

**MEMORANDUM OF UNDERSTANDING**

**(MOU)**

*FOR*

**ENGAGEMENT OF COLLABRATIVE RESERACH WORK,  
EXCHANGE OF HUMAN RESOURCES AND KNOWLEDGE FOR  
SKILL DEVELOPMENT OF STUDENTS AND RESEARCHERS.**

*BETWEEN*

**ARVIND GAVALI COLLEGE OF PHARMACY,  
JAITAPUR, SATARA**

*AND*

**D. P. BHOSALE COLLEGE, KOREGAON  
SATARA**

**2021-22**



## **1. Preamble:**

Whereas, Arvind Gavali College of Pharmacy was established in Satara by Samarth Educational Trust, with the aim of providing pharmaceutical education and conducting pharmaceutical studies and D. P. Bhosale College, Koregaon, Dist. Satara was established by Rayat Shikshan Sanstha, Satara to facilitate the stakeholders for academic basic science research as well clinical research education in the different sectors of basic science.

Whereas, Arvind Gavali College of Pharmacy, Satara allots the project studies to their students as a part of course study, conducts pharmaceutical and clinical studies of the different bioactivity of research drug molecule, phytochemicals to be estimated, publication of any such work either as scholarly article or at the examination, bioactivity, pharmacological and toxicological study requires scientific and authentic procedure and assistance of expertise. The faculty conducting research activity too requires clinical research data for their articles.

D. P. Bhosale College, Koregaon Dist. Satara along with imparting education and trains students through various departments viz. Department of Zoology, Botany, Microbiology, Chemistry and Physics. It also actively participates in clinical research imparting education to different research fellow students to deal through various bioactivity procedures.

## **2. Terms of Agreement:**

Both the beneficiary parties viz. D. P. Bhosale College, Koregaon and Arvind Gavali College of Pharmacy agree to share learning resources and faculty as well as provide support and collaboration in the following areas for the benefit and betterment of the stakeholders of both the parties.



**D. P. Bhosale College, Koregaon, Dist. Satara through its capacity serves as -**

- Potential research facility centre for conducting safety and collaborative research projects by availing the laboratory facilities
- Provides Research facility centre for authentic toxicological and pharmacological evaluation of research drug sample to the faculty and students. This report will be in written format and is duly signed by head of the concerned department and can be only used for academic purposes. Monetary benefits in any case are strictly prohibited.
- Organisation of different skill development programme, workshops, conferences, symposiums and faculty development programme
- Active partner to cater the technically skilled human resources for training the research students
- Medium for submission of proposals for collaborative research work with prior permission of head of institute.
- A Centre for contribution in exchange and sharing of faculties for various academic activities for betterment of pharma graduates.
- Sharing of any other academic activity agreed by both institutions.

**Arvind Gavali College of Pharmacy, Satara possess/provides -**

- Potential research center for safety and collaborative research.
- Full-fledged animal house and other technical facilities for budding researchers for novel isolated phytochemicals and drug research samples and literature data for bioactivity which contributes in evaluation of different bioactivity.
- Expertise for the separation and identification of phytochemicals from the plant samples and synthesis of drug molecules used in research work using proper techniques.
- The faculties, skilled professionals and other facility to train all basic science graduates.
- Submission of proposals for collaborative research work with prior permission of head of institute.
- Sharing of any other academic activity agreed by both institutions.



### 3. Funding :

This MOU is not a commitment of funds by one partner organization to the other partner organization's activities.

### 4. Duration:

Whereas, this MOU is purely for academic purpose and for the benefit of students, shall remain withstands permanently till there are healthy practices on both the ends.

**FOR, D. P. BHOSALE COLLEGE, KOREGAON. DISTRICT-SATARA**

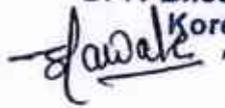
*Principal:*



**Principal,**

**D. P. Bhosale College,  
Koregaon.**

*Witnessed By:*



*Seal of the Institute:*



**FOR, ARVIND GAVALI COLLEGE OF PHARMACY, SATARA.**

*Secretary:*



**Nishant Gavali  
Secretary**

*Witnessed By:* **Samarth Educational Trust  
Satara**

*Seal of the Institute:*

No. 25/84/2010-AWD  
Government of India  
Ministry of Fisheries, Animal Husbandry and Dairying  
Department of Animal Husbandry and Dairying  
O/o Committee for Control and Supervision of Experiments on Animals  
(CCSEA)  
\*\*\*\*\*

