shailesh Ghatpande

Principal

Authorized Signatory



AISSMS College	Seva Sahayog Foundation
Address:	Address: Vrundavan Society, Pathik Bungalow, Off Mhatre Bridge, Near Shri. Ravi Shankar Vidya Mandir, Navi Peth, Pune- 411030.
Contact Details:	Contact Details: Shri Prasad Shirsikar
E-mail:	E-mail: pune@sevasahayog.com
Web:	Web:- www.sevasahayog.org

Witness 1:

Witness 1: Shri Prasad Sirshikar

Witness 2:

Witness 2: Mrs. Veerashri Kulkarni

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## MEMORANDUM OF UNDERSTANDING

**AISSMS College of Pharmacy, Kennedy road, Near RTO, Pune-411001**, here in after referred as the **FIRST PARTY** (which term unless the context otherwise requires shall include its representatives, successors of assignees of second party)

&

**MET's Institute of Pharmacy, Bhujbal Knowledge city, Adgaon, Nashik**, herein referred as the **SECOND PARTY** (which term unless the context otherwise requires shall include its representatives, successors of assignees of first party)

### PREAMBLE

- a) **AISSMS College of Pharmacy, Pune** is a renowned pharmacy institute of Pune area established in 1996. It is approved by AICTE, PCI and University of Pune. B.Pharm Programme of the Institute is accredited by National Board of Accreditation (NBA), New Delhi. The Institute has well-equipped laboratories with ultra modern facilities supported by highly qualified teaching faculty in all branches created by the institute. The institute has invested more than 2 crores on equipments. The institute has well furnished Central Library facility with reference books, text books, national and international journals and internet facility to boost learning efforts. The institute offers PhD programs in Pharmaceutics and Pharmaceutical Chemistry and its R&D center is recognized by Savitribai Phule Pune University.
- b) **MET's Institute of Pharmacy, Bhujbal Knowledge city, Adgaon, Nashik**. It is a premium institute imparting education in Pharmaceutical Sciences as well as carrying out research in Pharmaceutical Science. It is recognized by the AICTE, PCI and affiliated to University of Pune. Recently, the institute is recognized as a Ph.D. research centre for Pharmaceutics the Savitribai Phue Pune University. The institute has well equipped laboratories along with the advance instruments and well established industrial pharmacy laboratory. The institute is engaged in quality research and has qualified and

experienced faculty. The institute has well furnished Central Library facility with reference books, text books, national and international journals and internet facility as a part of informal teaching.

#### GOALS AND OBJECTIVES

The **FIRST PARTY** is engaged in teaching and research in Pharmaceutical Science.  
The **SECOND PARTY** is engaged in teaching and research in Pharmaceutical Science.  
The **FIRST PARTY** and the **SECOND PARTY** have agreed to share the Library facilities And instrumental facilities for mutual benefit such as:

1. Usage of instrumental facilities by the students and faculty with prior permission of Head of the institutes of both the parties.
2. Usage of library books, study material, e-journals, etc, under the Inter-Library Loan (ILL) facility, by the students and faculty with prior permission of Head of the institutes of both the parties.

Now this deed of MOU is agreed by and between the parties under following terms and condition:

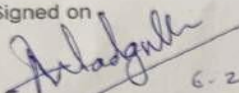
#### TERMS AND CONDITIONS:

1. The library facilities will be shared at the premises of **BOTH THE PARTIES** as per the need of work mutually agreed upon.
2. The instrumental facilities will be shared at the premises of **BOTH THE PARTIES** as per the need of work mutually agreed upon.
3. **BOTH THE PARTIES** may allow students of B. Pharm., M.Pharm and Ph.D. to utilize the expertise of faculty and/or students of their organizations. The required books and/or study material will be issued to the students in college premises (if applicable)

for their studies other than those available with **SECOND PARTY** and are to be made available by **FIRST PARTY and Vice Versa.**


4. Any publication(s) related to the work/study shall acknowledge the assistance provided (if any) by the **FIRST PARTY and vice-versa.**
5. All facilities shared between **BOTH THE PARTIES** shall be reviewed every six months by joint committee appointed for the purpose by **BOTH THE PARTIES** in order to advice on the future course of sharing.
6. Any dispute arising shall be settled through mutual negotiations only without recourse to resolving the dispute by legal means or at the most by arbitration on mutual terms.

Signed on

  
6-2-17  
Dr. A. R. Madgulkar  
Principal



AISSMS College of Pharmacy, Pune-411001

  
6-2-17  
Dr. S.J. Kshirsagar  
Principal



MET's Institute of Pharmacy,  
Bhujbal Knowledge city,  
Adgaon, Nashik

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' सत्याला मरण नाही '

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
**COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi, Recognized by Govt. of Maharashtra  
and Affiliated to Savitribai Phule Pune University)

Kennedy Road, Near R.T.O., Pune - 411 001.

www.aissmscop.com Email: contact@aissmscop.com

College ID No.: PU/PN/Pharm/117/(1996)

26058208  
26058204

Ref. No.: COP/PN/2016-17/148-3

Date : 15 FEB 2017

To

The Principal  
MAEER'S Maharashtra Institute of Pharmacy,  
Pune

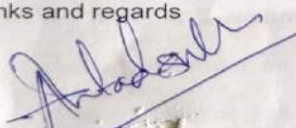
**Subject:** Regarding memorandum of understanding for sharing the infrastructural facilities.

Sir

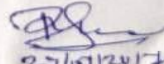
Please find enclosed the copy of Memorandum of Understanding (MOU) between AISSMS College of Pharmacy, and MAEER'S Maharashtra Institute of Pharmacy, Pune regarding sharing of library and instrument & infrastructural facilities. The sharing of facilities will enhance the learning experience of the students and will be of mutual benefit of faculties.

Please accept and acknowledge the draft of agreement.

Thanks and regards

  
Dr Ashwini R Madgulkar

**Principal**  
AISSMS College of Pharmacy  
Pune-1

Received  
  
27/01/2017

engaged in quality research and has qualified and experienced faculty. The institute has well furnished Central Library facility with reference books, text books, national and international journals and internet facility as a part of informal teaching.

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And instrumental facilities for mutual benefit such as:

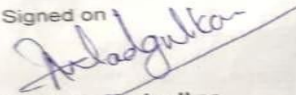
1. Usage of instrumental facilities by the students and faculty with prior permission of Head of the institutes of both the parties.
2. Usage of library books, study material, e-journals, etc, under the Inter-Library Loan (ILL) facility, by the students and faculty with prior permission of Head of the institutes of both the parties.

Now this deed of MOU is agreed by and between the parties under following terms and condition:

TERMS AND CONDITIONS:

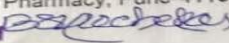
1. The library facilities will be shared at the premises of **BOTH THE PARTIES** as per the need of work mutually agreed upon.
2. The instrumental facilities will be shared at the premises of **BOTH THE PARTIES** as per the need of work mutually agreed upon.
3. **BOTH THE PARTIES** may allow students of B. Pharm., M.Pharm and Ph.D. to utilize the expertise of faculty and/or students of their organizations. The required books and/or study material will be issued to the students in college premises (if applicable) for their studies other than those available with **SECOND PARTY** and are to be made available by **FIRST PARTY** and **Vice Versa**.
4. Any publication(s) related to the work/study shall acknowledge the assistance provided (if any) by the **FIRST PARTY** and **vice-versa**.
5. All facilities shared between **BOTH THE PARTIES** shall be reviewed every six months by joint committee appointed for the purpose by **BOTH THE PARTIES** in order to advice on the future course of sharing.
6. Any dispute arising shall be settled through mutual negotiations only without recourse to resolving the dispute by legal means or at the most by arbitration on mutual terms.

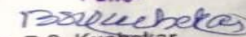
Signed on



Dr. A. R. Madgulkar  
Principal

AISSMS College of Pharmacy, Pune-411001

Principal   
AISSMS College of Pharmacy  
Pune-1

  
Dr. B.S. Kuchekar  
Principal

MAEER'S Maharashtra Institute of Pharmacy, Pune

Date: 15<sup>th</sup> Feb 2017





' सत्याला मरण नाही '

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
**COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi, Recognized by Govt. of Maharashtra  
and Affiliated to Savitribai Phule Pune University)

Kennedy Road, Near R.T.O., Pune - 411 001.

www.aissmscop.com Email: contact@aissmscop.com College ID No.: PU/PN/Pharm/117/(1996)

26058208  
26058204

Ref. No.: COP/PN/2016-17/103 -①

Date: 24/11/2016

To

The Principal

Dr. D.Y.Patil Vidya Pratishthan Society's

Padmashree Dr. D.Y.Patil Institute of Pharmaceutical

Science & Research, Pimpri Pune-411018

**Subject:** Regarding memorandum of understanding for sharing the infrastructural facilities.

Sir

Please find enclosed the copy of memorandum of understanding (MOU) between AISSMS college of Pharmacy, and Padmashree Dr. D.Y.Patil Institute of Pharmaceutical Science & Research, Pimpri Pune, regarding sharing of infrastructural facilities. The sharing of facilities such as library and instrumentation will enhance the learning experience of the students and will be of mutual benefit.

Please accept and acknowledge the draft of agreement.

Thanks and regards

Dr Ashwini R Madgulkar

**Principal**  
AISSMS College of Pharmacy  
Pune-1

Received  
Vijay Lunge

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26058208  
26058204

Ref. No.:

Date : 24 NOV 2016

**MEMORANDUM OF UNDERSTANDING**

AISSMS College of Pharmacy, Kennedy road, Near RTO, Pune-411001, here in after referred as the **FIRST PARTY** (which term unless the context otherwise requires shall include its representatives, successors of assignees of second party)

&

Dr. D.Y.Patil Vidya Pratishthan Society's Padmashree Dr. D.Y.Patil Institute of Pharmaceutical Science & Research, Pimpri pune-411018 herein referred as the **SECOND PARTY** (which term unless the context otherwise requires shall include its representatives, successors of assignees of first party)

**PREAMBLE**

- a) AISSMS College of Pharmacy, Pune is a renowned pharmacy institute of Pune area established in 1996. It is approved by AICTE, PCI and University of Pune. B.Pharm Programme of the Institute is accredited by National Board of Accreditation (NBA), New Delhi. The Institute has well-equipped laboratories with ultra modern facilities supported by highly qualified teaching faculty in all branches created by the institute. The institute has invested more than 2 crores on equipments. The institute has well furnished Central Library facility with reference books, text books, national and international journals and internet facility to boost learning efforts. The institute offers PhD programs in Pharmaceutics and Pharmaceutical Chemistry and its R&D center is recognized by Savitribai Phule Pune University.



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www.aissmscop.com Email: contact@aissmscop.com College ID No.: PU/PN/Pharm/117/(1996)

Ref. No.:

Date : 24 NOV 2016

b) Dr. D. Y. Patil Vidya Pratishthan Society's Padmashree Dr. D. Y. Patil Institute of  
Pharmaceutical Sciences & Research, Pimpri, Pune. 411018,

It is a premium institute imparting education in Pharmaceutical Sciences as well as carrying out research in Pharmaceutical Science. It is recognized by the AICTE, PCI and affiliated to University of Pune. Recently, the institute is recognized as a Ph.D. research centre for Pharmaceutics and Pharmaceutical Chemistry by the University of Pune. B.Pharm Programme of the Institute is accredited by National Board of Accreditation (NBA) New Delhi. The institute has well equipped laboratories along with the advance instruments and well established industrial pharmacy laboratory. The institute is engaged in quality research and has qualified and experienced faculty. The institute has well furnished Central Library facility with reference books, text books, national and international journals and internet facility as a part of informal teaching.



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☎ 26058208  
26058204

Ref. No.:

Date : 24 NOV 2016

**GOALS AND OBJECTIVES**

The **FIRST PARTY** is engaged in teaching and research in Pharmaceutical Science.

The **SECOND PARTY** is engaged in teaching and research in Pharmaceutical Science.

The **FIRST PARTY** and the **SECOND PARTY** have agreed to share the Library facilities

And instrumental facilities for mutual benefit such as:

1. Usage of instrumental facilities by the students and faculty with prior permission of Head of the institutes of both the parties.
2. Usage of library books, study material, e-journals, etc, under the Inter-Library Loan (ILL) facility, by the students and faculty with prior permission of Head of the institutes of both the parties.

Now this deed of MOU is agreed by and between the parties under following terms and condition:

**TERMS AND CONDITIONS:**

1. The library facilities will be shared at the premises of **BOTH THE PARTIES** as per the need of work mutually agreed upon.
2. The instrumental facilities will be shared at the premises of **BOTH THE PARTIES** as per the need of work mutually agreed upon.
3. **BOTH THE PARTIES** may allow students of B. Pharm., M.Pharm and Ph.D. to utilize the expertise of faculty and/or students of their organizations. The required books and/or study material will be issued to the students in college premises (if applicable) for their studies other than those available with **SECOND PARTY** and are to be made available by **FIRST PARTY and Vice Versa**.
4. Any publication(s) related to the work/study shall acknowledge the assistance provided (if any) by the **FIRST PARTY and vice-versa**.



