



ARYA College of Pharmacy

(Affiliated to RUHS, Jaipur • Approved by PCI, AICTE, New Delhi)

• S.P.- 40, Kukas Industrial Area (RIICO) Jaipur - 302028
• Ph.: 0141-5148801, 5148802, 5148803

• Website : www.aryapharmacyjpr.com
• Fax : 01426-510040

Grants & Funds Received from Various Sources

S.No.	Name of the Organizations	Project Name	Type	Project Sanction Date	Duration of the Project	Amount (in Rs.)	Status
01.	Dekho Network Pvt. Ltd.	Digital Stethoscope	Research Work	12-01-2022	02 Years	5,40,000	On-going
02.	Dekho Infotech Pvt. Ltd.	Portable Medical Device	Research Work	15-12-2021	01 Year	44,400	Completed
03.	Axico HealthCare Pvt. Ltd.	Pharmacological Activities for Ayurveda Product	Research Work	03-12-2021	02 Years	4,00,000	On-going
04.	Dekho Infotech Pvt. Ltd.	Bionic Hand	Research Work	08-10-2019	01 Year	77,515	Completed
05.	Dekho Network Pvt. Ltd.	Diagnostic Therapeutic Machine	Research Work	10-10-2017	01 Year	17,000	Completed

Gandam



Pvt. Ltd.

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018

Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2021/11/-13

Date: 15.11.2021

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Kind. Atten. : Dr. Vandana Sharma

Sub: - Research Work.

Dear Sir/Madam

We are Dekho Network Pvt Ltd., Jaipur one of the leading Medical Device Manufacturing Company.

We would like to offer the research work on “Digital Stethoscope” which will be help full for medical field to investigate the various test.

We would like your department to take up this research work.

Waiting your early response

Thanking you.

Yours faithfully,

For DEKHO NETWORK PVT. LTD.


Auth. Signatory

For Dekho Network Pvt Ltd.



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• Website : www.aryapharmacyjpr.com
• Fax : 01428-510040

Ref: ACP/RC/2021-22/15

Date: 12.01.2022

To,

The Director Technical,

Dekho Infotech Pvt Ltd.

Jaipur - Rajasthan

Sub: - Acceptance of Grant Research work

Ref Letter No. Ref: DEKHONET/2021/11/-13 dated 15.11.2021

Dear Sir,

We are pleased to write this letter of acceptance in response to your proposal research work on "Digital Stethoscope". We are happy to get associated with your esteemed company.

We would share our faculty Dr Ram Garg, Asso. Professor, Pharmacology, and facilities in the department for a successful completion of the research work.

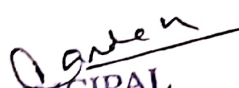
We are looking forward at your convenience for the preparatory work after our initial discussion.

Thank you.

With best Regards

Thanking you.

Yours faithfully,


Principal
Arya College of Pharmacy
Delhi Road, RIICO Industrial Area
Kukas, JAIPUR

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018

Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2021/12/-12

Date: 14.12. 2021

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/2021-22/45 dated 12.01.2022

Kind. Atten. : Dr. Ram Garg, Asso. Professor, Pharmacology

Sub: - Sanctioned Amount toward Research work.

Dear Mam,

We would like to inform you that the proposal submitted by you for the research work of “Digital Stethoscope” Digital Stethoscope” which will be help full for medical field to investigate the various test has been accepted by the company.

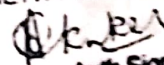
Here we are pleased to inform that very soon we will sanction a sum of Rs. 540000/ (Rs. Five Lac Forty Thousand) toward the Research work of Digital Stethoscope.

Thanking you.

Yours faithfully,

For Dekho Network Pvt Ltd.

For DEKHO NETWORK PVT. LTD.


Auth. Signatory

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018
Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2022/11/-8

Date: 02.11.2022

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/2021-22/15 dated 12.01.2022

Kind. Atten. : Dr. Ram Garg, Asso. Professor, Pharmacology

Sub: - Progress Report for Research work Digital Stethoscope

Dear Mam,

Above cited subject that Mr. Ajay Saini, Technical Head, visited to your institute to meet Dr. Ram Garg Project investigator for work progress.

As per the previously submitted report of progress by Dr. Ram Garg in previous visit about 45 % of the research work was completed.

This is request to you to complete the given grant project within the scheduled time.

Thanking you.

Yours faithfully,

For Dekho Network Pvt Ltd.

For DEKHO NETWORK PVT. LTD.

(Signature)
Auth. Signatory



Digital Stethoscope Report to Dekho Network Pvt. Ltd. Prepared by Dr.

Ram Garg (Head Investigator)

Part A

Project Title: Digital Stethoscope

Broad Area: Medical science

Total Cost of Project: Rs. 600000/-

Sanction Cost to Arya College: Rs. 5,40,000/- (Development and Testing)

Project Duration: 2 year

Institutions and Organisation: Arya College of Pharmacy, Jaipur

Participants:

1. Dr. Ram Garg

Investigators:

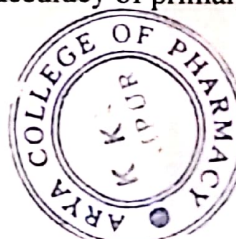
1. Dr. Ram Garg, Department of Pharmacology, ACP
2. Dr. Ajay Saini, Technical Head, Dekho Network
3. Ms. Rakshita Garg, Department of Pharmacology, ACP

Name and Address of the Research Institute interested in the outcome of Project: Arya College of Pharmacy, Kookas

Summary of the Project:

Advantages

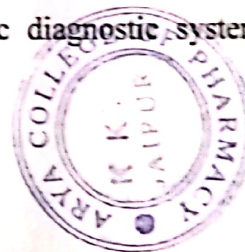
This system play a very important role in the diagnosis process, the chest piece and the connecting cable are known to facilitate transmission of pathogens from patient to patient and from patient to the user. Valvular heart disease is a significant problem. The primary care physician initially does assessment through auscultation. Accuracy in classification of sounds is suboptimal. Technological advances have paralleled an increase in referral for Doppler echocardiography and a decrease in auscultator skill. An increase in the referral of functionally innocent heart murmurs has contributed to the increasing cost of care. A computer-aided analysis has been used to improve the accuracy of primary care





Part B

- 1. Objective of the project:** Patients face many barriers to accessing care. Appointment availability, travel and mounting out of pocket costs can cause patients to delay and even avoid needed care. Development of cardiac diagnostic system are used to listen acoustic signals from the internal organs of the human body. This system play a very important role in the diagnosis process, the chest piece and the connecting cable are known to facilitate transmission of pathogens from patient to patient and from patient to the user. Valvular heart disease is a significant problem. The primary care physician initially does assessment through auscultation. Accuracy in classification of sounds is suboptimal. Technological advances have paralleled an increase in referral for Doppler echocardiography and a decrease in auscultator skill. An increase in the referral of functionally innocent heart murmurs has contributed to the increasing cost of care. A computer-aided analysis has been used to improve the accuracy of primary care physicians. A remote centralized computer-aided analysis could provide physicians with an additional tool in the assessment of heart murmurs, especially in settings without access to echocardiography Replacing the connecting cable with a wireless system may help reduce the potential risk and further allow broadcasting of the signals to multi-users for examination. This proposal is related on the design of a two-piece Bluetooth-based wireless system that eliminates the connecting cables in electronic cardiac system. The design consists of a Bluetooth based integrated chest-piece module for captured acoustic sound transmission and a microcontroller-based head-piece receiver module for decoding the data for the three operational modes of the acoustic cardiac diagnostic system. The design was first tested using a chirp signal source with frequency of 10 Hz – 5 kHz. Results obtained for the three operational frequency bands of the cardiac system were consistent with the expected behavior of the smart system, this smart system which can help and provide all information to patients from their body on mobile and web server, this system helpful for patients to increases quality of health and protect from disease using artificial intelligence system able to diagnose disease at initial stage .
- 2. Application of the development:** A novel design idea of integrating wireless Bluetooth technology into a two-piece electronic acoustic cardiac diagnostic system has been



Raj



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presented. Bluetooth protocol is known for its effectiveness in short range peer-to-peer communication and can therefore offer short range high efficiency data transfer in a simple device. To demonstrate the operational capability of the proposed device, a numerical model of the system was created. Results showed that it is possible for wireless data to be broadcast to multi head-piece sets and the various operational modes selected for evaluation with the aid of a microcontroller. Preliminary implementation of



Rosy

Ref: DEKHOINFO/2021/12/-10

Date: 07.12. 2021

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Jaipur – 302028- Rajasthan

Kind. Atten. : Dr. Vandana Sharma,

Sub: - Research Work.