Delhi Milk Scheme Complex,  
Shadipur, Delhi - 110008  
Date: 19.07.2024

To,

Dr. Lokhande V.Y, Chairperson, IAEC  
Arvind Gawali College of Pharmacy,  
Jaitapur Satara, Survey No. 261 At. Jaitapur,  
Post-Chinchner-Vadan Tal/Dist Satara - 415 004, Maharashtra  
Mobile: 9423320538  
E-mail: lokhande.vasant@gmail.com

Subject: Revision of Institutional Animals Ethics Committee (IAEC) - regarding.

Sir,

Kindly refer to your application on the above subject. CCSEA hereby accords approval to your request for revision of IAEC.

2. Accordingly, the revised IAEC is as under:

Sl.No.	Name of the IAEC Members	Designation in IAEC
1	Dr. Lokhande V.Y	Biological Scientist, Chairperson
2	Ms. Godse K.C	Scientist Incharge of Animal House Facility, Member Secretary
3	Dr. MORE V. B.	Veterinarian
4	Dr. NALAWADE S. P.	Scientist from different biological discipline
5	Dr. Patil P. S.	Scientist from different biological discipline
6	Dr. Vikas Vasant Karande	Main Nominee
7	Dr. Mahesh Ganpat Brahmkar	Link Nominee
8	Dr. Vijayanand R. Aralelimath	Scientist from outside the Institute
9	Ms. Poornima S. Shinde	Socially Aware Nominee

3. In addition, it is to inform that the decision should be taken only by the approved members of the IAEC and the attendance sheet of the minutes of IAEC meeting shall be signed by the approved member along with date. The minimum quorum of six (6) member is required for holding valid IAEC meeting. The Main Nominee, Scientist from outside the Institute and Socially Aware Nominee must be present in such meetings. Link Nominee can attend in case main nominee conveys his unavailability in writing to the chairman IAEC. However, the Link Nominee should be invited once a year to update him/ her about the activities of the IAEC. Any decision taken in the meetings of IAEC without quorum shall be considered invalid.

4. The above composition of IAEC is valid upto the validity of registration period i.e. 21<sup>st</sup> Jul 2026.

Yours Sincerely,



(Dr. S. K. Dutta)

Member Secretary (CCSEA)

Copy for information to Nominees of CCSEA:

1. Dr. Vikas Vasant Karande, Main Nominee
2. Dr. Mahesh Ganpat Brahmkar, Link Nominee
3. Dr. Vijayanand R. Aralelimath, Scientist from outside the Institute
4. Ms. Poornima S. Shinde., Socially Aware Nominee

19/5/2024  
D. K. S.



SAMARTH EDUCATIONAL TRUST  
**ARVIND GAVALI COLLEGE OF PHARMACY**

Approved by AICTE, P.C.I. New Delhi, Recognised by DTE, Mumbai  
Affiliated to Shivaji University, Kolhapur, MSBTE, Mumbai  
Website : arvindgavalipharmacycollege.com



Address : Get No. 281, At, Jaitapur,  
Post - Clincheer Vandan, Tal. & Dist.  
Pin - 415 904 (Maharashtra)  
Phone : 02152 - 246799  
E-mail : agcopsatara@gmail.com  
Institute Code  
D. Pharm - DP-6393  
B. Pharm - PH 6393  
M. Pharm - MP 6393

Ref. No. : AGCOP/2024/2099A

Date : 16/12/2024

To,  
Dr. Mrs. S.P. Nalawade  
Associate Professor and Head,  
Department of Zoology, D. P. Bhosale College,  
Koregaon, Satara.

Sub- Regarding Invitation of IAEC meeting at AGCOP, Satara.

Respected mam,

I am writing this letter to invite you for IAEC meeting which will be at our institute on 21<sup>st</sup> December 2024. As per letter received from CPCSEA you are appointed as committee member of IAEC as **scientist from different biological discipline** at Arvind Gavali College of Pharmacy, Jaitapur, Satara.

We are fortunate to have your professional expertise & credential volunteer time from your busy schedule to guide us & serve as scientist from different biological discipline.

