

MEMORANDUM OF UNDERSTANDING

BETWEEN



LOKNETE HON. HANMANTRAO PATIL CHARITABLE TRUST'S

ADARSH COLLEGE OF PHARMACY VITA

TAL. KHANAPUR, DIST. SANGLI (MS)

AND



RAYAT SHIKSHAN SANSTHA'S

BALWANT COLLEGE, VITA

(BOTANY DEPARTMENT)

TAL. KHANAPUR, DIST. SANGLI (MS)



"Education through self-help is our motto" - Karmaveer

RAYAT SHIKSHAN SANSTHA'S

BALWANT COLLEGE, VITA

बळवंत कॉलेज, विटा

A/p- VITA -Tal.Khanapur, Dist. Sangli (M.S.) PIN- 415311

(Affiliated to SHIVAJI UNIVERSITY, KOLHAPUR)

☎ : (02347) Office : 299303

Resi. : 272096

Website : www.balwantcollege.edu.in

E-mail : balwantcollege_7207@yahoo.com

FOUNDER : **Padmabhushan Dr. Karmaveer Bhaurao Patil**, D.Litt.

PRINCIPAL :

Dr. More R.S.

M.A., M.Phil., Ph.D.

Ref. No.

Date :

MEMORANDUM OF UNDERSTANDING (MOU)

Between

ADARSH COLLEGE OF PHARMACY VITA

And

BALWANT COLLEGE, VITA

NAAC : GRADE - "A", CGPA - 3.11

DST-FIST Funded College

RUSA Funded College

ISO. 9001:2015 Certified

Govt. Approval No.-

Sr.- UKF.1563,

Dt.11-09-1963

ZP Sangli C-11

H.S.C. Code No. : J 22.05.001

Govt. Approval No.

Jr.- HSC/1077/64250/XX.XXI,

Dt.15-04-1977

This is an agreement between Adarsh College of Pharmacy, Bhavaninagar, Kundal Road Vita, Khanapur, Dist. Sangli here in after called "ACOP" and Balwant College, Vita Hanmantnagar, Khanapur Road Vita, Tal. Khanapur, Dist. Sangli here in after called "BCV".

1. PURPOSE

This Memorandum of Understanding (MoU) establishes a cooperative relationship between Adarsh College of Pharmacy, Vita (ACOP) and Balwant College, Vita (BCV). Under this MoU, ACOP and BCV will establish mutually beneficial links, with the aim of enhancing development of students in the field of Pharmacy.

2. BACKGROUND

A) Balwant College, Vita is established in 1963 by Rayat Shikshan Sanstha, Satara which was founded by Late Padmabhushan Dr. Karmaveer Bhaurao Patil with the aim of imparting education to the downtrodden masses. College is rendering education to the rural youth to prepare a complete individual who will meet the future global challenges. The institute has proven its excellence in academic, co-curricular and socio cultural area consistently and brought about social and educational change in the scenario of Khanapur Tahsil. The institute has been reaccredited at 'A' level (3rd Cycle) with CGPA 3.11 by NAAC and also funded by DST-FIST in 2018 and by RUSA in 2019.

The institute offers education in degree courses, post graduation courses and M.Phil-Ph.D. of conventional streams of Arts, Commerce and Science. Non-conventional courses like B.B.A., B.C.S., B.Voc. in food processing and other allied courses of soft skill development and skill council of India are run by the institute. Sixteen acre 'green campus', decent infrastructure, a rich library, spacious well equipped laboratories and hostels for boys and girls provide an excellent educational atmosphere to students.

- B) Loknete Hon. Hanmantrao Patil Charitable Trust's established Adarsh College of Pharmacy, Vita in the year 2013. The institute is leading a road to success with visionary guidance and optimistic approach of Adv. Sadashivrao Patil (Founder, President) and consistent support of governing body of the institute. Institute is approved by AICTE, Govt of Maharashtra and affiliated to the Shivaji University Kolhapur/MSBTE, Mumbai. College offers a) Bachelor of Pharmacy (B. Pharm) Degree, four year full-time degree course spreading over eight semesters, with an approved intake capacity of 100 students. b) Diploma in Pharmacy (D. Pharm), two year full-time course affiliated to Maharashtra State Board of Technical Education (MSBTE) with an approved intake capacity of 60 students.

The Institute facilitate with well equipped laboratories, high-speed internet facility, well-ventilated classrooms, well-stocked library with adequate national and international journals and periodicals, hygienic Canteen and Medical Facilities within the Campus and Bus Service to and fro local regions of vita.