Dear Sir/Madam

We are Dekho Infotech Pvt Ltd., Jaipur one of the leading AI Automation Solution, Medical Device Manufacturing Company.

We would like to offer the research work on “Portable Medical Device” which work on various modules of mobile app to read the health value such post-acute, rehabilitation, and chronic cases of the device.

We would like your department to take up this research work.

Waiting your early response

Thanking you.

Yours faithfully,



For DEKHO INFOTECH PVT. LTD.

Auth. Sign.

For Dekho Infotech Pvt Ltd.



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• Fax : 01428-510040

Ref: ACP/RC/2021-22/10

Date: 15.12.2021

To,

The Director Technical,

Dekho Infotech Pvt Ltd.

Jaipur - Rajasthan

Sub: - Acceptance of Grant Research work

Ref Letter No. Ref: DEKHOINFO/2021/12/-10 dated 07.12.2021

Dear Sir,

We are pleased to write this letter of acceptance in response to your proposal research work on "Portable Medical Device". We are happy to get associated with your esteemed company.

We would share our faculty Dr. Mukesh Sharma, Asso. Professor, P' Chemistry, and facilities in the department for a successful completion of the research work.

We are looking forward at your convenience for the preparatory work after our initial discussion.

Thank you.

With best Regards

Thanking you.

Yours faithfully,

Principal
ARYA College of Pharmacy
Delhi Road, RIICO Industrial Area
Kukas, JAIPUR

Ref: DEKHOINFO/2021/12/-18

Date: 23.12. 2021

To,
The Principal
Arya College of Pharmacy
SP – 40, Kukas Industrial Area (RIICO)
Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/2021-22/10 dated 15.12.2021

Kind. Atten. : Dr. Mukesh Sharma, Asso. Professor, P' Chemistry

Sub: - Sanctioned Amount toward Research work.

Dear Mam,

We would like to inform you that the proposal submitted by you for the research work of "Portable Medical Device" which work on various modules of mobile app to read the health value such post-acute, rehabilitation, and chronic cases of the device has been accepted by the company.


Here we are pleased to sanction a sum of Rs. 44400/ (Rs. Forty four Thousand) toward four Hundred) the Research work of Portable Medical Device.

Thanking you.

Yours faithfully,

For Dekho Infotech Pvt Ltd.

For DEKHO INFOTECH PVT. LTD.

 Auth. Sign.

Ref: DEKHOINFO/2022/07/-4

Date: 12.07.2022

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC//2021-22/10 dated 15.12.2021

Kind. Atten. : Dr. Mukesh Sharma, Asso. Professor, P' Chemistry

Sub: - Progress Report for ongoing Research work Portable Medical Device

Dear Mam,

This is the reference to above cited subject that Dr. Pramod Sharma ,technical head, visited to your institute to meet Dr. Mukesh Sharma Project investigator for work progress.

As the Previously submitted progress report by investigator in previous visit about 70 % of the grant work was completed.

This is request to you to complete the given grant project within the scheduled time as mentioned in our letter.

Thanking you.

Yours faithfully,

For Dekho Infotech Pvt Ltd.

For DEKHO INFOTECH PVT. LTD.

Auth. Sign.



Ref.: ACP/RC/2022-23/12

Date: 02.01. 2023

Cover Letter

Director

Dekho Infotech Pvt. Ltd

Jaipur, Rajasthan

January 02, 2023

Dear Sir,

I'm very pleased to enclose Portable Medical Device Completion report.
Dr. Mukesh Sharma, Dept. of P' Chemistry (Head Investigator)
completed the project work as per research norms and MoUs

Thank you for your time and attention.

Sincerely

Dr. Vandana Sharma
PRINCIPAL

Arya College of Pharmacy
Delhi Road, RIICO Industrial Area
Kukas, JAIPUR



Portable Medical Device Report to Dekho Infotech Pvt. Ltd.

Prepared by Dr. Mukesh Sharma (Head Investigator)

Part A

Project Title: PMD (Portable Medical Device)

Broad Area: Medical science

Total Cost of Project: Rs. 300000/-

Sanction Grant to Arya Pharmacy College: Rs. 44400/- (Evaluation Parameter Testing)

Project Duration: 1 year

Institutions and Organisation: Arya College of Pharmacy, Kukas

Participants:

1. Dr. Mukesh Sharma, Professor, Dept. of P' Chemistry

Investigators:

1. Mr. Shankar Lal Soni, Department of Pharmaceutics, ACP
2. Dr. Pramod Sharma, Technical Head, Dekho Infotech Pvt Ltd.
3. Ms. Shilpi Jain, Department of Pharmacology, ACP

Name and Address of the Research Institute interested in the outcome of Project:
Arya College of Pharmacy, Kukas

Summary of the Project:

Advantages

PMD is a Revolutionary kind of medical health machine cross which can be used for both the process of diagnosis and therapeutic for most common diagnosis in neck and PMD can be used for preventive measure Diagnostic therapeutic measure it integrated bi telemedicine and cloud based Technology Hardware costs are significantly lower than those of most other techniques.

1. Pulmonary Function Test
2. Cardiology Test





Part B

1. **Objective of the project:** Patients face many problems to accessing care. Appointment availability, travel and mounting out of pocket costs can cause patients to delay and even avoid needed care. We're revolutionizing the way you bring care to patients. Low-cost, fast-access retail and urgent care clinics offer compelling acute care options in the marketplace. With medical, health systems can compete – expanding their catchment area to surrounding towns and partnering with retailers to offer consumers a connection to downtown clinical staff.
2. **Application of the development:** Our virtual healthcare offers convenient, quality care—a true investigation and personal healthcare that reflects our dedication towards health profession.
3. **User and used agencies:** Manipal Hospitals, Jaipur
4. **Estimated Cost of the system after development:** 3 Lacs
5. **Cost of the Similar System:** 5-6 Lacs



Ref: DEKHOINFO/2023/01-10

Date: 05-01-2023

WORK COMPLETION CERTIFICATE

This is to certify that Arya College of Pharmacy, Jaipur has successfully completed the project "Portable Medical Device" funded by Dekho Infotech Pvt Ltd. The project is completed on 05/01/2023 successfully.

Thanking you and assuring you for our best services always.

Details of the sanctioned amount:

Release Date	Amount Sanctioned	Amount Released
06-January-2022	Rs. 44400/-	Rs. 44400/-

For DEKHO INFOTECH PVT. LTD.

Auth. Sign.

For Dekho Infotech Pvt Ltd.

ARYA COLLEGE OF PHARMACY

SP 40 RIICO INDUSTRIAL AREA KUKUS JAIPUR

Income & Expenditure Account for the year ending as on 31.03.2022

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Admission Promotion Exp.	252240.00	From Tuition Fee	31502218.00
Advertisement & Publicity Exp.	2723708.00	From Bus Fee	2319220.00
Affiliation Fee to University	992000.00	From Hostel Fee	6255900.00
Alumni Exp.	88255.00	From Interest on FDR	73244.00
AMC Exp.	129715.00	From Interest on Bank Others	256731.00
AMC Expenses Office Equipments	35500.00	From Interest on IT Refund	1728.00
AMC Expenses RO & STP	15600.00	From Alumni Contribution	50100.00
Audit Fee	70800.00	From Grants/Others Income	44400.00
Bank Charges A/c	8794.85		
Building Safety Certificate Exp.	25000.00		
Covid 19 Exp.	18600.00		
Class Room Exp.	191210.00		
Conference Exp.	38165.00		
Conveniences Exp.	107850.00		
Depreciation A/c	2770601.00		
Diwali Function Exp.	72978.00		
Education Fair Exp.	81465.00		
Electricity Exp.	529172.00		
Exam & Enroll Exp.	46960.00		
Faculty & Student Uniform Exp.	418500.00		
Faculty Welfare Exp.	178376.00		
Function Exp.	166260.00		
Fire Safety Certificate Exp.	25000.00		
Freight & Cartage Exp.	1200.00		
Gardening & Green Initiative Exp.	105945.00		
Hostel Exp.	76353.00		
Inspection Charges	14869.00		
Insurance Exp. A/c	270958.00		
ISO Certificate Exp.	21000.00		
Laboratory Exp.	96800.00		
Lab Consumable Exp.	108417.00		
Lab Equipment Exp.	218543.00		
Lab Internet Exp.	53100.00		
Labs Computer Lab Exp.	163850.00		
Legal & Professional Fee	25039.00		
Balance Carried Forward	10142823.85	Balance Carried Forward	40503541.00

AS per report of even date attached
for Ravindra Shah & Co.
Chartered Accountants
FRN 004140C

(Ravindra Shah)
Proprietor
M NO 73035

Date: 29-09-2022

Place: Alwar

UDIN: 22073035AWVJVN2666



Arya College of Pharmacy

Arvind Agarwal
(Dr. Arvind Agarwal)
DIRECTOR



Quality Product

Axico Healthcare Pvt. Ltd.