Kindly go through the agenda of meeting which is mentioned here with.

**Agenda of the meeting**

Meeting of Institutional Animal Ethics Committee (IAEC) has been arranged at Arvind Gavali College of Pharmacy, Satara on 21<sup>st</sup> December 2024 at 10.00am.

The agenda of the meeting is as follows:

1. To confirm the minutes of the last meeting.
2. Approval of **FORM B** for research activity.
3. Any other issue with permission of chair.

*Godse*



Yours Sincerely,  
Ms. Godse K.C  
Member secretary IAEC  
Arvind Gavali College of Pharmacy, Jaitapur, Satara.

F. No. 25/84/2010-AWD  
Government of India  
Ministry of Fisheries, Animal Husbandry and Dairying  
Department of Animal Husbandry and Dairying  
O/o Committee for the purpose of Control and Supervision of Experiments on Animals  
\*\*\*\*\*

Krishi Bhawan, New Delhi-110001

Date: 22/07/2021

22/07/2021

To,

Dr. Shirote P. J., Chairman, IAEC  
Arvind Gawali College of Pharmacy Jaitapur Satara,  
Survey No. 261 At. Jaitapur, Post-Chinchner-Vadan Tal/Dist  
Satara - 415 004, Maharashtra  
Email: padmpramod@rediffmail.com  
Mobile: 9665570772

Subject: Renewal of Registration and Reconstitution of Institutional Animals Ethics Committee (IAEC)-regarding

Sir,

The registration of Animal House Facility of your establishment with CPCSEA has been renewed for a period of five years from the date of issue of this letter.

2. The new registration number of Animal House Facility of your establishment is **1874/PO/Re/S/16/CPCSEA for Research for Education purpose on small animals**. Henceforth, the new registration number may kindly be quoted in all your future correspondence with this office.

3. The CPCSEA has accepted the following members recommended by the establishment.

Name of the IAEC Members	Designation in IAEC
1) Dr. P. J. Shirote	Biological Scientist, Chairperson
2) Dr. P. S. Patil	Scientist from different biological discipline
3) Dr. S. P. Nalawade	Scientist from different biological discipline
4) Miss. P. M. Ghadge	Scientist In charge of Animal House Facility, Member Secretary
5) Dr. More V. B.	Veterinarian

4. CPCSEA hereby nominates the following members to the Institutional Animals Ethics Committee (IAEC) of your establishment:

Details of Nominee(s)	Nominated as
1) Dr. Vikas Vasant Karande Assistant Professor, Department of Pharmacology, Krantisinh Nana Patil, College of Veterinary Science, Shirwal, Tal- Khandala, Dist- Satara, Maharashtra - 412801 Contact No :9029802323 Email :drvikas111081@gmail.com	Main Nominee
2) Dr. Mahesh Ganpat Brahmkar 578 "Om Namu Niwas", Parijat Colony, Opp Serum Company, Gate No. 4/A, Hadapsar, Pune - 411028, Maharashtra Contact No :8007777302 Email :drmgbrahmankar@gmail.com	Link Nominee

Contd..

*(Signature)*

**Rayat Shikshan Sanstha's  
D. P. Bhosale College, Koregaon**

**Report on IAEC Meeting**

**Collaborative Activity under MoU**

An Institutional Animal Ethics Committee (IAEC) meeting was organized on **21st December 2024** at **Arwind Gavali College of Pharmacy, Jaitapur, Satara**, as part of the collaborative Memorandum of Understanding (MoU) between **D. P. Bhosale College, Koregaon**, and **Arwind Gavali College of Pharmacy, Jaitapur, Satara**.

During the meeting, a total of 9 protocols prepared by students and faculty were presented for review and approval. These protocols detailed their research work involving in vivo models (Wistar rats). Each presentation was carefully evaluated by the IAEC members, ensuring adherence to ethical guidelines and scientific rigor. Following the presentations, the committee arranged a **visit to the Animal House** to review the facilities and compliance with ethical and operational standards. This visit provided valuable insights into maintaining and utilizing in vivo models for research.

Dr. Mrs. S. P. Nalawade, faculty from the Department of Zoology, D. P. Bhosale College, Koregaon, and a committee member of the IAEC of Arwind Gavali College of Pharmacy, actively contributed to the discussions and evaluations during the meeting.