3. COOPERATIVE RELATIONSHIP:

ACOP and BCV (Botany Department) agree to form a cooperative relationship under this MOU for the purpose stated above. In furtherance of this agreement:

- a) Promoting interaction between ACOP and BCV (Botany Department) in mutually beneficial areas of preparation of herbarium sheet, authentication of medicinal plants collection and exploration of medicinal plant etc.
- b) Sharing knowledge and capability in the concerned areas for mutual benefits and become trusted partners in the area of knowledge enrichment.
- c) Facilitate work from ACOP students/faculties and Vice versa on projects identified for collaborative benefits.
- d) To support the institute in following activities:
 - To encourage and develop students in the field of Pharmaceutical industrial practice.
 - To develop the skills and aptitude of students for enhancing their employability and entrepreneurial attitude.

- To organize workshops, conclaves, seminars and trainings in mutual association.
 - To spread awareness, provide encouragement and facilitate Publications, Products and Patents etc.
- e) In unforeseen circumstances MoU between parties can be terminated with prior consultation and mutual understanding.

4. GENERAL CONDITION

The Memorandum of understanding (MoU) signed will be the guiding document for both the parties for execution of the actions and initiatives in the near future. Both the organizations will encourage its members to define the overall strategy and roadmap to carry out the action points contained in it and report on the progress achieved at regular intervals.

5. EFFECTIVE DATE

This MoU will be effective upon the date of the final signature of this document for a period of Five years with one-year extensions available upon written mutual agreement. Extensions become effective upon final signature of the appropriate parties.

Signature:

For

Adarsh College of Pharmacy Vita, Sangli

Phone: (02347) 272850

E.mail: nsmahajan17@gmail.com

Signature:

For

Balwant College, Vita, Sangli

Phone: (02347) 272096

E.mail: balwantcollege_7207@yahoo.com

Signature:

Name: Prof.(Dr.) Niranjan S. Mahajan

Designation: Principal **Principal**

Date: 15/09/2021

Signature:

Name: Prof.(Dr.) Rajendra S. More

Designation: Principal **" PRINCIPAL,**

Date: 15/09/2021 **Balwant College, Vita**
Dist-Sangli

Witnessed By:

Signature:

Name: Mr. V. B. Metkari

Designation: Assistant Professor

Date: 15/09/2021

Signature:

Name: Dr. Shankar M. Shendage

Designation: Head, Botany Department

Date: 15/09/2021

Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor in Botany
Balwant College, Vita
Tal. Khanapur, Dist. Sangli
Pin - 415 311 (MS) India.



Phone: Off.: (02347) - 272096
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E-mail : shankar_ms24@rediffmail.com

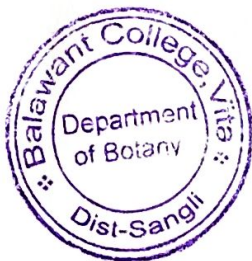
Outward No.: 011 / 2023-24


Date: 6th November 2023

CERTIFICATE

This is to certify that, the plant material submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. SS 001) by Mr. Suraj Sutar from Adarsh College of Pharmacy, Vita is identified and authenticated as:

Sp. No.	Botanical Name	Family
SS 001	<i>I. hederifolia</i> Anon.	Convolvulaceae




Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Venkanna and Das in Singh et al. Fl. Maharashtra 2: 463. 2000.


6-11-2023
Received



LOKNETE HON. HANMANTRAO PATIL CHARITABLE TRUST'S
ADARSH COLLEGE OF PHARMACY, VITA

Bhavaninagar, Kundal Road, Vita, Tal- Khanapur Dist- Sangli, Pin - 415311
Website - www.acopvita.edu.in e-mail - acopvita@gmail.com Contact No. 7755900896

Approved by - AICTE, PCI, New Delhi, Govt. of Maharashtra, DTE, Mumbai
Affiliated to-Shivaji University, Kolhapur & Dr. Babasaheb Ambedkar Technological University, Lonere

Institute
Code-
PH6820



Dr. Niranjan S. Mahajan
Principal

Hon. Adv. Vaibhav S. Patil
President

Hon. Adv. Sadashiv H. Patil
Founder

Ref. No. ACOP/Office Letter/6957/2023-24

Date: 30/10/2023

To,
The Head of Botany Department,
Balwant College, Vita

Subject: Authentication of Plant material.