CIN : U85100DL2014PTC263334, GST No.: 07AAMCA3350J1ZM

Add.: A-23, Vijay Enclave, Dabri Palam Road, New Delhi-110045

Ph.: 011-25390131, +91-9205476287, 9971999867

E-mail: axico.in@gmail.com, Website: www.axicohealthcare.com

(All ISO, GMP, WHO Approved)

Ref. No.: AXICO/2021/AU4-25

Date: 18-08-2021

Dear Sir/ Madm,

We, Axico Ayurveda are the proud vertical of Axico Healthcare Pvt Ltd. Our philanthropical thirst has pulled us into the field of health, and Ayurveda has become the tool for quenching it. Blending of Ancient wisdom & modern technology has become our work culture. With in-depth expertise in Ayurveda, we are enhancing our capacity to cater the whole spectrum of this medicine system. The journey for providing holistic solution at affordable price and accountability has become our success mantra. We are enriched & powered by a highly motivated work force and for them the wellness of mankind is a challenge and they are committed to overcome it. A strong R&D has improvised our formulations and in the process of continual improvement we are in the course of progressive evolution day by day and each coming day is making us more strong, accountable and trend setter. We are determined to spread the light of this nearly five thousand old heritage of Ayurveda and become a strong tool in transforming the ailments of mankind and achieve the mantra of Sarve Santu Niramaya. Our all the policies are governed by this central thought. Our blend of modern science & Ayurveda has made it more understandable. One of salient feature of Axico Ayurveda is to provide modern science base to old formulations and making them more effective. Complying to our brand promise of being dedicated to the wellness of human being in terms of preventives & correctives, Axico Healthcare is pledged to maintain its innovation considering the unmet & future challenges of healthcare needs across the globe.

As we are dealing in ayurveda products and our products are also approved by authorized agencies. For some validation and research purpose we require to determine some additional pharmacological activities of our established products. As your institute has approved animal house by CPCSEA and approved research centre by Rajasthan University of Health Sciences. Please submit research project proposal on our products, our company will sponsor these projects (up to 400000/-).

Thanks and Regards

Axico Health Care Pvt Ltd

WZ-6, Lajwanti Garden, Jail Road, New Delhi



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• Website : www.aryapharmacyjpr.com
• Fax : 01426-510040

Ref: ACP/RC/2021-22/06

Date: 03.12.2021

To,

The Director,

Axico HealthCare Pvt Ltd.

Delhi

Sub: - Acceptance of Grant Research work

Ref Letter No. Ref: AXICO/2021/AUG-25 dated 18.08.2021

Dear Sir,

We are pleased to write this letter of acceptance in response to your proposal research work on "Pharmacological Activities for Ayurveda Product". We are happy to get associated with your esteemed company.

We would share our faculty Dr Ram Garg, Asso. Professor, Pharmacology, and facilities in the department (Animal House) for a successful completion of the Activity research work.

We are looking forward at your convenience for the preparatory work after our initial discussion.

Thank you.

With best Regards

Thanking you.

Yours faithfully,


Principal
ARYA College of Pharmacy
40 Road, RICO Industrial Area
Kukas, JAIPUR

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Ayurveda Products Evaluations and Pharmacological Report to Axico Pvt. Ltd.
Prepared by Dr. Ram Garg (Head Investigator)

Part- A

Project Title: Ayurveda Product Evaluation

Total Cost of Project: Rs. 400000/-

Sanction Cost of Project to Arya College: Rs. 400000/- (Evaluation test)

Project Duration: Two Year

Institutions and Organisation: Arya College of Pharmacy, Kookas

Participants:

1. Dr. RamGarg

Investigators:

1. Mr. Ashok Kumar Sharma, Department of Pharmaceutics, ACP

Name and Address of the Research Institute interested in the outcome of Project: Arya
College of Pharmacy, Jaipur





Ayurveda Products Evaluations and Pharmacological Report to Axico Pvt. Ltd. Prepared by Dr. Ram Garg (Head Investigator)

EVALUATION OF NEEM & APRICOT SCRUB INTRODUCTION

Skin is the one of the largest organ of body. It serves as a major protective organ for other body parts. Skin functions as a protective wrapper, keeping everything beneath it and keep safe from daily threats such as the harsh effects of sun, wind and pollution germ filled grime. The skin supports its own ecosystem of microorganism, including yeast and bacteria, which cannot be removed by any amount of cleaning. Skin is also a sensory organ, which indicates the health of individual. It consists of material such as amino acid, lipid and carbohydrate etc. so that a balanced nutrition is required for skin to keep it glossy, clean and clear and healthy. Cosmetics are defined as the products used for the purposes of cleansing, beautifying, promoting attractiveness or alternating the appearance. From the ancient time, different herbs are used for cleaning, beautifying and to manage them. Face skin is the major part of the body, which indicates the health of an individual. Skin care is very important to make it healthy and fresh; there are so many market preparations for skin care. Skin care is at the interface of cosmetics and dermatology but skin care differs from dermatology, it does not require any medical professional's expertise.

EVALUATION PARAMETER OF FACIAL SCRUB-

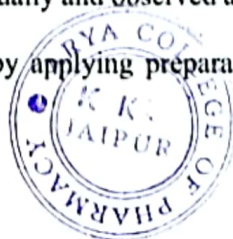


Formulation was tested for physical appearance, color, texture, odor, pH, viscosity, irritability, washability, homogeneity, extrudability and spreadability.

1. Organoleptic properties-

A) **Colour**- The color of formulation was checked manually and observed as creamish white.

B) **Odour**- The smell of formulation was checked by applying preparation on hand and feels the fragrance of perfume.





c) **Consistency-** The consistency of the formulation and particles were used to check the texture and homogeneity of preparation on the skin such as stiffness, grittiness, greasiness effect. Preparation found semi-solid in nature.

d) **Homogeneity and texture-** It was tested by pressing a small quantity of the formulated scrub between the thumb and index finger.

2. Washability- This test was performed directly on skin, preparation applied on skin and wash with normal water, after washing clean and clear skin observed.

3. pH- pH of 1% aqueous solution of formulation was measured by using a calibrated digital pH meter and result found 7.5

4. Viscosity- For Viscosity measurement, Brookfield viscometer "Helepath Spindle A-91" used, and result observed as 6960-7100cps at 10 rpm.

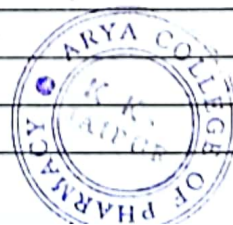
5. Extrudability- It is usual empirical test to measure the force required to extrude the material from tube. More quantity extruded, better the extrudability. The formulation under study was filled in a clean, aluminum collapsible tube with nozzle tube of 5mm opening and applies pressure on tube by the help of finger. Tube extrudability was then determined by measuring amount of formulation extruded through the tip when the pressure was applied on tube.

6. Spreadability- Spreadability of the formulations was determined by measuring the spreading diameter by keeping 1 g of sample between two horizontal glass plates (10 cm × 20 cm). The standard weight 20 gm applied on the upper glass plate. The spreading quality checked by visual inspection.

7. Skin irritation- Small quantity of the preparation was applied on the dorsal part of hand and kept for few minutes and found to be non-irritant, No redness and edema or any other adverse effect.