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www.aissmscop.com Email: contact@aissmscop.com College ID No.: PU/PN/Pharm/117/(1996)

Ref. No.:

Date : 24 NOV 2016

5. All facilities shared between **BOTH THE PARTIES** shall be reviewed every six months by joint committee appointed for the purpose by **BOTH THE PARTIES** in order to advice on the future course of sharing.
6. Any dispute arising shall be settled through mutual negotiations only without recourse to resolving the dispute by legal means or at the most by arbitration on mutual terms.

Signed on -

**Dr. A. R. Madgulkar**  
Principal



AISSMS College of Pharmacy, Pune-411001

**Dr. S.S. Chitlange**  
Principal

Dr. D. Y. Patil Vidya Pratishthan Society's  
Padmashree Dr. D. Y. Patil Institute of Pharmaceutical  
Sciences & Research, Pimpri, Pune. 411018,

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महाराष्ट्र MAHARASHTRA

अनुक्रमांक क. 32002 दि. 13 NOV 2013 रुपये 500

मुद्रांक कोणत्या कारणासाठी वापरावयाचा आहे

मुंबई मुद्रांक अधिनियम १९५८ चे अनुच्छेद क्र. M.O.U.

मुद्रांक वापरणाराने संपूर्ण नाव AISSMS College of Pharmacy

संपूर्ण पत्ता RTD. Pune - 1

हरते व्यक्तीचे संपूर्ण नांव Ravi AhloP

पत्ता BS Marathe 2

मुद्रांक धारकाची सही

हरते व्यक्तीची सही

संजय आर. चौधरी (मुद्रांक विक्रेता)

परवाना क्र. २२०१११४

पत्ता:- १८४, कसबा पेठ, पुणे-४११०११.

परवान्याची मुदत:- ३१/३/२०१४

S 401125



**MEMORANDUM OF UNDERSTANDING**

M/s. Passco Environmental Solutions Pvt. Ltd., having its registered office at 34/4, Narayani, Erandawane, Pune 411 004, hereinafter referred to as PESPL represented by it's Director Mr. Sunil G. Dandawate and All India Shri Shivaji Memorial Society's, College of Pharmacy, Kennedy Road, Near RTO, Pune - 411 001, being College run by a registered educational institution, vide registration No. 3238 OF 1955-1956 ACT XXI OF 1860 represented by its Principal, Dr Ashwini R. Madgulkar hereinafter referred as AISSMS College of Pharmacy, have hereby agreed and come to the Memorandum of Understanding on this 13<sup>th</sup> day of November month year 2013 as detailed below:

1



*Sunil G. Dandawate*

WHEREAS M/s. Passco Environmental Solutions Pvt. Ltd., being a company registered with the Directorate of Industries, Govt. of Maharashtra bearing Entrepreneurs Memorandum No. 27-025-21-00236 – PART-II, Acknowledged on 30/01/2010. The copy of the Acknowledgement to that effect is annexed herewith as Annexure. 'A', has been appointed by Pune Municipal Corporation (hereinafter also referred to as PMC) vide agreement dated 20<sup>th</sup> April 2009 as "The Operator" for the purposes of developing, operating and maintaining Infrastructure facility for the solid waste management system for the treatment/disposal of "Bio – medical Waste" for PMC area and surrounding area

AND WHEREAS in view of non-registration by AISSMS College of Pharmacy with PMC, PMC has requested PESPL to fix rates directly with AISSMS College of Pharmacy for the treatment of bio-medical waste at the Infrastructure Facility being developed, operated and maintained by PESPL in terms of the aforesaid Agreement with PMC and raise and collect the amount of bills directly from AISSMS College of Pharmacy and hence this Agreement is being entered into with AISSMS College of Pharmacy for fixing up rates and other terms and conditions.

NOW THIS INDENTURE WITNESSTH AS UNDER

- a. All India Shri Shivaji Memorial Society's, College of Pharmacy have obtained authorization independently from Maharashtra Pollution Control Board as a Generator of Bio Medical Waste.
- b. All India Shri Shivaji Memorial Society's, College of Pharmacy has to segregate and give its bio-medical waste, properly packed in color-coded bags (as per Schedule I given in Gazette of Central pollution control Board regulations, August 2003) for treatment and final disposal to PESPL. The waste has to be weighed and physically handed over to PESPL Vehicle at specified collection point and at given time.
- c. All India Shri Shivaji Memorial Society's, College of Pharmacy shall purchase colour coded bags with Barcode stickers at prices decided from time to time. The present Price List is made available by PESPL.
- d. B.M.W. will be accepted in Bar coded bags supplied by PESPL only. PESPL will not accept any loose waste or waste packed in any other bags. PESPL will not accept food waste, coconuts, medicine wrappers or any kind of general waste.
- e. Deposit of Rs 20000/- is required to be kept with PESPL. All India Shri Shivaji Memorial Society's, College of Pharmacy shall pay PESPL Rs 20,000/- (Rs Twenty Thousand Only) as interest free security deposit as advance which will be refunded forthwith by PESPL to All India Shri Shivaji Memorial Society's, College of Pharmacy upon expiry or earlier termination of MOU.
- f. PESPL will charge a price of Rs.75/- (Rupees Seventy Five only) per Kg or part thereof, as agreed with for collection, transportation, treatment and final disposal of biomedical waste. This price will be Valid up to next Revision.



*Handwritten signature*

- g. PESPL will not accept any Chlorinated waste or any waste subjected to any type of Radiation. All India Shri Shivaji Memorial Society's, College of Pharmacy shall issue monthly certification accordingly.
- h. All India Shri Shivaji Memorial Society's, College of Pharmacy shall issue Laboratory Analysis Report about the Medicines to be disposed (Liquid or Solid) before handing over such waste to PESPL and obtain their prior approval for the same.
- i. It is made clear to the Generator that No Untreated Bio-Medical Waste should be kept stored beyond a period of 48 hours.
- j. PESPL will be charging on minimum monthly weight basis. All India Shri Shivaji Memorial Society's, College of Pharmacy agrees for minimum weight of 25 kgs p.m. and is assuring that payment would be made by Account Payee cheque in favour of PESPL on or before 15<sup>th</sup> of every month.
- k. PESPL is not responsible for any cash payments and also will recover bank charges, in the event of cheque bounce.
- l. In case of non-receipt of payment on the agreed date from All India Shri Shivaji Memorial Society's, College of Pharmacy, PESPL will stop the collection of waste immediately with intimation to Maharashtra Pollution Control Board. The delayed payments will be collected with an interest of 12% per annum.
- m. PESPL will collect Bio-medical waste regularly and treat the waste as per the regulations. PESPL will issue Annual Certificate about B.M.W. received from All India Shri Shivaji Memorial Society's, College of Pharmacy.
- n. PESPL is not responsible for disposal of any illegal material, as the bags are to be sealed by the user and PESPL will not open the sealed bags. The body parts, if any, must accompany proper certification from appropriate authority.
- o. PESPL will issue a proof of waste collection from All India Shri Shivaji Memorial Society's, College of Pharmacy on yearly basis. This will help the individual organization for getting compliance with the Maharashtra Pollution Control Board. The individual organization can take their Authorization from the Maharashtra pollution control board by informing the board that M/s. Passco Environmental Solutions Pvt. Ltd. treats their waste (The same has to be mentioned in the Authorization Form).
- p. In case All India Shri Shivaji Memorial Society's, College of Pharmacy, finds any irregularities in collection of waste, they can send a letter in writing to PESPL for immediate action.
- q. This Memorandum of understanding is entered into on the express understanding that M/s. Passco Environmental Solutions Pvt. Ltd will maintain and run the facilities and collect, transport and treat the waste at their plant strictly in accordance with the terms of the Maharashtra Pollution Control Board and it shall be their responsibility to obtain the consent and keep the same always valid.



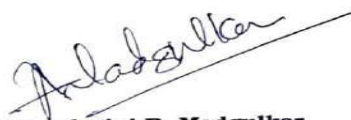
*Arbabulla*

r. In case of violation of any of the agreed conditions of the MOU by either side, issue of one month advance notice, by either party, is sufficient for terminating their respective obligations under this MOU. All disputes to this understanding are subject to the Jurisdiction of the court in Pune only.

All the above points will have legal binding for a minimum period of one year from date of this agreement.



Mr. Sunil G. Dandawate  
Director



Dr. Ashwini R. Madgulkar  
Principal  
All India Shri Shivaji Memorial Socy  
COLLEGE OF PHARMACY  
Kennedy Road, Near R.T.D. Bus Stop



# AISSMS

## COLLEGE OF PHARMACY

Approved by AICTE & PCI New Delhi, Recognized by  
the Government of Maharashtra, 2f, 12B recognition by UGC, Affiliated to  
Savitribai Phule Pune University College ID No. PU / PN / Pharm / 117 / (1996)  
Accredited by NAAC with 'A' Grade



### APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)

1/4/2022

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other)

Work as per details mentioned below

Name and department of PI & student: Dr Reshma Mirajkar

Name and department of collaborator: Reshmona Pharmaceuticals, Office no 5 ,3rd Floor,  
Venkateshwara house near Sharda centre Erandwane, Pune 411004

Type of collaboration (guidance/experimental/testing): Experimental and guidance on  
Ayurvedic /Herbal Formulations

Charges if any: None

Abstract of work: (150 words)

Reshmona Pharmaceuticals is involved in development of variety ayurvedic /Herbal skin care  
products and wish to collaborate with AISSMS College of Pharmacy for Experimental and  
guidance with regards to same.

PI

Dr Reshma Mirajkar

AISSMS College of Pharmacy, Pune

Collaborator

Ms Mona Pandit

Reshmona Pharmaceuticals

Principal  
AISSMS College of Pharmacy  
Pune-1



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# AISSMS

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Accredited by NAAC with 'A' Grade



## APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

14/08/2022

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding (B Pharm/ M Pharm/ PhD/Other) Work as per details mentioned below

Name and department of PI & Student: Dr. Santosh V. Gandhi, Professor, Dept. of Pharmaceutical Chemistry.

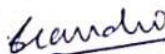
Name and department of collaborator: Dr. Anand A. Mahajan, Professor, Goa College of Pharmacy, Goa

Type of collaboration (Guidance/experimental/testing): **Quantification of ternary mixture of paracetamol, chlorzoxazone and ibuprofen present in tablet dosage form using ratio subtraction spectrophotometric approaches**


Charges if any: NIL

**Abstract of work: (150 words)**

A sensitive and selective spectrophotometric approach comprising of successive ratio subtraction was developed for quantification and resolution of spectrum of mixture containing three components without prior separation. Three components, namely paracetamol, chlorzoxazone and ibuprofen were present in tablet dosage form. The linearity studies were carried out by recording zero order spectra and measuring absorbances at 285.0, 282.0 and 220.0 nm for paracetamol, chlorzoxazone and ibuprofen respectively. The drugs exhibited linear response in the concentration range of 6.0 – 18.0, 3.0 – 15.0 and 4.0 – 20.0 µg / mL for paracetamol, chlorzoxazone and ibuprofen respectively. The spectrum of paracetamol was most extended which was subsequently followed by moderately extended spectrum of chlorzoxazone and unextended spectrum of ibuprofen. The ratio spectra were manipulated successfully for quantification of paracetamol, chlorzoxazone, and ibuprofen. The developed method was validated as per ICH guidelines for the parameters of specificity, linearity, precision and accuracy. The percent recoveries for all the three drugs were in the range of 98.0 – 102.0 % with mean recovery of paracetamol, chlorzoxazone and ibuprofen were 99.72, 99.02 and 100.34 % respectively. Additionally the validity of the method is assured by analyzing marketed formulation.

  
Dr. Santosh Gandhi,  
Professor

  
Dr. Anand Mahajan  
Professor & Collaborator

  
Principal  
AISSMS College of Pharmacy  
Pune-411001



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# AISSMS

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Accredited by NAAC with 'A' Grade



## APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

17/05/2023

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research training collaboration regarding (B Pharm/ M Pharm/ PhD/Other) Work as per details mentioned below

Name and department of PI & Student: Dr. Santosh V. Gandhi, Professor, Dept. of Pharmaceutical Chemistry.