Dear Sir,

With reference to above mentioned subject, we would like to inform you that we are catering M. Pharm course in Pharmacology. Our student Mr. Suraj Sutar is working on the topic "Study of pharmacological activity of indigenous plant in lab animals". We will be very much thankful to you if you could authenticate plant material. We will acknowledge your support and contribution in dissertation topic.

So, its our kind request you to authenticate the sample of plant material.

Thanking you,

Yours faithfully,

Principal

Adarsh College of Pharmacy, Vita
Tal-Khanapur, Dist-Sangli 41531



Outward No.: 013 / 2023-24


Date: 2nd December 2023

CERTIFICATE

This is to certify that, the plant material submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. MA 001) by Ms. Mahek Kadar Attar from Adarsh College of Pharmacy, Vita is identified and authenticated as:

Sp. No.	Botanical Name	Family
MA 001	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Rubiaceae

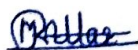



Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Mudaliar & Prasad in Singh et al. Fl. Maharashtra St. Dicot. 2: 155. 2001.

Received

2/12/2023





LOKNETE HON. HANMANTRAO PATIL CHARITABLE TRUST'S
ADARSH COLLEGE OF PHARMACY, VITA

A/p - 421/2, Near MIDC, Khambale (Bha.), Vita Tal- Khanapur Dist- Sangli 415311
Website - www.acopvita.edu.in e-mail - acopvita@gmail.com Contact No. 7755900896

Approved by - AICTE, PCI, New Delhi, Govt. of Maharashtra, DTE, Mumbai
Affiliated to-Shivaji University, Kolhapur & Dr. Babasaheb Ambedkar Technological University, Lonere

Institute
Code-
PH6820



Dr. Niranjan S. Mahajan
Principal

Hon. Adv. Vaibhav S. Patil
President

Hon. Adv. Sadashiv H. Patil
Founder

Ref. No. ACOP/Office Letter/ 6833 /2023-24

Date: 61 / 12 /2023

To,
The Head of Botany Department,
Balwant College, Vita

Subject: Authentication of Plant material.

Dear Sir,

With reference to above mentioned subject, we would like to inform you that we are catering M. Pharm course in Pharmacology. Our student Miss. Mahek Kadar Attar is working on the topic "Study of pharmacological activity of indigenous plant in lab animals". We will be very much thankful to you if you could authenticate plant material. We will acknowledge your support and contribution in dissertation topic.

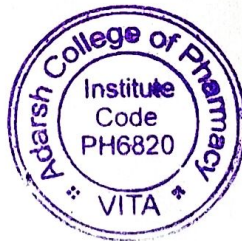
So, it's our kind request you to authenticate the sample of plant material.

Thanking you,

Yours faithfully,

Principal

Adarsh College of Pharmacy, Vita
Tal-Khanapur, Dist-Sangli 41531



Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor in Botany
Balwant College, Vita
Tal. Khanapur, Dist. Sangli
Pin - 415 311 (MS) India.



Phone: Off.: (02347) - 272096
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E-mail : shankar_ms24@rediffmail.com

Outward No.: 014 / 2023-24


Date: 26th December 2023

CERTIFICATE


This is to certify that, the plant material submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. SS 002) by Mr. Suraj Ashok Sutar from Adarsh College of Pharmacy, Vita is identified and authenticated as:

Sp. No.	Botanical Name	Family
SS 002	<i>Ipomoea hederifolia</i> L.	Convolvulaceae




Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Venkanna & Das Das in Singh et al. Fl. Maharashtra St. Dicot. 2: 463. 2001.


Received at 12/02/23

ADARSH COLLEGE OF PHARMACY, VITA

Gat No. 421/2, Near MIDC Khambale (Bha), Tal - Khanapur Dist - Sangli, Pin 415311

Approved by - AICTE, PCI, New Delhi, Govt. of Maharashtra, DTE, Mumbai

Affiliated to-Shivaji University, Kolhapur & Dr. Babasaheb Ambedkar Technological University, Lonere



Dr. Niranjana S. Mahajan
Principal

Hon. Adv. Vaibhav S. Patil
President

Hon. Adv. Sadashiv H. Patil
Founder

Ref. No. ACOP/Office Letter/6870/2023-24

Date: 11 DEC 2023

To,
The Head of Botany Department,
Balwant College, Vita

Subject: Authentication of Plant material.