RESULTS

S.N.	Parameters	Observation
1	Colour	Creamish white
2	Odour	Characteristic as Rose
3	Consistency	Good
4	Homogeneity and texture	Good
5	Washability	Easily washable
6	pH	7.5
7	Viscosity	6960-7100 cps at 10 rpm
8	Extrudability	Easily extruded
9	Spreadability	Easily spread
10	Skin Irritation	Non Irritant





FORMULATION AND EVALUATION OF HERBAL SHAMPOO

INTRODUCTION

Shampoos are most probably used as cosmetics. It is a hair care product that is used for cleaning scalp and hair in our daily life. Shampoos are most likely utilized as beautifying agents and are a viscous solution of detergents containing suitable additives preservatives and active ingredients. It is usually applied on wet hair, massaging into the hair, and cleansed by rinsing with water. The purpose of using shampoo is to remove dirt that is build up on the hair without stripping out much of the sebum. Many synthetic shampoos are present in the current market both medicated and non medicated; however, herbal shampoo popularized due to natural origin which is safer, increases consumer demand and free from side effects.

A shampoo is basically a solution of a detergent containing suitable additives for other benefits such as hair conditioning enhancement, lubrication, medication etc. Now-a-days many synthetic, herbal, medicated and non medicated shampoos are available in the market but popularity of herbal shampoo among consumers is on rise because of their belief that these products being of natural origin are safe and free from side effects. Synthetic surfactants are added to shampoo primarily for the foaming and cleansing action but their regular use leads to dryness of hairs, hair loss, irritation to scalp and eyes. Herbal formulations are considered as alternative to synthetic shampoo but formulating cosmetics using completely natural raw material is a difficult task. There are large numbers of medicinal plants which are reported to have beneficial effects on hair and are commonly used in formulation of shampoo

BENIFITS OF HEARBAL SHAMPOO

1. More Shine
2. Less Hair Loss
3. Long Lasting Color
4. Stronger and More Fortified Hairs
5. All Natural, No Chemicals
6. Won't Irritate Skin or Scalp
7. Keep Healthy Natural Oil

FUNCTION OF HEARBAL SHAMPOO

- Lubrication





- Conditioning
- Hair Growth
- Maintenance of Hair Colour

DESIRED PROPERTIES OF HERBAL SHAMPOO

1. Ease of Application
2. Removal of More Debris
3. Easy Wet Combing
4. Fragrance
5. Low Level of irritation
6. Well Preserved
7. Good Stability

INGREDIENTS

- Soap nut extract-0.5g
- Senna-0.5g
- Aloevera-0.5g
- Gelatin-1g
- Lemon juice-q.s
- Rose oil-q.s
- Bhringraj extract-0.5g
- Amla-0.5g
- Shikakai-0.5g
- Hibiscus-0.5g
- Bhringraj extract-0.5g
- Senna-0.5g
- Aloevera-0.5g
- Gelatin-1g
- Lemon juice-q.s
- Rose oil-q.s

EVALUATION OF HERBAL SHAMPOO

The Product was evaluated for product performance which includes organoleptic characters, pH, physicochemical characterization, and for solid content. To guarantee the nature of the items, particular tests were performed for surface tension, foam volume, foam stability, and wetting time using standard protocol.

Visual assessment





The Product was assessed for color, clarity, odor, and froth content. pH determination – The pH of the prepared herbal shampoo in distilled water (10% v/v) was evaluated by means of pH analyzer at room temperature .

Surface tension measurement

The shampoo was evaluated for surface tension using stalagmometer in room temperature.

Testing of wetting

Wetting time was calculated by noting the time required by the canvas paper to sink completely [3]. A canvas paper weighing 0.44 g was cut into a disc of diameter measuring 1-inch. Over the shampoo (1% v/v) surface, the canvas paper disc was kept and the time taken for the paper to sink was measured using the stopwatch

Foam stability test

The stability of the foam was determined using cylinder shake method. About 50 ml of formulated shampoo (1%) solution was taken in a graduated cylinder of 250 ml capacity and shaken for 10 times vigorously. Foam stability was measured by recording the foam volume of shake test after 1 min and 4 min, respectively. The total foam volume was measured after 1 min of shaking.

Dirt dispersion test

To 10 ml of refined water two drops of cleanser were included and taken in a wide-mouthed test tube. To the formulated shampoo, added one drop of Indian ink and shaken for 10 min after closing the test tube with a stopper. The volume of ink in the froth was measured and the result was graded in terms of none, slight, medium, or heavy.

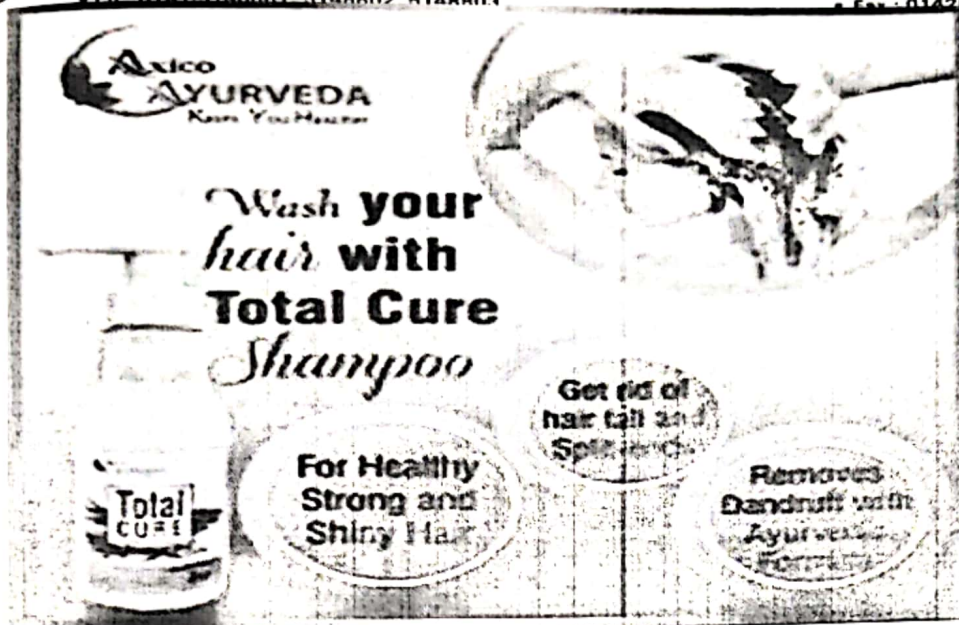
Conditioning performance evaluation

An artificial hair tress of Indian women was received from a salon and divided into two swatches of length 10 cm approximately, weighing 5 g. The control swatch was the one without washing and the test swatch using the shampoo was washed with. Each tress was added for 2 min to the combination of shampoo in water in the proportion 10:15 taken in a conical flask and washed using 50 ml of distilled water. Each tress was air dried at room temperature and the procedure was repeated for maximum of 10 times. The conditioning effect of the shampoo in terms of softness and smoothness was determined using a blind touch test using volunteers of student 20 numbers selected randomly. The conditioning performance of the shampoo was rated in terms of Score 1–4 (4 - excellent, 3 - good, 2 - satisfactory, and 1 - poor) by asking all the selected students to touch the tress washed with prepared shampoo.

LIMITATIONS OF HERBAL SHAMPOO

1. Natural products affect product uniformity, Quality control.
2. Seasonal variation of plant constituents.
3. Less stable, So preservatives should be added.
4. Vary in consistency from batch to batch





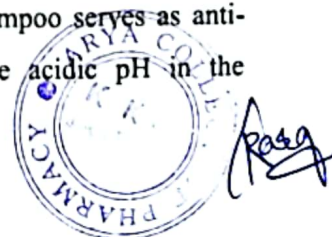
EVALUATION OF HERBAL SHAMPOO –

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RESULT – The above shampoo contains phytoconstituents like saponins which is a natural surfactant having detergent property and foaming property. An ideal shampoo must have adequate viscosity and many natural substances possess good viscosity. The gelatin solution (10%) behaves as a pseudoplastic forming clear solutions. Lemon juice (1 ml) added to the shampoo serves as anti-dandruff agent, natural antioxidant, and chelating agent and maintains the acidic pH in the formulation.





FORMULATION AND EVALUATION OF HERBAL BATH SOAP

INTRODUCTION

Human skin, the outer covering of the body constitutes the first line of defense protecting the body against various pathogens. As the skin interfaces with environment, it is constantly exposed to different environmental stimuli. This makes the skin damage prone. Severely damaged skin will often try to heal by forming scar tissue, which is often decolorized and depigmented. Plants have been used in the treatment of human diseases and infections since ages. The active constituents of plants can be formulated as ointment, cream, gel, lotion, soap, or crude/solvent extract. Utilization of plant extracts and their derived phytoconstituents have a likely future for controlling hyperpigmentation. Plant-based remedies mentioned in ayurvedic texts are gaining popularity these days in India due to validation of such therapies with respect to their modern counterparts. Soaps are one among the modern-day cosmetics for maintaining and enhancing the vigor of skin. Hence herbs mentioned under varnya in Ayurveda are selected for formulation.