Name and department of collaborator: Dr. Swaroopa Hatolkar, Senior Scientist, Mr. Biologist, Guwahati

Type of collaboration (Guidance/experimental/testing/Training): **Training of Students for Research Equipment and Facilities**

Charges if any: NIL

Abstract of work: (150 words)

Two Days Short Term Training Program called "Train the Trainer" Program to be conducted on Topic "Advanced Analytical Tools for Efficient Analysis of Dosage Forms" for the 06 students of V. G. Shivdare College of Arts, Commerce and Science, Solapur between 12/07/2023 to 13/07/2023 to make them acquire more knowledge and technical skills. The students will be trained through collaborative "Train the Trainer" approach of AISSMS College of Pharmacy, Pune and Mr. Biologist, Research and Training Organization, Guwahati (Pune Branch)

Dr. Santosh Gandhi,  
Professor  
Dept. of Pharmaceutical Chemistry  
AISSMS College of Pharmacy, Pune

Dr. Swaroopa Hatolkar  
Scientist & Collaborator  
Mr. Biologist, Research and Training Organization  
Guwahati (Pune Branch)



Principal  
AISSMS College of Pharmacy  
Pune-411001

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महाराष्ट्र MAHARASHTRA

एषा कायदासंगती कालाची सुरक्षासंगती एषा कायदासंगती  
मुद्रण करतो वेळीस २०२१ मध्ये मुद्रण करणारासाठी  
मुद्रण करणे आवश्यक आहे.

BM 293416

अंक क्र. 3776 दि. 7/7/2022 मध्ये सन  
१) करारनाम प्रकृत: Agreement  
२) करार मांडणी करणारा व्यक्तीचा नाव: लेख/गृही  
३) मिळालेले पत्ता:  
४) मुद्रण करणारा व्यक्तीचा नाव: Indus Biotech Ltd.  
५) पत्ता: Salunke Vihar Road, Kondhwa Pune 41  
६) एवढे सादर: Yogesh Gawali  
७) पत्ता: Camp, Pune 41  
८) मुद्रण करणारा व्यक्तीचा नाव: AISSMS College of Pharmacy  
मुद्रण करणेसाठी सही



Memorandum of Understanding

This Stamp Paper forms an integral part of the Memorandum of Understanding executed on 7<sup>th</sup> July 2022 at Pune.





## Memorandum of Understanding

This Memorandum of Understanding (“MOU”) is executed on 18<sup>th</sup> May 2022 by and between Indus Biotech Limited, having its principal office at 1, Rahul Residency, Plot Nos 6 & 7, Off Salunke Vihar Road, Kondhwa, Pune - 411043 (Hereinafter referred to as “Company”) and AISSMS College of Pharmacy, Pune, having its principal office at Near RTO, Kennedy Road, Sangamvadi, Pune, Maharashtra 411001. (Hereinafter referred to as “AISSMS COP”). The Company and AISSMS COP are sometimes hereinafter referred to individually as a “Party” or collectively, the “Parties”.)

### Background

The Company is an entity engaged in the business of researching, developing and manufacturing ethical formulations for chronic indications from botanical sources as well as functional ingredients from natural resources.

AISSMS College of Pharmacy, Pune is a centrally located institution run by All India Shri Shivaji Memorial Society, Pune. The institute is established with the predetermined goal of becoming a center of excellence for pharmaceutical education and research. The college primarily aims in satisfying the ever-changing need of quality pharmacist to provide total pharmaceutical solutions to the needy.

The Company and AISSMS COP have determined that it is in their mutual best interests to explore the possibilities of a business relationship. After several meetings and discussions between the Company and AISSMS, it appears that the two entities have complementary capabilities and are interested in exploring a relationship for the purpose of undertaking a project as specified in the Annexure A.

#### 1. Vision

The vision shared by the parties is to undertake the services of the Company as mentioned in Annexure A (the “Project”).

#### 2. Project Description

The Parties agree to complete the Project in a timely manner by working together to complete the following tasks:

- a. The Company shall offer projects to M. Pharm students and teaching faculties of AISSMS. The concept, materials supplies, and guidance required to undertake shall be provided by the Company
- b. The new equipment's for undertaking the projects will be provided by the Company to AISSMS COP. This will be the sole property of the Company and shall be donated to AISSMS College of pharmacy for the project & for training and Academic studies for M. Pharm students.
- c. The official guide will be from AISSMS COP and person from Indus Biotech will be actively involved in progress of work.
- d. The testing services to be availed for this project shall be outsourced and the testing charges will be paid by the Company at actual or on mutually agreed terms. All the valid invoices for availing the Testing services will be provided by AISSMS COP to the Company. Any testing services provided by AISSMS involving consumables will be charged nominally or can be included in project cost.

- e. The entire project cost will be based on the project undertaken which shall be calculated as per the institutional protocol. After the end of each Quarter defined scope will be reviewed by AISSMS and the Company team for work done and based on mutual agreement the invoice will be raised by AISSMS COP to the Company for approval and payment.
- f. Both the parties shall mutually decide the time frame of the project and AISSMS COP shall strictly follow the timeframe as decided and review will be performed from time to time by the Company.
- g. If any delay is anticipated in the Project, it should be immediately intimated by AISSMS COP and the revised time frame must be shared. The delay in the time frame should not exceed beyond 15 days from previous completion date of project

### 3. Intellectual Property.

- a. The parties each agree that the Results and the Intellectual Property in and to the Results shall be owned as follows:
  - (i) by the Company, to the extent that such Results relate to the Company's Background Intellectual Property (the "Company Results"); and
  - (ii) by AISSMS, all Results other than the Company Results (the "AISSMS COP Results"). To the extent that the Results include tangible materials, AISSMS Results shall include all tangible property rights and Intellectual Property in such Results.
- b. Each party hereby irrevocably assigns to the other all right, title and interest in and to the Results and Intellectual Property therein owned by the other party according to the above, without additional cost, for all useful purposes, including and without limitation commercial purposes, worldwide and for the entire term of protection of the rights recognized by applicable law. The rights assigned also include the right of the owning party to obtain protection for the Results it owns, in any country of the world, in its own name or the name of a third party it designates, by means of any intellectual property right that it may select. Each party undertakes to execute, and shall cause its employees to execute, all documents and filings which may be necessary to give effect to the provisions of this Article. If and to the extent the Intellectual Property in and to the Results are not assignable according to the above or as long as the assignment has not yet become effective in a particular jurisdiction, the assignor agrees to grant and hereby grants to the assignee as of the Effective Date an exclusive, perpetual, irrevocable, transferable and sub-licensable, fully paid-up right to use the Intellectual Property in such jurisdiction, which includes the right to use the Intellectual Property in any form and manner for all useful purposes, including and without limitation commercial purposes, whether now known and/or technically possible or hereafter devised.
- c. Each party is and shall remain the exclusive owner of its respective Background Intellectual Property and Documentation.
- d. To the extent that any Background Intellectual Property of Company or any Company Results is embodied in or necessary to use the AISSMS COP Results (the "Embedded Company IP"), the Company hereby grants AISSMS COP a non-exclusive, worldwide, perpetual, irrevocable, fully paid up license to (i) use, make, have made, sell, offer to sell, reproduce, perform, display, distribute, and import such Embedded Company IP, (ii) adapt, modify, and create derivative works of such Embedded Company IP, and (iii)

sublicense the foregoing rights. Such foregoing rights and licenses shall be freely assignable and sub-licensable, to the extent necessary to allow the assignee or sub-licensee, as the case may be, to use and exploit the Results or portion, modification, improvement or derivative work thereof. For clarity, the above license includes the method of extraction and production developed by the Company as specified in Exhibit B and as refined by the Company and AISSMS COP in the course of this Purpose.

- e. The Company shall be responsible, at its sole cost and expense, for prosecuting, maintaining, and defending any protection of its Background Intellectual Property and Company Results, including filing and prosecuting patent applications. To this end, the Company shall use diligent and reasonable efforts and shall promptly provide AISSMS COP with all relevant information, in particular if the Company exceptionally elects not to pursue the prosecution, maintenance, or defense of its Background Intellectual Property and Company Results.

#### 4. Confidentiality.

In connection with completion of the Project, the Parties anticipate that they will make available to each other and their respective directors, officers, employees, agents and representatives (collectively, "Representatives") certain confidential information concerning their respective proprietary information, including but not limited to designs, concepts, drawings, ideas, inventions, specifications, techniques, discoveries, models, reports, data, content material, source code, object code, documentation, diagrams, flow charts, file record layouts, databases, research, development, processes, procedures, know-how, show-how, new product or new technology information, marketing techniques and materials, marketing plans, trade secrets, timetables, strategies and development plans (including prospective trade names or trademarks), customer names and other information related to customers, pricing policies, and financial information (collectively, the "Confidential Information"). The sole purpose of and use of the Confidential Information shall be to complete the Project. In this Paragraph 4, all references to a Party or the Parties include their respective Representatives and any persons and entities such Party controls, is controlled by or with which it is under common control. With respect to the treatment of Confidential Information, the Parties Agree as follows:

- a. The Parties will use the Confidential Information solely for the purpose of completing the Project and that the Confidential Information will be kept strictly confidential.
- b. The term "Confidential Information" does not include any information that (a) is or becomes available to the public as a result of disclosure by the disclosing Party or any third party unrelated to the disclosing Party, (ii) was available to the non-disclosing Party on a non-confidential basis prior to its disclosure, (iii) becomes available to the non-disclosing Party on a non-confidential basis from an independent source provided that such source is not bound by a confidentiality agreement with the disclosing Party or (iv) is developed by the non-disclosing Party independently and without reference to information provided by the disclosing Party.
- c. Without the prior written consent of the disclosing Party (or unless permitted by clause below), the non-disclosing Party will not disclose to any person or entity either the fact that Project is ongoing or the status thereof, unless in the opinion of the non-disclosing Party's counsel disclosure is required to be made under any applicable law or regulation.
- d. In the event any Party receives a request or order from a court or other governmental agency of

- competent jurisdiction to disclose all or any part of the Confidential Information, such Party agrees that to the extent it is not prejudiced thereby, it will (a) immediately notify the other Party of the existence, terms, and circumstances surrounding such a request or order and (b) give such other Party the opportunity at its sole cost and expense to seek a protective order with respect to such disclosure or otherwise resist or narrow such request or order.
- e. Except as contemplated by Paragraph 3 hereof, the Parties agree that at the conclusion of the Project, or at such date as either Party shall request, all copies of the Confidential Information in any form whatsoever will be returned and no copy thereof shall be retained.
5. **Expenses.** Each Party shall be responsible for its own fees and expenses incurred in connection with the transactions and activities contemplated by this MOU (including without limitation legal, accounting, and consulting fees and expenses).
6. **Termination.** This MOU may be terminated (i) by mutual written consent of the Parties at any time, or (ii) upon written notice by any Party to the other Party, and each Party shall have no further obligations hereunder; provided, however, that Termination shall not affect or relieve the liability of any Party for breach of any obligations contained in Sections 3, 4, 5, 7, 8, 10, 11, 12, 13 and 14 which shall survive any such Termination.
7. **Governing Law and Jurisdiction.** The agreement shall be governed and construed in accordance with the laws of India. Any dispute arising from the performance of this agreement or in connection with the validity, interpretation, implementation or alleged material breach of any provision of this agreement shall be resolved amicably by the parties. In the event if the parties fail to resolve the dispute in this way within 15 days from the date when the dispute arose, such dispute shall be submitted to Arbitration under the Indian Arbitration and Conciliation Act, 1966 by a Sole Arbitrator to be appointed mutually by both the parties. The parties agree that subject to the provisions for arbitration clause above, this agreement will be subject to the exclusive jurisdiction of competent court(s) at Pune and any suit to enforce the rights of either party under or in respect of this agreement shall be instituted in and tried by competent court only in Pune and in no other court subject to the exception that the disclosure will be at liberty to obtain equitable and injunctive relief from a court of competent jurisdiction.
8. **Entire Agreement; Amendment; Waiver.** This MOU constitutes the entire agreement between the Parties pertaining to the subject matter contained in it and supersedes all prior and contemporaneous agreements, representations and understandings of the Parties. No supplement, modification, or amendment of this MOU will be binding unless executed in writing by both Parties. No waiver of any of the provisions of this MOU will be effective unless in writing; no waiver will constitute a waiver of any other provision; and no waiver of a breach of any provision of this MOU will operate to waive any subsequent breach.
9. **Counterparts.** This MOU may be executed in one or more counterparts, each of which will be deemed an original, but all of which together will constitute one and the same instrument.
10. **Parties in Interest.** Nothing in this MOU, whether express or implied, is intended to confer any rights or remedies under or by reason of this MOU on any persons other than the parties to it and their respective successors and assigns, nor is anything in this MOU intended to relieve or discharge the obligation or liability of any third persons to any party to this MOU, nor will any provision give any third persons any right of subrogation or action against any party to this MOU.