It was mutually decided during the meeting to enhance collaborative activities between the two institutions under the MoU. Future plans include conducting joint research projects, training programs, and workshops to foster academic and scientific growth.

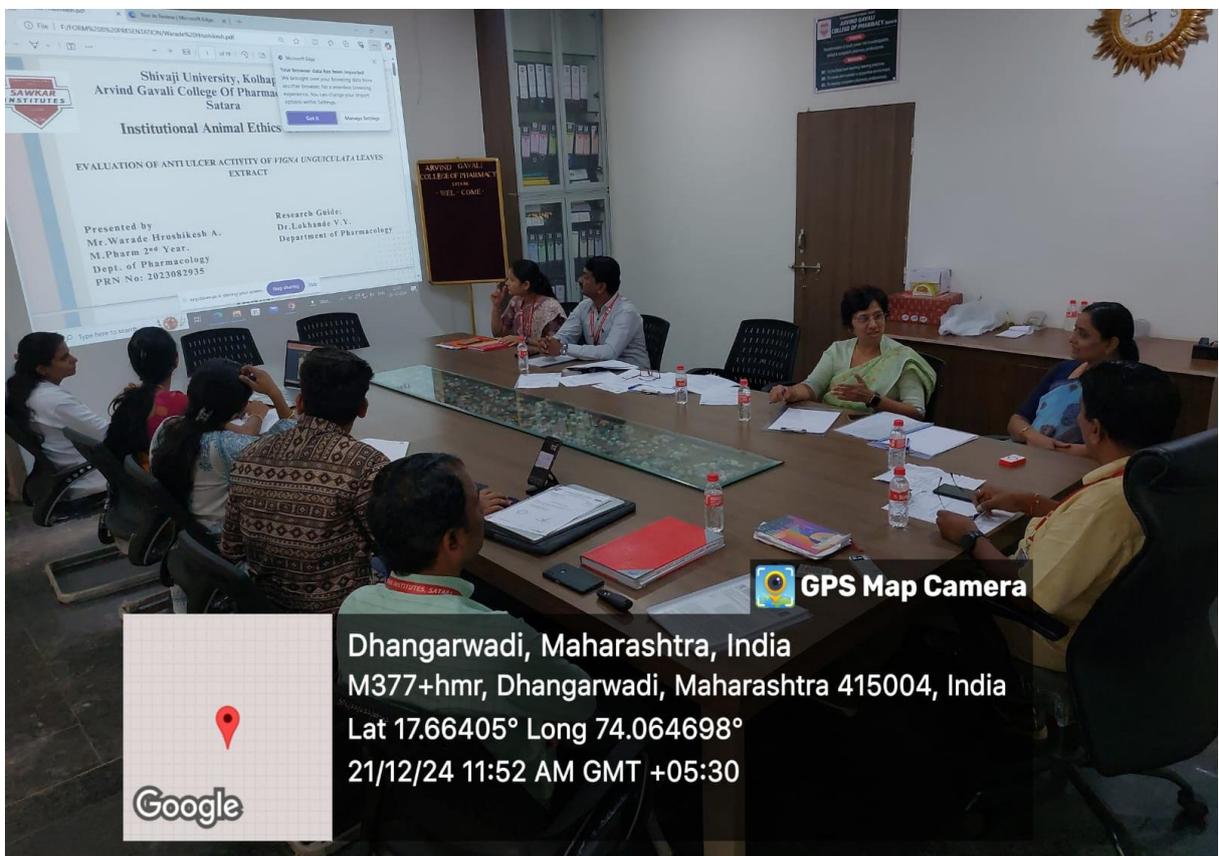
This meeting marks a significant step forward in strengthening the partnership between D. P. Bhosale College, Koregaon, and Arwind Gavali College of Pharmacy, Satara, promoting ethical research practices and collaborative development.



**IAEC meeting at Arwind Gavali College of Pharmacy, Jaitapur, Satara**



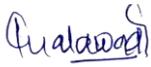
**Presentation of Students for permission of IAEC committee to work in vivo model**



**IAEC members actively contributed to the discussions and evaluations during the meeting.**



**Animal House visit to review the facilities and compliance with ethical and operational standards**

  
**Head**  
Department of Zoology  
D. P. Bhosale College Koregaon

  
**PRINCIPAL**  
D. P. Bhosale College  
Koregaon