PRODUCTS DESCRIPTION

It is a unique composition formulated for Acne skin and works as skin nourisher

Assessment of physicochemical properties of the formulated soap

Various physicochemical parameters were tested to confirm the quality of the soap.

Determination of clarity, color, and odor Color and clarity were checked against a white background by naked eyes and odor was checked by smelling.

PH

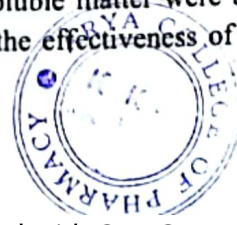
The pH of the prepared soap was assessed by touching a pH strip to the freshly formulated soap and conjointly by dissolving 1 g in 10 ml water with the help of digital pH meter.

Determination of percentage free alkali

About 5 g of sample was added to 50 ml of neutralized alcohol and was boiled for 30 min under reflux on a water bath, then cooled and to it 1 ml of phenolphthalein solution was added. It was then titrated immediately with 0.1 N HCl.

RESULTS

The physicochemical parameters such as color, odor, appearance, and pH were tested. The pH of the soap was found to be 8.2 with pH strip and 9 with pH meter. Remaining parameters such as foam height, foam retention, percentage free alkali, TFM, moisture content, and alcoholinsoluble matter were also determined. In addition, thumb impression test was carried out to investigate the effectiveness of the formulated soap taking a commercial soap as standard.



Handwritten signature



ARYA College of Pharmacy

(Affiliated to RUHS, Jaipur • Approved by PCI, AICTE, New Delhi)

• S.P.- 40, Kukes Industrial Area (RIICO) Jaipur - 302028
• Ph.: 0141-5148801, 5148802, 5148803

• Website : www.aryapharmacyjpr.com
• Fax : 01428-510040

**Table 1: Physicochemical properties of the
formulated herbal soap**

Color	Odor	Appearance	pH	Moisture content (%)	Foam height	Foam retention	% free alkali	Alcohol-insoluble matter	Total fatty matter
Penny brown	Fragrant	Clear	8.2	5.4	10	7.8	0.21	21.6	77





FORMULATION AND EVALUATION OF HERBAL BATH SOAP

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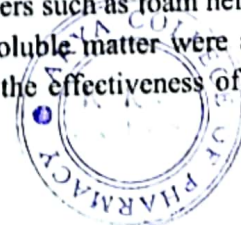
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• Fax : 01426-510040

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ANTI-ACNE SYNERGISTIC HERBAL FACE WASH GEL

INTRODUCTION

The skin is the largest organ of the body, accounting for about 15% of the total adult body weight. It performs many vital functions, including protection against external physical, chemical, and biologic assailants, as well as prevention of excess water loss from the body and a role in thermoregulation. To keep skin healthy, clear and glossy, a balanced nutrition is required. Apart from the balanced nutrition, hormonal changes especially during the puberty in both sexes cause many changes in the body. Among various changes, Acne vulgaris is the most common. Acne vulgaris is a common skin condition with substantial cutaneous and psychologic disease burden. The pathogenesis of acne is a result of multifaceted processes within the pilosebaceous unit resulting in bacterial overgrowth and inflammation. This condition typically develops at the time of the pubertal transition when changes in the body's hormonal milieu alter pilosebaceous gland function. Initially, follicular epithelial cells differentiate abnormally and form tighter intracellular adhesions and, therefore, are shed less readily. The problem of acne vulgaris and to get rid of use of synthetic drugs such as clindamycin, a synergistic anti acne face wash gel has been formulated.



PRODUCTS DESCRIPTION

It is a unique composition formulated for Acne skin and works as skin nourisher

Characterization and Evaluation of Gel

The prepared face wash gel was evaluated for various parameters.

Colour

The colour of the face wash gel was visually analyzed.



Odour

The formulation was evaluated for its odour by smelling it.

Consistency

It was determined manually.

Viscosity

Viscosity of the gel was determined using Brookfield viscometer. The values obtained for the sample and for water were noted down.

Spreadability

The spread ability of the gel was found manually by applying the gel on the skin with gentle rub.

Washability

The product was applied on hand and was observed under running water.

Foamability

Small amount of gel was taken in a beaker containing water. Initial volume was noted, beaker was shaken for 10 times and the final volume was noted. Foamability was also analysed by applying onto skin with contact with water.

Grittiness

The product was checked for the presence of any gritty particles by applying it on the skin.

RESULTS

Evaluation of Gel

1. Determination of Gel Viscosity

Viscosity of Face wash Gel

Formulation	Viscosity (cp)
Anti-acne Face Wash Gel	1748

2. Determination of pH, Physical properties Physical properties & pH of Face wash Gel

Physical parameters	Inference
Colour	Slightly yellowish
Odour	Sweet Lemon
Appearance	Translucent
Feel on application	Smooth & slippery
pH	6.20



3. Spreadability, Consistency, Washability, Foamability and Grittiness of Formulation.

Spreadability, Consistency, Washability, Foamability and Grittiness of face wash gel

Formulation	Spreadability (g.cm/sec)	Consistency (60sec)	Washability	Foamability	Grittiness
Anti-acne Face wash Gel	7.0	8 mm	Easily Washable	Foam volume 92ml at 5 minutes	No gritty particles
Marketed Face wash Gel	7.5	11 mm	Easily Washable	Foam volume 85ml at 5 minutes	No gritty particles

The values of Spreadability indicate that the face wash gel is easily spreadable by small amount of shear. Spreadability of marketed face wash gel was 7.5 g.cm/sec. The consistency reflects the capacity of gel, to get ejected in uniform and desired quantity when tube is squeezed. Consistency in terms of distance travelled by cone was between 7-8 mm of developed formulation as compared to 11 mm of marketed one. Consistency is inversely proportional to the distance travelled by falling cone. Hence, the consistency of face wash formulation was better as compared to that of marketed wash face gel. Developed anti-acne face wash gel showed foam volume of 92ml at 5 minutes and No gritty particles were observed in the formulation.

Based on the results of physicochemical evaluations (Viscosity, Spreadability, consistency, pH and accelerated studies) of the gel formulations, it was observed that the formulation was appropriate and it was further analysed for Consumer Acceptance Test.

Consumer Acceptance Test

Parameters evaluated by 40 consumers were noted and proportional representation is given below.

88% of the users were satisfied with the Appearance of the Face Wash Gel.

78% of the consumers were satisfied with the light foaming formed by the Face Wash.

92% users liked the natural fragrance i.e. Lemon characteristic Odour of Face Wash.

The After rinse-off feel by using the face wash gel was liked by 80% of the targeted consumers.

No skin irritation case was found during and after the use of the Face Wash Gel.

2% users were not satisfied with the Face Wash Gel



Ref: DEKHOINFO/2019/09/-15

Date: 05.09 2019

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Kind. Atten. : Dr. Vandana Sharma,

Sub: - Research Work.

Dear Sir/Madam

We are Dekho Infotech Pvt Ltd., Jaipur one of the leading AI Automation
Solution, Medical Device Manufacturing Company.

We would like to offer the research work on “Bionic Hand” which work will be
helpful for physical disable.

We would like your department to take up this research work.

Waiting your early response

Thanking you.

Yours faithfully,

For DEKHO INFOTECH PVT. LTD.


Auth. Sign.

For Dekho Infotech Pvt Ltd.



Ref: ACP/RC/2019-20/18

Date: 08.10.2019

To,

The Director Technical,

Dekho Infotech Pvt Ltd.

Jaipur - Rajasthan

Sub: - Acceptance of Grant Research work

Ref Letter No. Ref: DEKHOINFO/2019/09/-15 dated 05.09.2019

Dear Sir,

We are pleased to write this letter of acceptance in response to your proposal research work on "Bionic Hand". We are happy to get associated with your esteemed company.

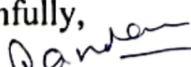
We would share our faculty Mr. Ramesh Pareek, Asso. Professor, Pharmaceutics, and facilities in the department for a successful completion of the research work.

We are looking forward at your convenience for the preparatory work after our initial discussion.

Thank you.

With best Regards

Thanking you.