11. **Successors and Assigns.** This MOU is transferable by mutual agreement of the Parties and will be binding on, and will inure to the benefit of, the Parties and their respective successors and assigns.
12. **Further Assurances.** Each Party shall, from time to time, execute and deliver such additional documents and instruments and take such additional actions as may be necessary to carry out the transactions contemplated by this MOU.
13. **Notices.** Notice” means a writing containing the information required or permitted by this Agreement to be communicated by one Party to the other Party. All notices will be in writing and sent by certified mail, overnight mail, responsible courier, or transmitted by facsimile (if confirmed by mail), to the address below or such other address as either party may indicate by at least ten (10) days prior written notice to the other party:

If to Indus Biotech: Indus Biotech Private Limited  
Attention: Mr. Sunil Bhaskaran, Managing Director  
Telephone: +91-20-26852139/26851239  
Facsimile:  
E-mail: sunil@indusbiotech.com  
Address: 1, Rahul Residency, Plot Nos. 6 & 7, Off Salunke Vihar Road,  
Kondhwa, Pune – 411048, Maharashtra India

If to AISSMS College of Pharmacy, Pune  
Attention: Prof. Ashwini Madgulkar  
Telephone: 9823350059  
Facsimile:  
E-mail : armadgulkar@gmail.com  
Address: Near RTO, Kennedy Road, Sangamvadi, Pune, Maharashtra 411001

14. **Severability.** If any provision of this MOU is held invalid or unenforceable by any court of final jurisdiction, it is the intent of the Parties that all other provisions of this MOU be construed to remain fully valid, enforceable, and binding on the Parties.

IN WITNESS WHEREOF, the Parties hereto have executed this MOU as of date first written above.

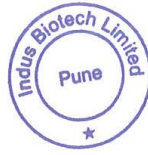
WITNESS:

By: 

Name: Rucha Khaire, Company  
Secretary & Compliance  
Officer

WITNESS:

By:   
Name: Dr. R. R. Padalka

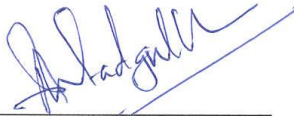


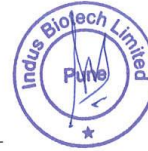
Indus Biotech Limited

By:   
Name: Mr. Sunil Ramdasi

Title: Consultant- Formulation

AISSMS

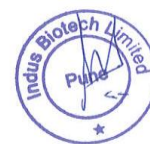
By:   
Name: Dr. Ashwini R. Madgulkar  
Title: Principal



## Annexure A

### Project Description -Scope of Services

- a. The Company shall offer projects for M. Pharm students. The concept, Material, Supplies and guidance shall be provided by the Company to AISSMS.
- b. The Company shall offer projects to the Teaching Faculty for feasibility of commercial markets. The Projects offered will be based on Synthesis, Novel formulations, Analytical method development.
- c. The Company shall be given permission to use the pilot plant facilities including stability chamber for company developed products.
- d. The Company shall install new equipment's at AISSMS for undertaking projects and for training purpose of M. Pharm students of AISSMS
- e. Any other services as mutually agreed in writing between both parties.



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**List and Copies of documents indicating the functional MoUs/linkage/collaborations  
activity-wise and year-wise  
2021-22  
INDEX**

Sr.No	Name of the collaborating institute	Start date	End date	List of activities	Nature of collaboration	View Document
1	Shardabai Pawar Institute of Pharmaceutical science and Research, Baramati , Pune .	20/07/2021	20/07/2022	Comparison of Chemometric assisted UV-Spectrophotometry and RP-HPLC method for the simultaneous determination of Ofloxacin and Tinidazole in their combined dosage form.	Collaborative research	<a href="#">View Document</a>
2	Thiner Technologies India Private Limited, Pune	21/02/2022	20/02/2023	Evaluation of 3D printed formulations	Collaborative research	<a href="#">View Document</a>
3	Shaileya Rasashala, Pendse nagar, Dombivali, Mumbai	09/03/2022	08/03/2023	Pre-Clinical Pharmacology studies	Collaborative research	<a href="#">View Document</a>
4	Reshmona Pharmaceuticals Office no.5, 3 <sup>rd</sup> floor, Vankateshwar a house near sharda center, Erandwane, Pune 411004, Pune, Maharashtra	1/9/2021`	31/8/2022	Development of Ayurvedic herbal skin care product	Collaborative research	<a href="#">View Document</a>





✓ 2021-22

# AISSMS



## APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

20/07/2021

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding (B Pharm/ M Pharm/PhD/Other) Work as per details mentioned below

Name and department of Staff: Dr. Santosh V. Gandhi, Dept. of Pharmaceutical Chemistry.

Name and department of collaborator: Dr. Atul Baravkar, Associate Professor, Shardabai Pawar Institute of Pharmaceutical Sciences and Research, Baramati, Pune, Maharashtra, 413115, India

Type of collaboration (**guidance/experimental/testing**): Comparison of Chemometric assisted UV Spectrophotometric and RP-HPLC Method for the simultaneous determination of Ofloxacin and Tinidazole in their Combined dosage form

Charges if any: NIL

Abstract of work: (150 words)

Present work aims at developing chemometric-assisted UV spectrophotometric methods as well as RP-HPLC method for the simultaneous estimation of drugs in their combined pharmaceutical dosage form. The chemometric methods will be applied to quantify each drug in mixture using UV absorption spectra. Chemometric model development will be done using 24 binary mixture solutions and 12 solutions were used for validation of model. The chemometric-assisted analysis does not require any prior separation step. In addition, RP-HPLC method will be also developed for comparison.

  
Dr. Santosh Gandhi,  
Professor

Dr. Atul Baravkar  
Collaborator



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**APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)**

To,  
The Principal  
AISSMS College of Pharmacy,  
Pune-411001

21st FEB 2022

Subject: Proposal for collaborative/interdisciplinary research.

Respected Madam,

We propose to carry out research collaboration regarding (B Pharm/M Pharm/PhD/Other) work as per details mentioned below.

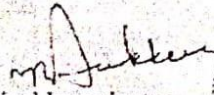
Name and department of PI & student: Dr. Mangesh Bhalekar

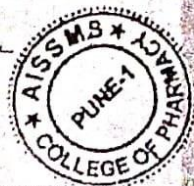
Name and department of collaborator: Dr. Shital Zambad, Thiner Technologies India Private Limited, Pune

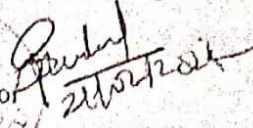
Type of collaboration (guidance/experimental/testing): Experimental

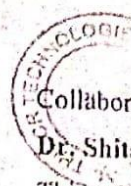
Charges if any: None

Abstract of work: We devotedly worked on various new innovative products such as 3D-Printers, Automatic Dispenser, Automatic Elevated plus Maze system. Our core objective of working on our 3D-Thiner project is to develop 3D printers for pharmaceutical applications and to develop new 3D printed pharmaceutical formulations. We are always in need to evaluate the 3D printed formulations (Dissolution, disintegration studies etc), for the same we need the expertise from academics.

  
Principal Investigator  
Dr Mangesh Bhalekar  
AISSMS College of Pharmacy



  
Collaborator  
Dr. Shitalkumar Zambad  
Thiner Technologies India (Pvt) Ltd





**AISSMS**

COLLEGE OF PHARMACY

IMPARTING EXCELLENCE IN EDUCATION & RESEARCH

Approved by AICTE & PCI New Delhi, Recognized by the Government of Maharashtra,  
2F.12B recognition by UGC, Affiliated to Savitribai Phule Pune University  
Accredited by NAAC with A Grade



**APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)**

To,  
The Principal  
AISSMS College of Pharmacy,  
Pune-411001

09.03.2022

Subject: Proposal for collaborative/interdisciplinary research.

Respected Madam,

We propose to carry out research collaboration regarding (B Pharm/M Pharm/PhD/Other) work as per details mentioned below.

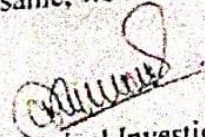
Name and department of PI & student: Dr. Manoj K. Aswar

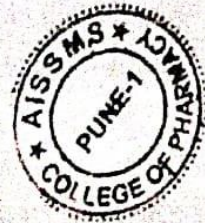
Name and department of collaborator: Dr. Chinmay Phondekar, Shaileya Rasashala, Pendse  
Nagar, Dombivali (E), Mumbai-421201

Type of collaboration (guidance/experimental/testing): Experimental/Guidance


Charges if any: None

**Abstract of work:** Shaileya Rasashala is running the formulation and manufacturing of various Ayurvedic formulations for various human diseases. We are always in need to perform the pre-clinical studies for our new formulations to study the safety and efficacy parameters. For the same, we need the expertise in pre-clinical pharmacology from your Institutions.

  
Principal Investigator  
Dr Manoj Aswar  
AISSMS College of Pharmacy  
Pune



**For Shaileya Rasashala (OPC) Pvt. Ltd.**

Collaborator   
Director  
Dr. Chinmay Phondekar  
Shaileya Rasashala, Pendse  
Nagar, Dombivali (E), Mumbai

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**APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)**

To,  
The Principal  
AISSMS College of Pharmacy, Pune

1/9/2021

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other)

Work as per details mentioned below

**Name and department of PI & student:** Dr Reshma Mirajkar

**Name and department of collaborator:** Reshmona Pharmaceuticals, Office no 5 ,3rd Floor,  
Venkateshwara house near Sharda centre Erandwane, Pune 411004

**Type of collaboration (guidance/experimental/testing):** Experimental and guidance on  
Ayurvedic /Herbal Formulations

**Charges if any:** None

**Abstract of work:** (150 words)

Reshmona Pharmaceuticals is involved in development of variety ayurvedic /Herbal skin care products and wish to collaborate with AISSMS College of Pharmacy for Experimental and guidance with regards to same.

PI


Dr Reshma Mirajkar

AISSMS College of Pharmacy, Pune

Collaborator

Ms Mona Pandit

Reshmona Pharmaceuticals

  
**Principal**  
AISSMS College of Pharmacy  
Pune-1



**List and Copies of documents indicating the functional MoUs/linkage/collaborations  
activity-wise and year-wise  
2020-21  
INDEX**

Name of the collaborating agency / institution / industry / corporate house with whom the MoU / collaboration /linkage is made, with contact details	Start date	End date	List of activities and exchange (Outcome)	View Document
Goa college of pharmacy, Goa.	05/01/2021	05/01/2022	Spectrophotometric determination of carbimazole and its major impurity, degradation product and metabolite: Methimazole	<a href="#">View Document</a>
Shardabai Pawar Institute of Pharmaceutical Science and Research , Baramati , Pune .	07/06/2021	07/06/2022	2D, 3D QSAR and molecular docking studies of pyrazolyl –triazolinone derivatives as EGFR inhibitors .	<a href="#">View Document</a>
Datri Stem cell Registry,Pune	25/09/2020	24/09/2025	Stemcell Donation awareness and Donors creation	<a href="#">View Document</a>

Paper 2020-21



# AISSMS



## APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

05/01/2021

To,  
The Principal  
AISSMS College of Pharmacy, Pune

(4)

Subject: Proposal for interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding (B Pharm/ M Pharm/ PhD/Other) Work as per details mentioned below

Name and department of Staff: Dr. Santosh V. Gandhi, Dept. of Pharmaceutical Chemistry.

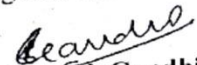
Name and department of collaborator: Dr. Anand A. Mahajan, Associate Professor, Goa College of Pharmacy, Goa

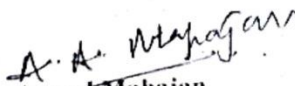
Type of collaboration (**guidance/experimental/testing**): Spectrophotometric determination of carbimazole and its major impurity, degradation product and metabolite: Methimazole

Charges if any: NIL

Abstract of work: (150 words)

The research work aims to develop simple, accurate and precise UV spectrophotometric methods having comparable sensitivity as that of sophisticated chromatographic techniques. Two methods will be developed namely first derivative spectrophotometry and ratio spectra derivative spectrophotometry for accurate determination of specified impurity methimazole (imp A) in presence of drug carbimazole. First derivative spectrophotometric method involves recording of zero order spectra of both the drugs carbimazole and methimazole and its mixture in the range of 200 – 400 nm and subsequent conversion of these spectra into first derivative spectra. In the second approach, ratio spectra were recorded for carbimazole and methimazole by selecting appropriate divisor concentration and converted into first derivative spectra. Both the methods will be validated as per ICH guidelines. Developed methods can be used as alternative to sophisticated chromatographic technique for determination of assay and related impurity in bulk drug and formulation.

  
Dr. Santosh Gandhi,  
Professor

  
Dr. Anand Mahajan  
Collaborator

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APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

To,  
The Principal  
AISSMS College of Pharmacy, Pune

07/06/2021

Subject: Proposal for interdisciplinary research.

6

Respected madam

We propose to carry out research collaboration regarding (B Pharm/ M Pharm/PhD/Other) Work as per details mentioned below

Name and department of Staff: Dr. Santosh V. Gandhi, Dept. of Pharmaceutical Chemistry.