Dear Sir,

With reference to above mentioned subject, we would like to inform you that we are catering M. Pharm course in Pharmacology. Our student, Mr. Suraj Ashok Sutar is working on the topic "Study of pharmacological activity of indigenous plant in lab animals". We will be very much thankful to you if you could authenticate plant material. We will acknowledge your support and contribution in dissertation topic.

So, it's our kind request you to authenticate the sample of plant.

Thanking you,

Yours faithfully,

PRINCIPAL

Adarsh College of Pharmacy
M. Pharm



Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor in Botany
Balwant College, Vita
Tal. Khanapur, Dist. Sangli
Pin - 415 311 (MS) India.



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E-mail : shankar_ms24@rediffmail.com

Outward No.: 015 / 2023-24

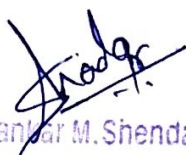
Date: 6th January 2024

CERTIFICATE

This is to certify that, the plant material submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. RGT 001) by Miss Rupali Gorakh Tarange from Adarsh College of Pharmacy, Vita is identified and authenticated as:

Sp. No.	Botanical Name	Family
RGT 001	<i>Mallotus philippensis</i> (Lam.) Müll. Arg	Euphorbiaceae




Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Londhe in Singh et al. Fl. Maharashtra St. Dicot. 2: 894. 2001.

O/c

Received





LOKNETE HON. HANMANTRAO PATIL CHARITABLE TRUST'S

ADARSH COLLEGE OF PHARMACY, VITA

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Code-
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Approved by - AICTE, PCI, New Delhi, Govt. of Maharashtra, DTE, Mumbai
Affiliated to-Shivaji University, Kolhapur & Dr. Babasaheb Ambedkar Technological University, Lonere

Dr. Niranjan S. Mahajan
Principal

Hon. Adv. Vaibhav S. Patil
President

Hon. Adv. Sadashiv H. Patil
Founder

Ref. No. ACOP/Office Letter/6871/2023-24

Date: 23 / 12 / 2023

To,
The Head of Botany Department,
Balwant College, Vita

Subject: Authentication of Plant material.

Dear Sir,

With reference to above mentioned subject, we would like to inform you that we are catering M. Pharm course in Pharmacology. Our student Miss. Rupali Gorakh Tarange is working on the topic "Study of pharmacological activity of indigenous plant in lab animals". We will be very much thankful to you if you could authenticate plant material. We will acknowledge your support and contribution in dissertation topic.

So, it's our kind request you to authenticate the sample of plant material.

Thanking you,

Yours faithfully,



Principal

Adarsh College of Pharmacy, Vita
Tal-Khanapur, Dist-Sangli 41531

Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor in Botany
Balwant College, Vita
Tal. Khanapur, Dist. Sangli
Pin - 415 311 (MS) India.



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E-mail : shankar_ms24@rediffmail.com

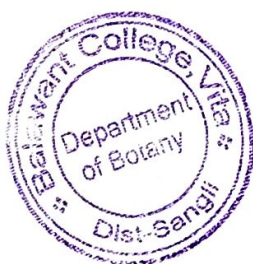
Outward No.: 016 / 2023-24

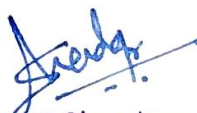
Date: 20th January 2024

CERTIFICATE

This is to certify that, the plant material submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. KPH001) by Miss Kajal Pandurang Howal from Adarsh College of Pharmacy, Vita is identified and authenticated as:

Sp. No.	Botanical Name	Family
KPH001	<i>Jasminum sambac</i> (L.) Ait.	Oleaceae




Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Pradhan in Singh et al. Fl. Maharashtra St. Dicot. 2: 313. 2001.

o/c Khowal:
Received.



LOKNETE HON. HANMANTRAO PATIL CHARITABLE TRUST'S
ADARSH COLLEGE OF PHARMACY, VITA

A/p - 421/2, Near MIDC, Khambale (Bha.), Vita Tal- Khanapur Dist- Sangli 415311
Website - www.acopvita.edu.in e-mail - acopvita@gmail.com Contact No. 7755900896

Institute
Code-
PH6820



Approved by - AICTE, PCI, New Delhi, Govt. of Maharashtra, DTE, Mumbai
Affiliated to-Shivaji University, Kolhapur & Dr. Babasaheb Ambedkar Technological University, Lonere

Dr. Niranjana S. Mahajan
Principal

Hon. Adv. Vaibhav S. Patil
President

Hon. Adv. Sadashiv H. Patil
Founder

Ref. No. ACOP/Office Letter/ 6834 /2023-24

Date: 01 / 12 /2023

To,
The Head of Botany Department,
Balwant College, Vita

Subject: Authentication of Plant material.