Yours faithfully,


PRINCIPAL

Arya College of Pharmacy
Delhi Principal Industrial Area
Kukas, JAIPUR

Ref: DEKHOINFO/2019/10/-16

Date: 24.10. 2019

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/ 2019-20/18 dated 08.10.2019

Kind. Atten. : Mr. Ramesh Pareek, Asso. Professor, Pharmaceutics

Sub: - Sanctioned Amount toward Research work.

Dear Mam,

We would like to inform you that the proposal submitted by you for the research work of "Bionic Hand" which work will be helpful for physical disable has been accepted by the company.

Here we are pleased to sanction a sum of Rs. 77515/- (Rs. Seventy seven Thousand five hundred fifteen) toward the Research work of Bionic Hand.

Thanking you.

Yours faithfully,

For DEKHO INFOTECH PVT. LTD.

Auth. Sign.

For Dekho Infotech Pvt Ltd.

Ref: DEKHOINFO/2020/03/-5

Date: 11.03.2020

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/2019-20/18 dated 08.10.2019

Kind. Atten. : Mr. Ramesh Pareek, Asso. Professor, Pharmaceutics

Sub: - Regarding progress report for ongoing Research work.

Dear Mam,

This is reference to the above cited subject that our technical head, Dr. Pramod Sharma visited to your institute to meet Mr. Ramesh Pareek for work progress.

As the submission of progress report by investigator in previous visit about 65 % of the work was completed.

This is request to you to complete the project within the scheduled time.

Thanking you.

Yours faithfully,

For Dekho Infotech Pvt Ltd.

For DEKHO INFOTECH PVT. LTD.

Auth. Sign.





ARYA College of Pharmacy

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• Website : www.aryapharmacyjpr.com
• Fax : 01426-510040

Ref.: ACP/RC/2020-21/25

Date: 29.10.2020

Director

Dekho Infotech Pvt. Ltd

Jaipur, Rajasthan


October 29, 2020

Dear Sir,

I'm very pleased to enclose Bionic Hand Completion report. Mr. Ramesh Pareek, Dept. of Pharmaceutics (Head Investigator) completed the project work as per research norms and our MOUs.

Thank you for your time and attention.

Sincerely


PRINCIPAL
Dr. Vandana Sharma
College of Pharmacy
Bhi Road, RIICO Industrial Area
Jaipur

Principal



Bionic Hand Report to Dekho Infotech Pvt. Ltd. Prepared by Mr. Ramesh Pareek (Head Investigator)

Part- A

Project Title: Bionic Hand System

Broad Area: Medical science

Total Cost of Project: Rs. 400000/-

Sanction Cost of Project to Arya College: Rs. 77515/- (Evaluation and activity test)

Project Duration: One Year

Institutions and Organisation: Arya College of Pharmacy, Kookas

Participants:

1. Mr. Ramesh Pareek

Investigators:

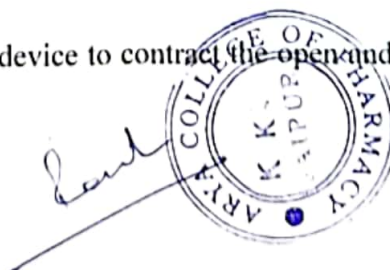
1. Mr. Ramesh Pareek, Department of Pharmaceutics, ACP
2. Dr. Pramod Sharma, Technical Head, Dekho Infotech Pvt. Ltd.
3. Mr. Dinesh Sharma, Department of Pharmaceutics, ACP

Name and Address of the Research Institute interested in the outcome of Project: Arya College of Pharmacy, Jaipur

Summary of the Project:

The Bionic Hand is controlled through the use of myoelectric signals, which uses the muscle signals in the patient's residual arm to move the Bionic Hand around. Electrodes are placed at two pre-determined muscle sites. The electrodes pick up the muscle signals when the patient contracts his/her muscles. These signals are then sent to a microprocessor which causes the device to move. The Bionic Hand has up to four different muscle triggers. The user can assign a grip to move the device to a certain position. These muscle triggers include.

1. **Hold open:** This option uses the open signal for a certain amount of time.
2. **Double impulse:** This option uses two quick open signals once the hand is opened completely.
3. **Triple impulse:** This option uses three quick open signals once the hand is opened completely.
4. **Co-contraction:** This allows the device to contract the open and close muscles at the same time.





Part B

1. **Objective of the project:** This Project Bionic Hand big revolution. The Bionic Hand has some features including a powered-rotating thumb and grip chips, which allows the user to communicate through Bluetooth for immediate grip access. The Bionic Hand revolution offers digit-by-digit grip strength and allows the user to customize grip strengths. Both whole hand solutions offer mobile device apps, giving the user access to different grip patterns.
2. **Application of the development:** A bionic arm works by picking up signals from a user's muscles. When a user puts on their bionic arm and flexes muscles in their residual limb just below their elbow; special sensors detect tiny naturally generated electric signals and convert these into intuitive and proportional bionic hand movement.
3. **User and used agencies:** Dekho Infotech Pvt. Ltd.
4. **Estimated Cost of the system after development:** 3.8 Lacs
5. **Cost of the Similar System:** 5-6 Lacs
6. **Technical details:** Bionic technology can be defined as the flow of concepts from engineering to biology and vice versa. Bionic devices such as prosthetic arms and prosthetic legs have even helped people with disabilities lead a normal life.

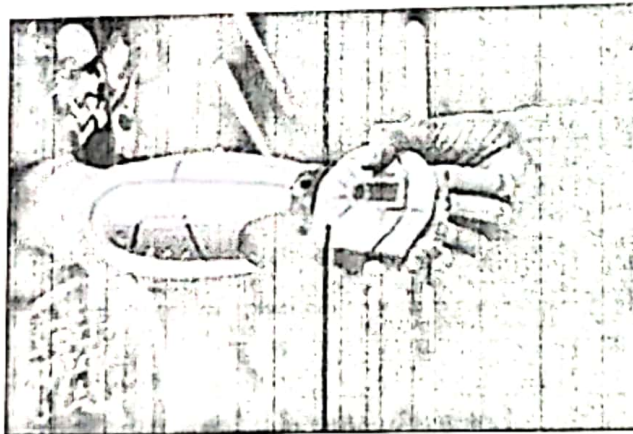


Fig: Bionic Hand



Ravi

Ref: DEKHOINFO/2020/11-8

Date: 03-11-2020

WORK COMPLETION CERTIFICATE

This is to certify that **Arya College of Pharmacy, Jaipur** has successfully completed the project **"Bionic Hand"** funded by **Dekho Infotech Pvt. Ltd.** The project is completed on 03/11/2020 successfully.

Thanking you and assuring you for our best services always.

Details of the sanctioned amount:

Release Date	Amount Sanctioned	Amount Released
04-February-2020	Rs.5000/-	Rs.5000/-
07-October-2020	Rs.72515/-	Rs.72515/-

For DEKHO INFOTECH PVT. LTD.

 Auth. Sign.

ARYA COLLEGE OF PHARMACY

SP 40 RIICO INDUSTRIAL AREA KUKUS JAIPUR

Income & Expenditure Account for the year ending as on 31.03.2020

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Admission Promotion Exp	79300.00	From Tuition Fee	19439674.00
Advertisement & Publicity Exp.	233000.00	From Bus Fee	417520.00
Affiliation Fee to University	3604000.00	From Hostel Fee	7221900.00
AICTE Approval Fee	330000.00	From Interest on FDR	217772.00
Audit Fee	35400.00	From Grants/Other Income	5000.00
Bank Charges	2840.02	From Alumni Contribution	21000.00
Books & Journals Exp.	249663.00		
Waste Mgmt. & Cleaning Sweeping Exp.	43170.00		
Computer Labs. Exp.	182318.00		
Conference Exp.	34850.00		
Conveyance Exps.	22890.00		
Depreciation	2472135.00		
Diwali Exp.	38500.00		
Education Fair Exp.	48500.00		
Electricity Exp.	1348987.00		
Faculty & Student Uniform Exp.	191350.00		
Fire Cylinder exp.	16500.00		
Fire Safety Certificate Charges	25000.00		
Freight & Cartilage exp.	14560.00		
Function Exp.	105130.00		
Gardening & Green Initiative Exp.	16500.00		
Generator Running Maintenance	48500.00		
Hostel Exp.	103450.00		
Insurance Exp.	138300.00		
Interest on Security Deposit(Salary)	20000.00		
Lab Equipment Exp.	339078.00		
Legal & Professional Fee	15500.00		
Library Exp.	174250.00		
Membership Exp.	17700.00		
Balance Carried Forward	9951371.02	Balance Carried Forward	27322866.00

AS per report of even date attached
for Ravindra Shah & Co.