Name and department of collaborator: Dr. Atul Baravkar, Associate Professor, Shardabai Pawar Institute of Pharmaceutical Sciences and Research, Baramati, Pune, Maharashtra, 413115, India

Type of collaboration (**guidance**/experimental/testing): 2D, 3D QSAR and Molecular Docking Studies of Pyrazolyl-Thiazolinone Derivatives as EGFR Inhibitors

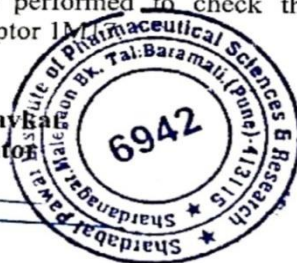
Charges if any: NIL

Abstract of work: (150 words)

Epidermal growth factor (EGF) has been found to be expressed and altered in a variety of malignancies and it plays a significant role in tumor development and progression, including cell proliferation, regulation of apoptotic cell death, angiogenesis and metastatic spread. A series of para-substituted pyrazolyl-thiazolinone derivatives chosen for molecular modelling studies to establish quantitative relationship between structure and biological activities of the compounds using software MDS version 4.2 (VlifeScience). Based on these studies new molecules will be designed. Molecular docking study will be performed to check the receptor and ligand interaction or binding affinity by using the receptor 1M...

  
Dr. Santosh Gandhi,  
Professor

Dr. Atul Baravkar  
Collaborator



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APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

07/06/2021

To,  
The Principal  
AISSMS College of Pharmacy, Pune

6

Subject: Proposal for interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding (B Pharm/ M Pharm/PhD/Other) Work as per details mentioned below

Name and department of Staff: Dr. Santosh V. Gandhi, Dept. of Pharmaceutical Chemistry.

Name and department of collaborator: Dr. Atul Baravkar, Associate Professor, Shardabai Pawar Institute of Pharmaceutical Sciences and Research, Baramati, Pune, Maharashtra, 413115, India

Type of collaboration (**guidance/experimental/testing**): 2D, 3D QSAR and Molecular Docking Studies of Pyrazolyl-Thiazolinone Derivatives as EGFR Inhibitors

Charges if any: NIL

Abstract of work: (150 words)

Epidermal growth factor (EGF) has been found to be expressed and altered in a variety of malignancies and it plays a significant role in tumor development and progression, including cell proliferation, regulation of apoptotic cell death, angiogenesis and metastatic spread. A series of para-substituted pyrazolyl-thiazolinone derivatives chosen for molecular modelling studies to establish quantitative relationship between structure and biological activities of the compounds using software MDS version 4.2 (VlifeScience). Based on these studies new molecules will be designed. Molecular docking study will be performed to check the receptor and ligand interaction or binding affinity by using the receptor 1L77.

*Santosh*  
Dr. Santosh Gandhi,  
Professor

Dr. Atul Baravkar  
Collaborator



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## MEMORANDUM OF UNDERSTANDING

This Memorandum of Undertaking ("MoU") is made on this 25 day of Sept 2020 ("Effective Date") between DATRI Blood Stem Cell Donors Registry (hereinafter referred to as "DATRI" or "First Party"), a non-profit NGO limited by guarantee, having its registered office at Module No: 1207 & 1208, 12<sup>th</sup> Floor, TICEL Bio Park Ltd. – Phase II, CSIR Road, Taramani, Chennai – 600113, Tamil Nadu, India which expression shall include its affiliates, and <Name of University/ College>, (hereinafter referred to as "....." or "Second Party") having its registered premises at AISSMS Co. PHARMACY which expression shall include its affiliates if any. PUNE

DATRI and Second Party shall hereinafter be referred to individually as "Party" and collectively as "Parties".

### WHEREAS

- A. DATRI is an NGO, not-for-profit registry for volunteer blood stem cell donors, engaged in creating awareness on blood stem cell donation, organizing donor registration drives and facilitating blood stem-cell donation amongst donors and patients associated with DATRI
- B. Second Party is an educational institution with its own campus and student, faculty, staff population and functions as per guidelines and lawful regulations applicable to it and as set by Govt. of India
- C. "Event" – Such work that involves the on location and online activity for organizing donor registration drives for the purpose of registering volunteer donors with DATRI ("Services") in the premises of Second Party that is carried out at specified time frames and as per the guidelines set by DATRI and Second Party
- D. This MoU formalizes a carefully considered, good faith expression between DATRI and Second Party to set forth the terms and conditions of the cooperation between the Parties for organizing and conducting the Event at the premises of Second Party

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSETH AS UNDER

### 1. Purpose

- 1.1. Associating with DATRI will help public visibility (both online and offline) for the cause and at the same time promote the social engagement of the institution and their students. It will serve as a learning opportunity for the students in the social responsibility and awareness sector, and will also be a possible avenue for all students to explore their learning in association with a social cause,
- 1.2. The Parties as per the terms and conditions of this MoU agree and acknowledge to enter into this MoU for the purpose of management and execution of the Event.
- 1.3. The Parties agree and acknowledge that during or after the termination of this MoU, both the Parties are free to conduct their business without any limitation or constraints. The execution of this MoU does not hinder or exempts any Party to conduct business in its individual capacity.

### 2. Details of Understanding

- 2.1. **Responsibilities of DATRI/ First Party**

- 2.1.1. As a part of the Event, DATRI shall organize and conduct Donor awareness and registration drives in the premises of Second Party and shall provide all supporting materials towards the same including but not limited to flyers, standees, posters, registration related forms, presentations and similar materials
- 2.1.2. DATRI will provide guidance and support for any Volunteers from Second Party to carry out the Event in an effective manner;
- 2.1.3. DATRI shall associate with the NSS chapter and similar student/ staff bodies of Second Party for arranging the Event with mutual consent of both Parties
- 2.1.4. DATRI shall not be paying any compensation in cash or kind to Second Party for the purpose of the Event
- 2.1.5. DATRI can use the Event particulars including Second Party, photos, quotes and related information in collaterals that includes but not limited to flyers, brochures, calendars, and digital media both in print and electronic forms, press coverage and media interaction;
- 2.1.6. DATRI can use Event particulars in social media sharing, including but not limited to Facebook, Twitter, Instagram, LinkedIn and other prospective forums of social media;
- 2.1.7. DATRI is required to ensure that the good name of Second Party does not suffer any harm or abuse during the Event or at any point of time during the association period
- 2.1.8. DATRI will obtain all relevant signed consents from the volunteers and volunteer donors who register with DATRI as is its regular practice and as deemed necessary for the successful execution and completion of the Event. as laid out by its internal protocols

## 2.2. Responsibilities of Second Party

- 2.2.1. Second Party will facilitate in arranging the venue/ premises for the purpose of the Event, and extend such infrastructural and personnel support including but not limited to access to the auditorium, audio visual systems, seating arrangements and similar requirements, as is within its ability and capacity
- 2.2.2. All materials used developed towards/ issued by DATRI for the Event will be the sole property of DATRI and shall be returned to DATRI after the completion of the Event. This applies to both print and digital copies;
- 2.2.3. Second Party is required to ensure that the tradename of DATRI does not suffer any harm or abuse during the Event or at any point of time where the Event is used as a reference point.
- 2.2.4. Second Party would be required to ensure that it does not disclose any Confidential Information of DATRI including but not limited to its processes, associates, donors, patients, doctors, employees, volunteers, vendors and other similar data to any third parties, with or without any intent to cause such disclosure;
- 2.2.5. Second Party will share with DATRI any/ all collaterals and similar materials if any, that it will be using towards the Event before the same is used and any such sharing will be done after written confirmation from DATRI. Any concern DATRI has with respect to the content or form of sharing will be considered by Second Party and clearance shall be obtained before sharing it in public/ private domains mentioned herein;

2.2.6. Any data collected by volunteers from Second Party towards/ as part of the Event will be shared with DATRI on a timely basis as stipulated by the individual needs of each separate Event;

### 3. Confidentiality

- 3.1 "Confidential Information" means data, information and materials disclosed by either Party to the other Party, whether in a tangible or intangible form, in any media and by any method of communication, including but not limited to written or printed documents, oral statements, written, oral or electronic form and any digital media. Notwithstanding the generality of the foregoing, any information related to the donors or patients including any sensitive personal information shall be construed as Confidential Information.
- 3.2 During the term of this MoU and thereafter, each Party will use and reproduce the other Party's Confidential Information only for the purpose of this MoU and only to the extent necessary for such purpose and will restrict disclosure of the other Party's Confidential Information to any third party, unless otherwise required for the purpose of this MoU.
- 3.3 Each Party shall treat as confidential the other Party's Confidential Information and will use all reasonable care not to disclose but to protect such information and keep it secure from theft, loss, misuse and inadvertent disclosure.
- 3.4 Obligation to keep information confidential is perpetual in nature.

### 4 Term and Termination

The term of this MoU shall be ongoing from the Effective Date of this MoU ("Term") unless otherwise revoked or terminated by either Party. During the Term any of the Party can wish to withdraw from the MOU with 30 days prior written notice acknowledged by both Parties mutually.

### 5 Exclusivity

The Second Party is precluded from having similar arrangements with any other person or third party for similar Purposes as defined in this MOU.

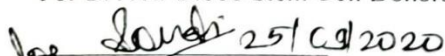
### 6 Regulatory compliance

Both Parties assert that they operate in compliance of all applicable state Acts and national Acts/ laws, rules, regulations and orders as laid out by the Governing Law of India.

### 7 Governing Law and Jurisdiction

This MoU shall be governed by and construed in accordance with, the laws of India and subject to the competent courts at Chennai, State of Tamil Nadu, India

IN WITNESS WHEREOF the Parties have duly executed this MoU as of the Effective Date  
For DATRI Blood Stem Cell Donors Registry For <Name of University College>

  
Sethukarasi S  
Head- Operations  
Date: 25/09/2020  
Contact number: 044 - 40795300  
Email: info@datri.org

  
<Name of Authorised Signatory>  
<Designation> Principal  
Date: AISSMS College of Pharmacy  
Contact Number: Pune-1  
Email:



**List and Copies of documents indicating the functional MoUs/linkage/collaborations  
activity-wise and year-wise  
2019-20  
INDEX**

Sr.No	Name of the collaborating institute	Start date	End date	List of activities	Nature of collaboration	View Document
1	Savitribai Phule Pune University, Pune .	31/07/2019	31/7/2020	Determination of cell viability using MTT assay	Collaborative research	<a href="#">View Document</a>
2	Geniobrain IP Solutions, Pune, Maharashtra	3/10/2019	2/10/2024	Training of students for IPR ipr	IPR related activity	<a href="#">View Document</a>
3	Department Of Chemical Technology, Dr. Babadaheb Ambedkar Marathwada University, Aurangabad Maharashtra	10/07/2019	In-Progress	Synthesis of Anti Cancer agent	Collaborative research	<a href="#">View Document</a>
4	Department Of Chemical Technology, Dr. Babadaheb Ambedkar Marathwada University, Aurangabad Maharashtra	30/05/2019	In-Progress	Design and development of potential anticancer agent using molecular modeling studies	Collaborative research	<a href="#">View Document</a>
5	Ms. Diya Labs, Apple Plus Chemist S-5 Balaji Shreeji Apartment , Plot No 13A Koparkhairane, Navi Mumbai 400709	18/12/2019	17/12/2020	DSC analysis and guidance	Collaborative research	<a href="#">View Document</a>
6	Bioscience Research Pvt.Ltd., Pune Maharashtra	18/12/2019	17/12/2020	DSC testing and guidance	Facility Sharing	<a href="#">View Document</a>



सत्याला मरण नाही

ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S  
**COLLEGE OF PHARMACY**

(Approved by AICTE & PCI, New Delhi, Recognized by Govt. of Maharashtra  
and Affiliated to Savitribai Phule Pune University)

Kennedy Road, Near R.T.O., Pune - 411 001.

www.aissmscop.com Email: contact@aissmscop.com

College ID No.: PU/PN/Pharm/117/(1996)

26058208  
26058204

Ref. No.: COP/PN/2019-20/58-1

Date: 31/07/2019

APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for interdisciplinary research.

Respected madam,

We propose to carry out research collaboration regarding (PhD) Work as per details mentioned below

Name and department of PI & student: Dr. Ashwini Madgulkar and Ms. Tejinder Kaur

Name and department of collaborator:

Biotechnology Department, Savitribai Phule Pune University, Pune.

Type of collaboration (testing): Determination of cell viability using MTT assay.

Charges if any:

Abstract of work: (150 words)

This study was performed to design a mucoadhesive drug delivery system using a novel thiolated chitosan. Chitosan is a hydrophilic polymer with eminent mucoadhesive properties. The thiolated chitosan was synthesized using EDAC. The synthesized polymer was in turn evaluated for zeta potential, FTIR, DSC, molecular weight that confirmed conjugation of chitosan with the thiol ligand. The prepared thiomers were further subjected to mucoadhesion studies and displayed better mucoadhesive properties as compared to unmodified chitosan. Therefore there's a need to determine cell viability for the thiolated chitosan to validate its *in vivo* safety and further use as mucoadhesive drug delivery vehicle.

Dr. Ashwini Madgulkar

Principal  
(Principal)  
AISSMS College of Pharmacy  
Pune-1  
File: RAC interdisciplinary (1)

Dr. Rajesh N. Gachhel

Professor & Head  
Department of Biotechnology  
Savitribai Phule Pune University  
Pune - 411 007.