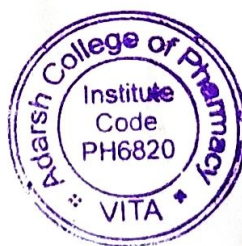
Dear Sir,

With reference to above mentioned subject, we would like to inform you that we are catering M. Pharm course in Pharmacology. Our student Miss. Kajal pandurang howal is working on the topic "Study of pharmacological activity of indigenous plant in lab animals". We will be very much thankful to you if you could authenticate plant material. We will acknowledge your support and contribution in dissertation topic.

So, its our kind request you to authenticate the sample of plant material.

Thanking you,

Yours faithfully,



Principal

Adarsh College of Pharmacy, Vita
Tal-Khanapur, Dist-Sangli 415311

Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor in Botany
Balwant College, Vita
Tal. Khanapur, Dist. Sangli
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Fax: : (02347) - 272096
E-mail : shankar_ms24@rediffmail.com

Outward No.: 018 / 2023-24

Date: 26/01/2024


AUTHENTICATION CERTIFICATE

This is to certify that, the herbarium specimen submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. RAV001) by Ms Riya Avdhut Vernekar student of Yashwantrao Bhonsale college of pharmacy, Sawantwadi for the botanical authentication were identified and confirmed as

Sp. No.	Botanical Name	Name of family	Drug Name
RAV001	<i>Tamarindus indica</i> L.	Caesalpiniaceae	Tamarind seed polysaccharide

She has selected their research topic for Master of pharmacy degree is entitled as "Formulation and characterization of mucoadhesive buccal patch using natural polysaccharide". This herbal drug sample is used for above study.




Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Moorthy in Singh et al. Fl. Maharashtra 1: 794. 2000.

Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor in Botany
Balwant College, Vita
Tal. Khanapur, Dist. Sangli
Pin - 415 311 (MS) India.



Phone: Off.: (02347) - 272096
Mobile: : 09421106829; 8329800041
Fax: : (02347) - 272096
E-mail : shankar_ms24@rediffmail.com

Outward No.: 017 / 2023-24


Date: 5th April 2024

CERTIFICATE

This is to certify that, the plant material submitted in the museum of Department of Botany, Balwant College, Vita Dist. Sangli (Specimen No. SSM001) by Miss Savita Shivaji Mali from Adarsh College of Pharmacy, Vita is identified and authenticated as:

Sp. No.	Botanical Name	Family
SSM001	<i>Delonix regia</i> (Bojer ex Hook.) Raf.	Caesalpiniaceae




Dr. Shankar M. Shendage
M.Sc., Ph.D., M.B.A., FIAAT
Associate Professor
Department of Botany
Balwant College, Vita (Sangli)

Ref.: Moorthy in Singh et al. Fl. Maharashtra I: 803. 2000.

Received
Savita



ADARSH COLLEGE OF PHARMACY, VITA

Gat No. 421/2, Near MIDC Khambale (Bha), Tal - Khanapur Dist - Sangli, Pin 415311

Approved by - AICTE, PCI, New Delhi, Govt. of Maharashtra, DTE, Mumbai
Affiliated to-Shivaji University, Kolhapur & Dr. Babasaheb Ambedkar Technological University, Lonere



Dr. Niranjan S. Mahajan
Principal

Hon. Adv. Vaibhav S. Patil
President

Hon. Adv. Sadashiv H. Patil
Founder

Ref. No. ACOP/Office Letter/ 7097/2023-24

Date: 05/04/2024

To,

The Head of Department,

Balwant College, Vita

Subject: Authentication of Plant material

Dear Sir,

With reference to above mentioned subject, we would like to inform you that we are catering M. Pharm course in Pharmacology. Our students Miss. Savita Shivaji Mali is working on the topic "Study of pharmacological activity of indigenous plant in lab animals". We will be very much thankful to you if you could authenticate plant material. We will acknowledge your support and contribution in dissertation topic So, it's kind request you to authenticate the sample of plant material. We will acknowledge your support and contribution in dissertation topic.

So, it's kind request you to authenticate the sample of plant material.

Thanking you,

Yours faithfully,



Principal

Adarsh College of Pharmacy, Vita
Tal- Khanapur, Dist- Sangli 415 311