Chartered Accountants

FRN 004140C

(Signature)

(Ravindra Shah)

Proprietor

M NO 73035



Arya College of Pharmacy

(Signature)

(Dr. Arvind Agarwal)
DIRECTOR

Date: 09.01.2021

Place: Alwar

UDIN: 21073035AAAAAM9952

ARYA COLLEGE OF PHARMACY

SP 40 RIICO INDUSTRIAL AREA KUKUS JAIPUR

Income & Expenditure Account for the year ending as on 31.03.2021

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Admission Promotion Exp.	142500.00	From Tuition Fee	27356568.00
Advertisement & Publicity Exp.	1009592.00	From Bus Fee	58500.00
Affiliation Fee to University	801000.00	From Hostel Fee	1061850.00
AMC Exp.	131250.00	From Interest on FDR	209671.00
Alumni Exp.	35400.00	From Grants/Other Income	72515.00
Bank Charges A/c	6773.84	From Interest on IT Refund	403.00
Computer Lab. Exp.	85320.00	From Alumni Contribution	22500.00
Conference Exp.	25170.00		
Class Room Exp.	42150.00		
Conveyance Exp.	18450.00		
Covid-19 Items	4000.00		
Depreciation A/c	1828347.00		
Education Fair Exp.	41320.00		
Electricity Exp.	730010.00		
Faculty Welfare Exp.	48380.00		
Faculty & Student Uniform Exp.	80200.00		
Festival Exp. (Diwali)	55420.00		
Fire Cylinder Exp.	17255.00		
Freight & Cartage Exp.	16840.00		
Function Exp.	125950.00		
Gardening & Green Initiative Exp.	81272.00		
Generator Running Maintenance	25480.00		
Hostel Exp.	55480.00		
Balance Carried Forward	5407559.84	Balance Carried Forward	28782007.00

AS per report of even date attached
for Ravindra Shah & Co.
Chartered Accountants
FRN 004140C

(Signature)

(Ravindra Shah)
Proprietor
M NO 73035



Arya College of Pharmacy

(Signature)
(Dr. Arvind Agarwal)
DIRECTOR

Date: 08/01/2022

Place: Alwar

UDIN: 22073035AAAAAR3694



Pvt. Ltd.

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018
Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2017/09/-10

Date: 04.09 2017

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Kind. Atten. : Dr. Vandana Sharma

Sub: - Research Work.

Dear Sir/Madam

We are Dekho Network Pvt Ltd., Jaipur one of the leading Medical Device Manufacturing Company.

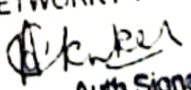
We would like to offer the research work on “Diagnostic Therapeutic Machine” which work on various modules of mobile app to read the health value such post-acute, rehabilitation, and chronic cases of the device.

We would like your department to take up this research work.

Waiting your early response

Thanking you.

Yours faithfully,

For DEKHO NETWORK PVT. LTD.

Auth. Signatory

For Dekho Network Pvt Ltd.



Ref: ACP/RC/2017-18/10

Date: 10.10.2017

To,

The Director Technical,

Dekho Network Pvt Ltd.

Jaipur - Rajasthan

Sub: - Acceptance of Grant Research work

Ref Letter No. Ref: DEKHONET/2017/09/-10 dated 04.09.2017

Dear Sir,

We are pleased to write this letter of acceptance in response to your proposal research work on "Diagnostic Therapeutic Machine". We are happy to get associated with your esteemed company.

We would share our faculty Mr. Shankar Lal Soni, Asso. Professor, Pharmaceutics, and facilities in the department for a successful completion of the research work.

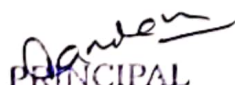
We are looking forward at your convenience for the preparatory work after our initial discussion.

Thank you.

With best Regards

Thanking you.

Yours faithfully,


Principal

Arya College of Pharmacy
Delhi Road, RIICO Industrial Area
Kukas, JAIPUR

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018
Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2017/11/-8

Date: 06.11. 2017

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/2017-18/10 dated 10.10.2017

Kind. Atten. : Mr. Shankar Lal Soni, Asso. Professor, Pharmaceutics

Sub: - Sanctioned Amount toward Research work.

Dear Mam,

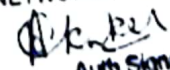
We would like to inform you that the proposal submitted by you for the research work of “Diagnostic Therapeutic Machine” which work on various modules of mobile app to read the health value such post-acute, rehabilitation, and chronic cases of the device has been accepted by the company.

Here we are pleased to sanction a sum of Rs. 17000/ (Rs. Seventeen Thousand) toward the Research work of Diagnostic Therapeutic Machine.

Thanking you.

Yours faithfully,

For DEKHO NETWORK PVT. LTD.


Auth. Signatory

For Dekho Network Pvt Ltd.

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018
Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2017/07/-5

Date: 10.07.2018

To,

The Principal

Arya College of Pharmacy

SP – 40, Kukas Industrial Area (RIICO)

Delhi Road, Jaipur – 302028- Rajasthan

Ref Letter No. : ACP/RC/2017-18/10 dated 10.10.2017

Kind. Atten. : Mr. Shankar Lal Soni, Asso. Professor, Pharmaceutics

Sub: - Progress Report for Research work Diagnostic Therapeutic Machine

Dear Mam,

Above cited subject that Mr. Aditya Kukar , Head of Department, visited to your institute to meet Mr. Shankar Lal Soni Project investigator for work progress.

As per the previously submitted report of progress by Mr. Shankar Lal Soni in previous visit about 90 % of the research work was completed.

This is request to you to complete the given grant project within the scheduled time as mentioned.

Thanking you.

Yours faithfully,

For DEKHO NETWORK PVT. LTD.

Auth. Signatory

For Dekho Network Pvt Ltd.



Ref.: ACP/RC/2018-19/12

Date: 14.12. 2018

Cover Letter

Director

Dekho Network Pvt. Ltd

Jaipur, Rajasthan

December 14, 2018

Dear Sir,

I'm very pleased to enclose Diagnostic Therapeutic Machine Completion report.
Mr. Shankar Lal Soni , Dept. of Pharmaceutics (Head Investigator) completed the project work as per research norms.

Thank you for your time and attention.

Sincerely

Dr. Vandana Sharma
Principal
ARYA College of Pharmacy
Dehi Road, RIICO Industrial Area



Diagnostic Therapeutic Machine Report to Dekho Network Pvt. Ltd.

Prepared by Mr. Shankar Lal Soni (Head Investigator)

Part A

Project Title: DTM (Diagnostic Therapeutic Machine), Telemedicine

Broad Area: Medical science

Total Cost of Project: Rs. 200000/-

Sanction Cost for Project to ACP College: Rs. 17000/- (Activity Evaluation)

Project Duration: One year

Institutions and Organisation: Arya College of Pharmacy, Jaipur

Principal Participants:

1. Mr. Shankar Lal Soni, Asso. Professor , Dept. of Pharmaceutics, ACP

Investigators:

1. Mr. Shankar Lal Soni, Department of Pharmaceutics, ACP
2. Mr. Aditya Kukar, Technical Head Dekho Network Pvt. Ltd , Jaipur
3. Mr. Ramakant Tyagi, Department of Pharmaceutics, ACP

Name and Address of the Research Institute interested in the outcome of Project: Arya College of Pharmacy, Kookas

Summary of the Project:

Advantages

DTM is a Revolutionary kind of medical health machine cross which can be used for both the process of diagnosis and therapeutic for most common diagnosis in neck and DTM can be used for preventive measure Diagnostic therapeutic measure it integrated bi telemedicine and cloud based Technology Hardware costs are significantly lower than those of most other techniques.

1. ENT Test
2. Pulmonary Function Test
3. Cardiology Test
4. General Health Test





6. Diabetic Test

Part B

1. **Objective of the project:** Patients face many barriers to accessing care. Appointment availability, travel and mounting out of pocket costs can cause patients to delay and even avoid needed care. Medico care removes these barriers by bringing healthcare to where patients are. By logging onto the web or opening an app, a patient chooses a licensed, credentialed physician for a live, face-to-face immediate or scheduled visit. And now, with the introduction of our virtual healthcare kiosks, this quick and simple access can be introduced to any worksite, retail, college or community location without the cost and staffing woes of traditional on-site clinics. Enclosed and freestanding models both include the touchscreen interface and integrated biometric and remote monitoring devices – no staff required. We're revolutionizing the way you bring care to patients. Low-cost, fast-access retail and urgent care clinics offer compelling acute care options in the marketplace. With Medico care telehealth kiosk, health systems can compete – expanding their catchment area to surrounding towns and partnering with retailers to offer consumers a connection to downtown clinical staff.