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**MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**AISSMS College of Pharmacy,**

**AND**

**GenioBrain™**  
IP solutions 

**GenioBrain IP Solutions**

**For**

**Skill and Entrepreneurship Development, Training and Education in IPRs,  
accelerating R&D and innovations**

Page 1 of 6



**MEMORANDUM OF UNDERSTANDING (MoU)**

This MoU is made and executed at Pune on this date of    day of    2019  
**BETWEEN**

**AISSMS College of Pharmacy, (AISSMSCOP)**

**Address: Near RTO, Kennedy Road, Sangamvadi, Pune, Maharashtra  
411001, India Pune**

(Hereinafter referred to as "**First Party**" the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors-in-office, administrators and assigns).

**AND**

**GenioBrain IP Solutions**

**Address: Shop No. 01, S K. Traders Building, Bhekrainagar, Pune 412308**

(Hereinafter referred to as "**Second Party**" the company which expression, unless excluded by or repugnant to the subject or context shall include its successors-in-office, administrators and assigns).

(First party and second party are hereinafter jointly referred to as 'Parties' and individually as 'Party').

**WHEREAS:**

A) First Party is a Higher Educational Institution named:

AISSMS College of Pharmacy, Pune

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

Page 2 of 6



c) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill and Entrepreneurship Development, Accelerate Research and Innovation, Training and Education in IPRs and other purposes mutually agreed upon.

D) Both Parties desire to sign this MOU for advancing their mutual interests.

**NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:**

**CLAUSE 1**

**CO-OPERATION**

- 1.1 Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
- 1.2 Co-operation from first party: First Party providing access to facilities for developing suitable teaching / training systems.
- 1.3 The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

**CLAUSE 2**

**SCOPE OF THE MoU**

Page 3 of 6





- 1.4 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 1.5 The Second party provides skill up-gradation through offering of Training courses – Certificate Course “Intellectual Property Rights and Patent Law”.
- 1.6 Skill Development Programs: Second Party to train the student of First Party on the emerging Technologies, research and development, IPRs (Intellectual Property Rights) in order to bridge the skill gap and make them industry ready.

**CLAUSE 3  
CONFIDENTIALITY**

- 1.7 The Parties agree and acknowledge that any unpublicized knowledge known through the signing and implementation of this MOU, and the information exchanged pursuant to this MOU is confidential information, which shall not be disclosed to any third parties or used for other purpose that is irrelevant to this MOU without the prior written consent of the other party; any party who breaches the confidentiality obligations shall bear the corresponding legal responsibility.
- 1.8 The obligation of confidentiality shall survive until 3 years after the date of disclosure. Termination of this MOU shall not relieve either party of any obligation with respect to confidential information disclosed under this MOU prior to such termination.

**CLAUSE 4  
SIGNING & EFFECTIVENESS OF MOU**

- 1.9 This Memorandum of Understanding will come into effect on the day

Page 4 of 6



signed by both Parties It will continue for a period of (60 months); thereafter this Memorandum of Understanding may be extended for a further period by agreement between both Parties.

1.10 Either Party may at any time terminate this Memorandum of Understanding by giving the other Party a written notice at least 3 months in advance. In the event of the expiration or termination of this Memorandum of Understanding, obligations and commitments already agreed upon shall be honored and continued by the Parties until full completion.

1.11 This Memorandum of Understanding may be amended and supplemented at any time as decided and agreed by both Parties

#### **CLAUSE 5**

#### **JURISDICTION**

1.12 Each Party hereby irrevocably submits to the exclusive jurisdiction of the courts of the Pune, state of Maharashtra, India.

#### **CLAUSE 6**

#### **NON CIRCUMVENTION**

1.13 The parties agree not to contact persons or entities introduced by the other parties hereto without prior consent of the party who made the introduction Receiving Party hereby agrees that it shall not enter into any medical, clinical trial, therapeutic, scientific, research activities, interaction and/or business affiliation, alone or with any entity (including such entity's affiliates and related entities) introduced by Disclosing party without providing compensation to Disclosing party or vice versa to Receiving party in an amount to be mutually agreed upon.

1.14 The spirit of mutual trust and confidence shall be the underlying principle of this undertaking and the parties agree to adhere thereto.

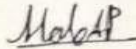
Page 5 of 6



This Agreement is valid and binding on the successors-in-title and permitted assigns of the respective Parties.

IN WITNESS WHEREOF this Agreement has been executed by the duly authorized representative of each Party on the day and year first above written.

For GenioBrain IP Solutions



GENIOBRAIN IP SOLUTION

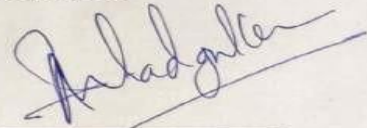
Asha Hole  
Founder and CEO  
GenioBrain IP Solutions,  
Pune,  
Maharashtra, India

*Asha H.*  
PROPRIETOR  
31/10/19

Witness:

Witness 1:

For AISSMSCOP



Dr. Ashwini R. Madgulkar  
Principal  
AISSMS College of Pharmacy,  
Pune,  
Maharashtra, India

**Principal**  
AISSMS College of Pharmacy  
Pune-1

Witness 2:

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**APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)**

To,  
The Principal  
AISSMS College of Pharmacy, Pune

10.07.2019

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( M Pharm,) Work as per details mentioned below

**Name and department of PI & student:** Dr. Shashikant V Bhandari, Professor AISSMS College of Pharmacy, near RTO, Kennedy Road, Pune 411001.

**Name and department of collaborator:** DR. ANIKET P. SARKATE, Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University Aurangabad, 414004, Maharashtra, India; Mobile: +91-9421675432; Email: aniketpharma1@gmail.com

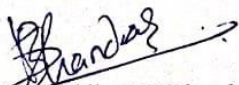
**Type of collaboration (guidance/experimental/testing):** Research Work


**Charges if any:** None

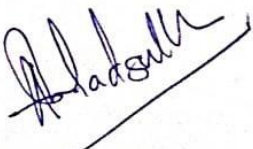
**Abstract of work:** (150 words)

Substituted 3,5-Diaryl Pyrazole compounds as anticancer agents. The present invention relates to substituted 3,5-diaryl pyrazole compounds as anticancer agents. Pharmaceutically acceptable salts, wherein substitutes are described herein , for their use in medicine for the treatment of of cancer disease more particularly as EGFR tyrosine kinase inhibitors. The invention also related to pharmaceutical composition containing such compounds for treating tuberculosis.

Sign

  
Dr. Shashikant V Bhandari  
Principal Investigator

  
Dr. Aniket P. Sarkate  
Collaborator

  
Dr. Ashwini R. Madgulkar  
**Principal**  
AISSMS College of Pharmacy  
Pune-411001



**APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)**

30.05.2019

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( M Pharm,) Work as per details mentioned below

**Name and department of PI & student:** Dr. Shashikant V Bhandari, Professor AISSMS College of Pharmacy, near RTO, Kennedy Road, Pune 411001.

**Name and department of collaborator:** DR. ANIKET P. SARKATE, Department of Chemical Technology, Dr. Babasaheb Ambedkar Marathwada University Aurangabad, 414004, Maharashtra, India; Mobile: +91-9421675432; Email: aniketpharma1@gmail.com


**Type of collaboration (guidance/experimental/testing):** Research Work


**Charges if any:** None


**Abstract of work:** (150 words)

Title- Design and development of potential anticancer agents using molecular modeling studies.

The present invention related to substituted N-Phenyl,2,2 Dichloroacetamide compounds as anticancer agents, pharmaceutically acceptable salts, wherein substitutes are described herein for use in medicines for the treatment of cancer diseases. The invention also related to pharmaceutical composition containing such compounds.

Sign   
Dr. Shashikant V Bhandari  
Principal Investigator

  
Dr. Aniket P. Sarkate  
Collaborator

  
Dr. Ashwini R. Madgulkar

**Principal**  
AISSMS College of Pharmacy  
Pune-411001



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**APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)**

To,  
The Principal  
AISSMS College of Pharmacy, Pune

11 DEC 2019

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding (B Pharm/ M Pharm. / PhD/Other)  
Work as per details mentioned below

Name and department of PI & student: Dr Mangesh Bhalekar

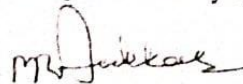
Name and department of collaborator: Ms Diya Labs, c/o Apple Plus Chemist, S-5 Balaji  
Shreeji Apartment, Plot No 13A Sector 11, Koparkhairane, Navi Mumbai -400709

Type of collaboration (guidance/experimental/testing): Testing and guidance on DSC

Charges if any: As applicable

Abstract of work: (150 words)

Diya Labs is involved in variety of contract research work and wish to collaborate with AISSMS  
College of Pharmacy for DSC analysis and guidance with regards to same.





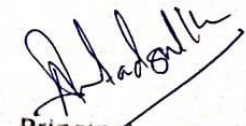

PI

Dr Mangesh Bhalekar

AISSMS College of Pharmacy, Pune

Sign

  
Collaborator  
Mr Dipesh Mehta  
Ms Diya Lab, Mumbai  


  
Principal  
AISSMS College of Pharmacy  
Pune-411001  


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**List and Copies of documents indicating the functional MoUs/linkage/collaborations  
activity-wise and year-wise  
2018-19  
INDEX**

Sr.No	Name of the collaborating institute	Start date	End date	List of activities	Nature of collaboration	View Document
1	College of Engineering , Pune	06/06/2018	07/06/2019	Determination of bitterness using electronic tongue.	Collaborative research	<a href="#">View Document</a>
2	Indus Biotech Pvt Ltd	17/07/2018	Perpetual	Formulation development activities	Collaborative research	<a href="#">View Document</a>
3	Geniobrain IP Solutions, Pune, Maharashtra	1/8/2018	31/7/2019	Patent Application Support	Guidance Collaboration	<a href="#">View Document</a>
4	Department of Pharmacognosy, Yadavrao Tasgoankar College of Pharmacy, Bhivpuri, Karjat,	27/09/2018	26/09/2019	Pharmacological evaluation of medicinal plant extract	Collaborative research	<a href="#">View Document</a>

Paper

2018-2019

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AISSMS College of Pharmacy,  
Kennedy Road, Pune 411001

**APPLICATION FOR INTERDISCIPLINARY RESEARCH (IRP)**

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject : Proposal for interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other) Work as per details mentioned below

Name and department of PI & student : Dr. Ashwini Madgulkar and Aishwarya Vaidya

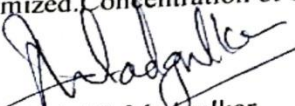
Name and department of collaborator: Dr. Rohini Mundhawadkar, Pauroosh Kaushal, Instrumentation Department, College of Engineering, Pune.

Type of collaboration (guidance/experimental/testing): Determination of bitterness using electronic tongue.

Charges if any: 1500/-

Abstract of work: (150 words)

This study was performed to design a taste masked, film coated, immediate release, chloroquine phosphate tablets. Chloroquine is generally available, having low cost, well tolerated and orally well absorbed, and it is having a bitter taste. Film coating of tablets was performed on laboratory scale on conventional pan coating apparatus using Rand D coater. The process parameters for final film quality were evaluated by using trial and error method. Coated tablets were evaluated for coating process efficiency, weight gain studies and disintegration time, spray rate with regarding to pan speed both affect the characteristic of coated tablets. Coating was done by using polymer Eudragit (EPO) as a taste masking agent, which influenced the release characteristic of chloroquine phosphate tablets. Solid content percentage in coating formulation affects the surface of coated tablets. Film coating process parameters, which was reasonable to conventional pan coating process can be identified, and, accordingly optimized. Concentration of bitterness of tablets detected by using electronic tongue.

  
Dr. Ashwini R. Madgulkar,  
**Principal**  
AISSMS College of Pharmacy  
Pune-1

  
Dr. Rohini Mundhawadkar,  
**Associate Professor**  
Department of Instrumentation & Control  
College of Engineering, Pune

Pauroosh Kaushal  
Collaborator

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1. INTERPRETATIONS AND DEFINITIONS

In this confidential agreement, the words and phrases below shall have the following meanings:

- 1.1 "Agreement" means this confidentiality agreement together with any amendments as may be agreed by the Parties and attached to it from time to time;
- 1.2 "Affiliate" shall mean any corporation, company, partnership, joint venture and/or firm which (a) controls, is controlled by or is under common control with a party, and (b) agrees in writing to be bound by the terms of this Agreement. For purposes of this definition, "control" means (i) in the case of corporate entities, direct or indirect ownership of at least fifty percent (50%) of the stock or shares entitled to vote for the election of directors, and (ii) in the case of non-corporate entities, direct or indirect ownership of at least fifty percent (50%) of the equity interest with the power to direct the management and policies of such non-corporate entities.
- 1.3 "Confidential Information" shall mean include (without limitation) any and all information pertaining to the Purpose disclosed, furnished, communicated or supplied by the Disclosing Party either directly or indirectly, in writing or orally or by inspection of tangible objects (including without limitation documents, prototypes or samples), to the Receiving Party, including to the Receiving Party's owners, directors, employees or its expressly authorized representatives or agents (collectively referred to as "Representatives"), whether such information is reduced to writing and marked "confidential" or not.
- "Confidential Information" shall also be deemed to include (without limitation) technical and business information relating to Disclosing Party's proprietary ideas, patentable ideas, copyrights and/or trade secrets, existing and/or contemplated products and services, discoveries, ideas, concepts, designs, drawings, specifications, formulations, techniques, models, prototypes, data, object code, documentation, manuals, diagrams, flow charts, schematics, research, process, procedures, functions, marketing techniques, marketing and development plans, business strategy, business plans, profit and margin information, current or future business plans and models, customer names and other information related to pricing policies and financial information; and any similar information disclosed to the Receiving Party prior to the execution of this agreement, regardless of whether such information is designated as "confidential".
- "Confidential Information" shall not cease to be so by reason of the information being known to other persons by reason of their being participants to the Purpose or shall not cease to be so by reason of the fact that at the time the information was handed over to the Receiving Party it was not marked confidential.
- 1.4 "Disclosing Party" means a party that discloses Confidential Information under this Agreement.
- 1.5 "Receiving Party" means a party that receives Confidential Information under this Agreement.

  
**Principal**  
AISSMS College of Pharmacy  
Pune-1

  
Page 2 of 7

2. OBLIGATION OF CONFIDENTIALITY


- 2.1 **General Obligation:** In consideration of the disclosure and release of the Confidential Information by or on behalf of the Disclosing Party to the Receiving Party, the Receiving Party hereby agrees to use and to procure that its Representatives shall use such measures and/or procedures as it uses in relation to its own confidential information and trade secrets to hold and keep in confidence any and all such Confidential Information and comply with the terms of this Agreement.
- 2.2 **Purpose:** The Receiving Party undertakes that it and its Representatives shall make use of the Confidential Information solely for the Purpose or such other purposes from time to time agreed or consented to by the Disclosing Party as evidenced in writing. Save as expressly provided hereunder, nothing in this Agreement shall be construed, implicitly or otherwise, as being the granting of a license to use the Confidential Information disclosed by the Disclosing Party.
- 2.3 **Representatives:** The Receiving Party shall take all steps and measures to minimise the risk of disclosure of the Confidential Information by ensuring that only such Representatives who are expressly authorised by it to and whose duties require them to possess the Confidential Information shall have access to the Confidential Information on a need-to-know basis.

In any event, the Receiving Party shall be responsible for any breach of the terms of this Agreement by any of its Representatives and any act or omission by any of its Representatives which would constitute a breach of the terms of this Agreement and shall take all reasonable measures to restrain such Representatives from prohibited or unauthorised disclosure or use of the Confidential Information.

- 2.4 **Reproduction:** The Receiving Party shall ensure that the Confidential Information will not be copied or reproduced or transmitted by any means and in any form whatsoever (including in an externally accessible computer or electronic information retrieval system) its Representatives without the prior written permission of the Disclosing Party.
- 2.5 **Control, Storage and Return:** The Receiving Party shall keep separate all Confidential Information from all documents and other records of the Receiving Party. The Receiving Party shall also ensure the security and control of any Confidential Information which is in documentary or other tangible form by using at least such measures which shall not be less than reasonable measures and/or procedures as its uses in relation to its own confidential information and trade secrets. The Receiving Party hereby agrees that it will promptly return to the Disclosing Party any or all such Confidential Information and all documents and materials containing or incorporating any Confidential Information together with all copies or reproductions thereof (and cease all use of the same) upon request by the Disclosing Party. Alternatively, at the request of the Disclosing Party, the Receiving Party will ensure destruction of any or all Confidential Information and all documents and materials containing or incorporating any Confidential Information together with all copies or reproductions thereof.

3. PROPERTY OF THE PARTIES

All Confidential Information disclosed pursuant to this Agreement shall be and remain the property of the Disclosing Party. Save as expressly provided hereunder, this Agreement shall not be construed, implicitly or otherwise, as creating, conveying, transferring, granting or conferring upon the Receiving Party any rights, license or

  
**Principal**  
AISSMS College of Pharmacy  
Pune-1.



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authority in or to the use of Confidential Information disclosed by the Disclosing Party. Furthermore and specifically, no license or conveyance of any intellectual property right is granted or implied by this Agreement

Neither party shall reverse engineer, decompile, disassemble, chemically analyze, modify or create derivative works based on any Confidential Information provided hereunder in tangible form, including, without limitation, any product, sample, prototype, electronic media, composition or equipment

4. **DISCLOSURE SUBJECT TO THE DISCRETION OF THE DISCLOSING PARTY**

Nothing in this Agreement shall be construed as requiring the Disclosing Party to disclose any Confidential Information to the Receiving Party or its Representatives. It is within the absolute discretion of the Disclosing Party to determine (in its sole opinion) whether Confidential Information is suitable or necessary to be so disclosed. Furthermore, both Parties acknowledge and agree that the disclosure of Confidential Information under this Agreement shall not commit or bind either party to any present or future contractual relationship (except as specifically stated herein), nor shall the disclosure of information be construed as an inducement to act or not to act in a given manner. Neither Party has an obligation under this Agreement to purchase any goods, service, or intangibles from the other party.

5. **REPORTING UNAUTHORISED DISCLOSURE, MISAPPROPRIATION OR MISUSE OF CONFIDENTIAL INFORMATION**

The Receiving Party shall immediately inform or advise the Disclosing Party of any unauthorised use or disclosure, misappropriation or misuse by any person of any Confidential Information, upon the Receiving Party having notice or knowledge of the same.

6. **NO REPRESENTATION, WARRANTY OR GUARANTEE**


No Confidential Information received by the Receiving Party from the Disclosing Party shall constitute representations, warranties nor guarantees upon which the Receiving Party may rely and the Disclosing Party shall assume no responsibility, obligation nor liability in this regard to the Receiving Party.

7. **OWNERSHIP AND AUTHORITY**

Each party warrants and represents that it owns the Confidential Information it is disclosing and has the right to make such disclosures hereunder and that the terms of this Agreement are not inconsistent with other contractual and/or legal obligations it may have.

8. **ASSIGNMENT AND BINDING EFFECT**

Neither Party shall have the right to assign its obligations or interests in this Agreement, in whole or in part, to any other third party or person to any third party without the prior written consent of the other Party. Any assignment without such consent shall be void and is a material breach of this Agreement. This Agreement shall be binding upon a Receiving Party's successors in title, including heirs, legatees, permitted assigns, and its Representatives, agents, affiliates, associates and subsidiaries.

  
**Principal**  
AISSMS College of Pharmacy  
Pune-1



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**9. REMEDY FOR BREACH**

9.1 It is understood and agreed between the Parties that any breach of the obligations of confidentiality contained in this Agreement may cause the non-defaulting Party irreparable harm, injury, loss and damage, the extent of which may be impossible to ascertain and which cannot be fully compensated by monetary damages. Accordingly, in addition to any other remedies the non-defaulting Party may have at law or in equity, the non-defaulting Party shall have the right to seek injunctive or other equitable relief or specific performance of the other Party's obligations to prevent any further or continuing breach of the non-defaulting Party's obligations. Any such remedy shall not be deemed to be exclusive or all inclusive and shall be in addition to any and all other remedies which may be available to the Parties at law or in equity.

9.2 In addition to, and without affecting, the other rights or remedies the Disclosing Party may have (whether under statute, common law or otherwise), the Receiving Party shall indemnify and keep indemnified, the Disclosing Party from and against any loss, action, expense, claim, harm or damage of whatever nature (including but not limited to legal costs) which may arise directly or indirectly from the unauthorized disclosure of Confidential Information or other breach of this Agreement by the Receiving Party.


**10. NON- APPLICABILITY OF CONFIDENTIALITY OBLIGATIONS**

The confidentiality and non-use obligations of this Confidentiality Agreement shall not apply to the following as established by reasonable proof by the Parties:

- a. Information which at the time of disclosure is in the public domain; or
- b. Information which, after disclosure, becomes a part of the public domain by publication or otherwise, except in breach of this Confidentiality Agreement; or
- c. Information which Parties can establish was in their possession prior to disclosure or was subsequently and independently developed by employees of or behalf of the Receiving Party without use, direct or indirect, or information required to be held confidential hereunder, and who had no knowledge of the Information disclosed; or
- d. Information that the Receiving Party shall receive from a third party, provided however that the third party has the right to disclose the Information; or
- e. Information which is required by law to be disclosed, provided that the party required to disclose shall give the other party written notice thereof and adequate opportunity, if practicable, to contact a government entity to object to any disclosure or to request confidential treatment thereof.

**11. DURATION OF AGREEMENT**

The term of this Agreement shall commence on the Effective Date and shall continue in effect until the earlier of: (a) Five (5) years; or (b) Either party terminating the Agreement by issuing a prior written notice of fifteen (15) days to the other party; or (c) Completion of the Purpose. All obligations contained in the Agreement shall however survive the expiry or early termination of this Agreement and continue in perpetuity.

  
**Principal**  
AISSMS College of Pharmacy  
Pune-1



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12. NOTICES

"Notice" means a writing containing the information required or permitted by this Agreement to be communicated by one Party to the other Party. All notices will be in writing and sent by certified mail, overnight mail, responsible courier, or transmitted by facsimile (if confirmed by mail), to the address below or such other address as either party may indicate by at least ten (10) days prior written notice to the other party:

If to Indus Biotech: Indus Biotech Private Limited  
Attention: Mr. Sunil Bhaskaran, Managing Director  
Telephone: +91-20-26852139, 26851239  
Facsimile:  
E-mail: sunil@indusbiotech.com  
Address: I, Rahul Residency, Plot Nos. 6 & 7, Off Salunke Vihar Road, Kondhwa, Pune - 411048, Maharashtra India

If to: AISSMS College of Pharmacy, Pune  
Attention: Prof. Mangesh R. Bhalekar  
Telephone: 09850833223  
Facsimile:  
E-mail: mrbhalekar@gmail.com  
Address: Near RTO, Kennedy Road, Sangamvadi, Pune, Maharashtra 411001

13. WAIVER


Failure, delay or neglect by the Disclosing Party to enforce at any time any of the provisions hereof shall not be construed nor be deemed to be a waiver of the Disclosing Party's rights hereunder nor in any way affect the validity of the whole or any part of this Agreement nor prejudice the Disclosing Party's rights to take subsequent action. No remedy conferred by any of the provisions of this Agreement is intended to be exclusive of any other remedy which is otherwise available at law, in equity, by statute or otherwise, and each and every other remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law, in equity, by statute or otherwise. The election of any one or more of such remedies by a Party shall not constitute a waiver by such party of the right to pursue any other available remedies.

14. SEVERABILITY

If any provision (or part thereof) of this Agreement is held to be a violation of any applicable law, the same shall be deemed to be deleted from this Agreement. The remainder of this Agreement shall remain in full force and effect as if such provision (or part thereof) had not originally been contained in this Agreement. Notwithstanding the foregoing, the Parties shall negotiate in good faith to agree on the terms of a mutually acceptable alternative provision in place of the provision so deleted.

15. PUBLICITY

Except as required by law, the parties shall not and shall procure that their respective personnel, their respective affiliates, and the personnel of their respective affiliates, shall not make any announcement, or comment upon or originate any publicity, or otherwise provide any information to any third party (other than its employees, directors or legal

  
Principal  
AISSMS College of Pharmacy  
Pune-1



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advisors) concerning this agreement including but not limited to ,the fact that the parties are engaging in the Purpose, the existence of this agreement, the terms of this agreement, the performance of this agreement, and /or any dispute or disagreement relating to this agreement, without the prior written consent of the other party.

16. ENTIRE AGREEMENT

This Agreement has been signed in duplicate, each of which is an original. This Agreement constitutes the entire agreement between the Parties pertaining to the subject matter hereof, and supersedes any and all prior agreements, communications and understandings (both written and oral) regarding such subject matter. This Agreement shall not be modified or any rights under it waived except by a written document executed by all parties.

Nothing in this Agreement shall be construed, by implication or otherwise, as an obligation or an offer by either party to enter into any further agreement relating to any of the Confidential Information.

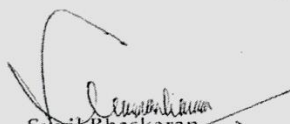
17. DISPUTE RESOLUTION

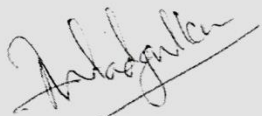
The Parties will try to amicably settle any dispute between the parties arising from or touching upon this Agreement including any differences on the construction of any provision hereof failing which disputes will be settled in a court of competent jurisdiction in India.

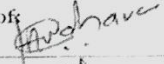

IN WITNESS WHEREOF the parties hereto have caused their duly authorised representatives to set their hands hereunder the day and year first above written.