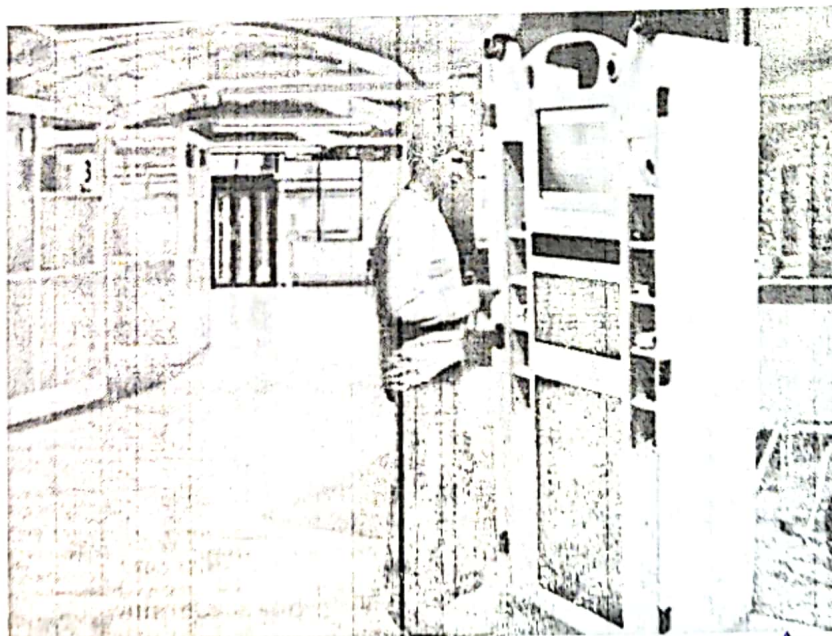


Fig: DTM System



Handwritten signature



ARYA College of Pharmacy

(Affiliated to RUHS, Jaipur • Approved by PCI, AICTE, New Delhi)

• S.P.- 40, Kukas Industrial Area (RIICO) Jaipur - 302028

• Website : www.aryapharmacyjpr.com

2. **Application of the development:** Our virtual healthcare kiosk offers convenient, quality care—a true integration of telehealth and personal healthcare that reflects our

dedication to expanding patient access, providing high-quality care, and reducing medical costs. Patients connect with providers face-to-face via video screen, receiving individualized care right in their neighbourhood.

3. **User and used agencies:** Manipal Hospitals, Jaipur

4. **Estimated Cost of the system after development:** 2 Lacs

5. **Cost of the Similar System:** 3-4 Lacs

6. **Technical details:** Retail outlets use on-site care to improve brand awareness and increase footfall. However, staffed clinics can be expensive and wasteful. It's hard to match provider supply to consumer demand. But not anymore – our virtual healthcare kiosk lets retailers' partner with providers to offer valuable healthcare services without extensive overhead. Following Step Are used in it.

- **Sign up:** Give us some information about yourself, set up your public profile, and let us know where to direct payment. Signing up is quick and easy.
- **Get paid:** Your earnings are directly deposited into your account. You get paid per visit, which means you control your additional income.
- **See patients:** Use your computer, iPad or iPhone to see patients for on-demand or scheduled visits. Consult, document and prescribe right in our platform.





Pvt. Ltd.

Head OFFICE

T1-T3, Lower Ground Floor, Manglam Jaipur Electronics Market, Ridhi Sidhi
Chouraha, Goplapura Bye Pass Road, Jaipur-302018
Toll Free: 1800-1026-126 | Website: www.dekho.co

Ref: DEKHONET/2018/12-5

Date: 18-12-2018

WORK COMPLETION CERTIFICATE

This is to certify that **Arya College of Pharmacy, Jaipur** has successfully completed the project "**Diagnostic Therapeutic Machine**" funded by **Dekho Network Pvt. Ltd.** The project is completed on 18/12/2018 successfully.

Thanking you and assuring you for our best services always.

Details of the sanctioned amount:

Release Date	Amount Sanctioned	Amount Released
06-March-2018	Rs. 10,000/-	Rs. 10,000/-
10-April-2018	Rs. 7,000/-	Rs. 7,000/-

For DEKHO NETWORK PVT. LTD.

Auth. Signatory

ARYA COLLEGE OF PHARMACY

SP 40 RIICO INDUSTRIAL AREA KUKUS JAIPUR

Income & Expenditure Account for the year ending as on 31.03.2018

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Affiliation Fee to University	1000500.00	From Tuition Fee	10879000.00
Admission Exp.	43000.00	From Interest on FDR	272838.00
Audit Fee	30000.00	From Bus Fee	332937.00
Bank Charges A/c	6595.20	From Hostel Fee	2932000.00
Conference Exp.	130200.00	From Alumni Contribution	10000.00
Depreciation A/c	1168072.00	From Grants/Other Income	10000.00
Electricity Exp.	1714519.00		
Faculty & Student Uniform Exp.	153240.00		
Function Exp.	52135.00		
Gardening & Green Initiative Exp	133500.00		
Insurance Exp. A/c	70674.00		
Labs Exps.	237680.00		
Library Books A/c	52810.00		
Library Exp.	11500.00		
Mess Exp.	1597850.00		
Office Exp.	14030.00		
Printing & Stationery A/c	29424.00		
Repair & Maintenance Exp. A/c	155193.00		
Research & Development Exp	72500.00		
Salary Exp. A/c	8553362.00		
Student Welfare	21000.00		
Tour & Travelling Exp.	31791.00		
Training & Placement Exps.	62570.00		
Waste Mgmt. & Cleaning And Sweeping Exp	55680.00		
Deficit -Excess Expenditure over Income	-961050.20		
Balance Carried Forward	14436775.00	Balance Carried Forward	14436775.00

AS per report of even date attached
for Ravindra Shah & Co.
Chartered Accountants

(Ravindra Shah)
Proprietor

Date: 27.09.2018
Place: Alwar



Arya College of Pharmacy

Arvind Agarwal
(Dr. Arvind Agarwal)
DIRECTOR

ARYA COLLEGE OF PHARMACY

SP 40 RIICO INDUSTRIAL AREA KUKUS JAIPUR

Income & Expenditure Account for the year ending as on 31.03.2019

EXPENDITURE	AMOUNT	INCOME	AMOUNT
Admission Promotion Exp	65000.00	From Tuition Fee	14813518.00
Advertisement & Publicity Exp.	246552.00	From Bus Fee	345000.00
Affiliation Fee to University	1221500.00	From Hostel Fee	4833250.00
Audit Fee	35400.00	From Interest on FDR	201548.00
Bank Charges	3725.00	From Grants/Other Income	7000.00
Waste Mgmt. & Cleaning Sweeping Exp.	128005.00	From Alumni Contribution	15000.00
Conference Exp.	50000.00		
Depreciation	1681094.00		
Education Fair Exp.	32140.00		
Electricity Exp.	1632925.00		
Faculty & Student Uniform Exp	214299.00		
Gardening & Green Initiative Exp	225000.00		
Insurance Exp.	121339.00		
Interest on Tds Late Payment	4000.00		
Library Books	68985.00		
Labs Exps.	350750.00		
Periodical & Generals	13570.00		
Mess Exp.	3154252.00		
Office Exp.	17920.00		
Printing & Stationery Exp	75852.00		
Repair & Maintenance Building	921702.00		
Repair & Maintenance Electrical	210180.00		
Repair & Maintenance Exp.	770801.00		
Research & Development Exp.	70480.00		
Salary Exp.	9783392.00		
Staff Welfare	56510.00		
Training & Placement Exps.	70955.00		
Tour & Travelling Exp.	151390.00		
Deficit -Excess Expenditure over income	-1162402.00		
Balance Carried Forward	20215316.00	Balance Carried Forward	20215316.00

AS per report of even date attached
for Ravindra Shah & Co.
Chartered Accountants
FRN 004140C

(Ravindra Shah)
Proprietor
M NO 73035



Arya College of Pharmacy

Arvind Agarwal
(Dr. Arvind Agarwal)

Date: 22.10.2019
Place: Alwar