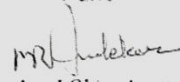
For Indus Biotech Private Limited

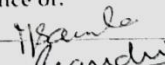

For AISSMS College of Pharmacy, Pune

  
Sunil Bhaskaran  
Managing Director

  
Authorized Signatory  
Dr. Ashwini R. Madgulkar  
**Principal**  
AISSMS College of Pharmacy  
Pune-1

In presence of:  
1.   
2. 

  
Authorized Signatory  
Prof. Mangesh R. Bhalekar

In presence of:  
1.   
2. 

**APPLICATION FOR COLLABORATIVE/INTERDISCIPLINARY RESEARCH (IRI)**

Date : 1/8/2018

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other)

Work as per details mentioned below

Name and department/Address of PI & student: Dr. Mangesh Bhalekar , Dr. Trupti Chitre  
AISSMS College of Pharmacy, Pune

Name and department/Address of collaborator: Mrs. Asha Hole Geniobrain IP Solutions,  
Pune, Maharashtra

Type of collaboration (guidance/experimental/testing): Collaborative research/ Guidance

Charges if any: None

Abstract of work: (150 words): This collaboration would be contest on patent application with regards to Identification of patentable research and innovation, filing patent and in support of writing claims of the patent application

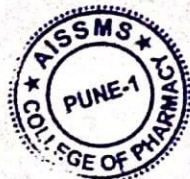
Dr. Mangesh Bhalekar , Dr. Trupti Chitre  
Principal investigator

*Ashole*  
Collaborator  
Asha Hole



*Ashwini Madgulkar*  
Dr. Ashwini Madgulkar

Principal  
Principal  
AISSMS College of Pharmacy  
Pune-411001







APPLICATION FOR COLLABORATIVE/ INTERDISCIPLINARY RESEARCH (IRP)

27.09.2018

To,  
The Principal  
AISSMS College of Pharmacy, Pune

Subject: Proposal for collaborative/interdisciplinary research.

Respected madam

We propose to carry out research collaboration regarding ( B Pharm/ M Pharm, / PhD/Other)  
Work as per details mentioned below

Name and department of PI & student: Dr. S.V. Tembhurne


Name and department of collaborator: Dr. Babita H. More, Department of Pharmacognosy,  
Yadavrao Tasgaonkar College of Pharmacy, Bhivpuri road, Karjat. Mobile-8805012269, Email-  
[babitamore2882@gmail.com](mailto:babitamore2882@gmail.com)

Type of collaboration (guidance/experimental/testing): Experimental

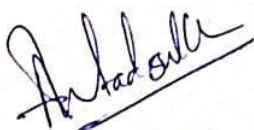
Charges if any: None

Abstract of work:

Volatile components of medicinal plants have been mentioned for medicinal importance. It has been reported for antioxidant, cosmeceutical, anti-inflammatory. In the present study we have formulated the mosquito repellent formulation of volatile oil for topical application. The formulation shows positive activity on mosquitoes. While for the topical application, the formulation need to be tested for its safety profile by testing its skin irritancy. Also the formulation may show anti-inflammatory activity so the study proposes to test its anti-inflammatory activity in rat paw edema method. So the present study aims at to evaluate the anti-inflammatory and skin irritancy activity of mosquito repellent formulation.

  
(Dr. Sachin V. Tembhurne)  
PI

  
(Dr. Babita H. More)  
Collaborator

  
Dr. Ashwini R. Madgulkar  
Principal  
AISSMS College of Pharmacy  
Pune-411001



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**Summary of activities conducted in Association with Seva Sahayog Foundation 2022-23**

Sr. no.	Start date	End date	Activity
1.	08 March 2023	08 March 2023	EXPO and Sales of products made through Women Empowerment programme of Seva Sahayog Foundation
2.	21 April 2023	21 April 2023	Donation of reusable sanitary pad to Slum Area and Construction site worker



**For Seva Sahayog Foundation**

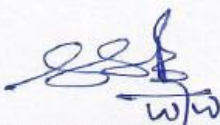


**Dr. Ashwini R Madgulkar**

**Principal**  
AISSMS College of Pharmacy  
Pune-1

**Summary of testing activities conducted under MoU with Dr. D Y Patil Institute of Pharmaceutical Science and Research, Pimpri Pune for 2022-23**

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
Spreadability and mucoadhesion	2	590	03/05/2023	03/05/2023

  
Dr. Sohan Chitlange

**PRINCIPAL**  
Dr. D. Y. Patil Institute of  
Pharmaceutical, Sciences & Research  
Pimpri, Pune-411 018.




Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1



Summary of testing activities conducted under MoU with Bhujbal Knowledge City's MET Institute of Pharmacy, Nashik for 2022-23

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
DSC	3	2124	19/05/2023	19/05/2023



Dr. Sanjay Kshirsagar

**PRINCIPAL**  
MET's Institute of Pharmacy  
Adgaon, Nashik-3.




Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

Summary of testing activities conducted under MoU with MAEER's Maharashtra Institute of Pharmacy Pune for 2022-23

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
Particle size and Zeta potential	8	3776	08/02/2023	08/02/2023
Spreadability and mucoadhesion	2	590	03/05/2023	03/05/2023
Total amount		4366		



Dr. B S Kuchekar



Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

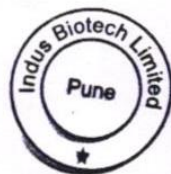
**Summary of industrial projects received from Indus Biotech Ltd for 2022-23**

Sr. no.	Title of the project	Principal investigator	Start date	End date	Amount (Rs)
1	HPTLC Estimation of Cinnamtannin B1 from powder extract and capsule blend.	Dr. Santosh Gandhi	01/01/2023	31/01/2023	17700
2	Synthesis of chromium amino acid nicotinic acid chelates	Mrs. K.D. Asagaokar	28/12/2022	31/03/2023	5900
3	Formulation filling sealing and evaluation of gel	Dr. Mangesh Bhalekar	03/09/2022	10/12/2022	32400
Total amount					56010



**Mr. Sunil Ramdasi**

**Indus Biotech Ltd**




**Dr. Ashwini R Madgulkar**

**Principal**  
**AISSMS College of Pharmacy**  
**Pune-1**


**Summary of IPR activities done with Geniobrain IP Solutions for 2022-23**

Sr. no.	Name of the activity	Start date	End date	No. of Participants
1	Ms Asha Hole proprietor Geniobrain delivered guest lecture on IPR day	15/03/2022	15/03/2022	53
2	Online Lecture on IPR	26/04/2022	26/04/2022	46
3	Ms Asha Hole proprietor Geniobrain helped in finalization of IPR policy Draft	29/06/2022	29/06/2022	-
4	Ms Asha Hole proprietor Geniobrain included as member on Kapil Committee	23/9/2022	23/9/2022	-
5	Patent application publication (Dr. Shashikant Bhandari)	22/07/2022	22/07/2022	-
6	Patent application publication (Dr. Ashwini Madgulkar)	29/07/2022	29/07/2022	-
7	Patent application publication (Dr. Sachin Tembhurne)	16/09/2022	16/09/2022	-
8	Guest lecture on IPR & patent filing procedure	25/01/2023	25/01/2023	87
9	IPR Course (6 months)	24/04/2023	24/04/2023	16
10	IPR day lecture & certificate distribution for IPR course	24/04/2023	24/04/2023	79
11	Application for filing patent in India (Dr. Shashikant Bhandari)	26/05/2023	26/05/2023	-
12	Application for filing patent in India (Dr. Tejinder Kaur Marwaha)	22/06/2023	22/06/2023	-

  
Ms. Asha Hole

Geniobrain IP Solutions




  
Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

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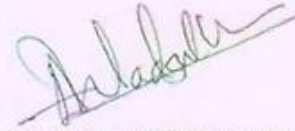
Summary of testing activities conducted under MoU with Bhujbal Knowledge City's MET Institute of Pharmacy, Nashik for 2021-22

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
DSC	3	1500	20/08/2021	20/08/2021



Dr. Sanjay Kshirsagar

**PRINCIPAL**  
MET's Institute of Pharmacy  
Adgaon, Nashik-3.



Dr. Ashwini R Madgulkar

**Principal**  
AISSMS College of Pharmacy  
Pune-1



**Summary of testing activities conducted under MoU with MAEER's Maharashtra Institute of Pharmacy Pune for 2021-22**

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
Particle size and Zeta potential	7	2800	13/04/2022	13/04/2022
Spreadability and mucoadhesion	8	2000	19/05/2022	19/05/2022
Total amount		4800		



**Dr. B S Kuchekar**



**Dr. Ashwini R Madgulkar**

**Principal**  
AISSMS College of Pharmacy  
Pune-1

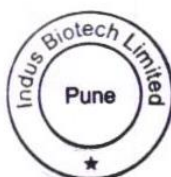
Summary of industrial projects received from Indus Biotech Ltd for 2021-22

Sr. no.	Title of the project	Principal investigator	Start date	End date	Amount (Rs)
1	Preparation trials and evaluation of gel batches	Dr. Mangesh Bhalekar	19/05/2022	31/05/2022	17700
2	Formulation development and in-vitro evaluation of fenugreek oilgel	Dr. Mangesh Bhalekar	25/08/2021	10/11/2021	30680
	Total amount				48380



Mr. Sunil Ramdasi

Indus Biotech Ltd



Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

**Summary of IPR activities done with Geniobrain IP Solutions for 2021-22**

Sr. no.	Name of the activity	Start date	End date	No. of Participants
1	IPR Day Lecture	26/04/2021	26/04/2021	46
2	Orientation of IPR course	29/12/2021	29/12/2021	27

  
Ms. Asha Hole

Geniobrain IP Solutions





Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

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Summary of testing activities conducted under MoU with MAEER's Maharashtra Institute of Pharmacy Pune for 2020-21

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
Particle size and Zeta potential	6	2400	22/12/2020	22/12/2020



Dr. B S Kuchefkar



Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

**Summary of IPR activities done with Geniobrain IP Solutions for 2020-21**

Sr. no.	Name of the activity	Start date	End date	No. of Participants
1	Regarding conducting one day course on IPR	18/02/2020	18/02/2020	-
2	National Webinar on IPR	29/04/2020	29/04/2020	400
3	Patent application publication (Dr. Mangesh Bhalekar)	15/06/2020	15/06/2020	-

  
Ms. Asha Hole

Geniobrain IP Solutions





Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1

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**Summary of testing activities conducted under MoU with MAEER's Maharashtra Institute of Pharmacy Pune for 2019-20**

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
Particle size and Zeta potential	17	6800	29/02/2020	29/02/2020



**Dr. B S Kuchekar**



**Dr. Ashwini R Madgulkar**

**Principal**  
AISSMS College of Pharmacy  
Pune-1

**Summary of IPR activities done with Geniobrain IP Solutions for 2019-20**

Sr. no.	Name of the activity	Start date	End date	No. of Participants
1	Bridge course on IPR	18/09/2019	18/09/2019	18



**Ms. Asha Hole**

**Geniobrain IP Solutions**



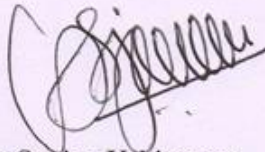
**Dr. Ashwini R Madgulkar**

**Principal**  
**AISSMS College of Pharmacy**  
**Pune-1**

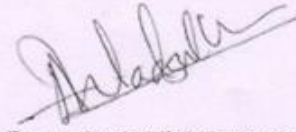
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Summary of testing activities conducted under MoU with Bhujbal Knowledge City's MET  
Institute of Pharmacy, Nashik for 2018-19

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
DSC	6	3000	01/06/2018	01/06/2018



Dr. Sanjay Kshirsagar  
**PRINCIPAL**  
MET's Institute of Pharmacy  
Adgaon, Nashik-3.



Dr. Ashwini R Madgulkar

Principal  
AISSMS College of Pharmacy  
Pune-1



**Summary of testing activities conducted under MoU with MAEER's Maharashtra Institute of Pharmacy Pune for 2018-19**

Name of testing activity	No. of Samples	Amount (Rs)	Start date	End date
Particle size and Zeta potential	11	4400	24/05/2019	24/05/2019
Spreadability and mucoadhesion	23	5750	12/04/2019	12/04/2019
Total amount		<b>10150</b>		



**Dr. B S Kuchekar**



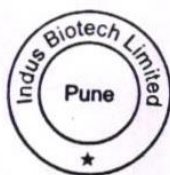
**Dr. Ashwini R Madgulkar**

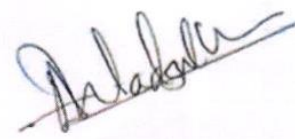
**Principal**  
AISSMS College of Pharmacy  
Pune-1

**Summary of industrial projects received from Indus Biotech Ltd for 2018-19**

Sr. no.	Title of the project	Principal investigator	Start date	End date	Amount (Rs)
1	Development of moisture protective coating for herbal tablet	Dr. Mangesh Bhalekar	10/07/2018	10/10/2018	12740

  
Mr. Sunil Ramdasi  
Indus Biotech Ltd



  
Dr. Ashwini R Madgulkar  
Principal  
AISSMS College of Pharmacy  
Pune-1

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