

**Bapusaheb Dipak Patil**(B.Com.)
President**Smt. Kamaltai P. Patil**

Hon. Secretary

Dr. Sunil P. Pawar(M.Pharm., Ph. D.)
Principal**2.3- Teaching- Learning Process**

2.3.1	Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences	
Sr.no	Details of Documents	Page. no
A	Experimental Learning	
1.	Hands-on Learning:	2
2	Project Base learning:	3-6
3.	Industrial Learning:	7
B.	Participative learning:	
1.	Avishkar Participation	8-9
2.	Webinar/Seminars	10-13
3.	Awareness Programs	14-16
4.	Field Visit	17
C.	Problem solving methodology	
1.	Tutorial:	18-19
2.	Publication	20-25



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SHAHADA-425409, Dist. NANDURBAR

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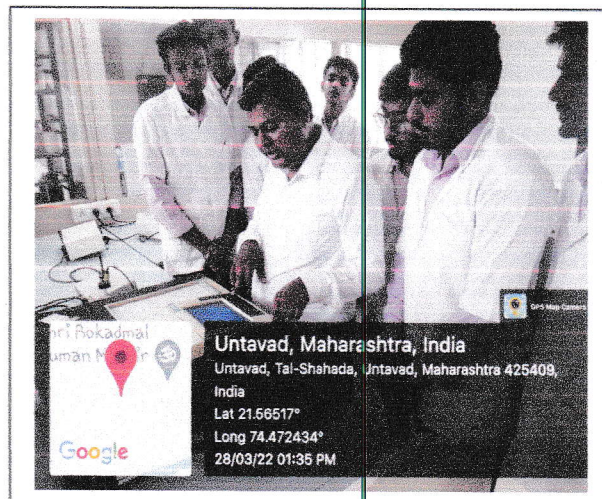
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Principal

A. Experimental Learning

1. Hands-on Learning:

B. Pharmacy & M. Pharmacy students are gaining the knowledge of theory & practical as a part of curriculum. Faculty has design various experiments according to the syllabus assign by KBCNM University, Jalgaon. Practical scheduled as per the scheduled time, through the experiments students gain practical knowledge about the handling of animals, UV- Visible spectrophotometer, Dissolution test Apparatus, Tablet compression machine, actophotometer etc.



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Principal**2. Project Base learning:**

B. Pharmacy & M. Pharmacy students are gaining the knowledge through project base learning. As per the curriculum of CGPA & PCI syllabus, guide assign to group of students for respective subject research work.

Academic year: - 2020-21

Sr. No.	Name of Students	Title of Projects	Name of Guides
1	Marathe Darshan S. Joshi Sohan H. Jamadar Mayur R. Kamble Dinesh V. Mahire Rahul B.	Comparative study of some Covid-19 Vaccines.	Dr.J.K.Patil
2	Tatiya Aayushi Shantilal Beldar Aasim Jahangir Chaudhari Digvijay Bharat Chaudhari Kunal Rajendra Chaudhari Monik Kishorbhai	Review on Phytosome	Prof.H.S.Hasni
3	Patil Puja Shankar Suryawanshi Puja Lilachand	Gene delivery system challenge to conventional medicine	Dr.G.M.Chavan
4	Patil Tejaswini Rajendra Patil Vedashri Ganesh Patil Vrushali Kishor	Covid vaccine : A challenge to all variant of coronavirus	Dr.G.M.Chavan
5	Patel Bilal Ahemad Alim Patel Chetan Sharadbhai Patel Rahul Sharad	Mucormycosis	Dr.H.P.Suryawanshi
6	Padvi Dhirsing Rota Patel Trusharkumar Ambalal	A review on Covid- 19	Dr.H.P.Suryawanshi
7	Chaudhari Ankita Pramod Chaudhari Bhagavati Ramakant Chaudhari Gayatri Prakash Chaudhari Rajashri Pralhad Chaudhari Sakshiben K.	A review on various activities of Neem	Dr. S.A. Patil
8	Patel Yash Pravinbhai Patil Akshay Sanjay Patil Dhiraj Panditrao Patil Gaurav Dilip Patil Gaurav Rajendra	Review on Transdermal patches	Mr.S.A.Tadavi
9	Patil Harshal Dattu Patil Jagdish Subhash Patil Jatin Sharad Patil Khagendra Bhatu	A review on changing scenario of packaging in pharmaceutical industry	Mr.V.H.Jain

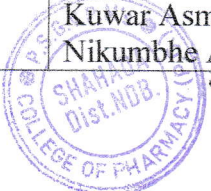
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	Patil Kishor Ravindra		
10	Patil Kunal Ashok Patil Kunal Vijay Patil Lalit Narottam Patil Mayur Ramrao Patil Nayan Laxman	Review on recent trends in pharmaceutical packaging	Mr. Y.B. Rokade
11	Chaudhari Vanita Narottam Chavhan Prajakta Ganesh Gadhari Vaibhavi Sanjay Gadilohar Neha Sanjay Girase Pallavi Daulat	Project on sunscreen	Ms. S.G. Patil
12	Patil Shivam Jagannath Patil Suyog Suresh Patil Tejas Ambalal Patil Tushar Narottam Patil Tushar Ravindra	Formulation and evaluation of herbal cream	Mr. A.S. Jain
13	Patil Nikhik Mangesh Patil Nikhil Nitin Patil Nikhil Vinod Patil Nilesh Rajaram Patil Paresh Ravindra	A review on invivo screening methods of anti-inflammatory drugs an approach to herbal drugs	Mr. A.R. Dhankani
14	Patil Ritesh Pralhad Patil Rohit Hiralal Patil Sagar Limji Patil Sagar Vijay Patil Sandesh Ravindra	A review on novel routes of insulin for diabetes treatment	Mr. A.R. Dhankani
15	Patil Darshana S. Patil Devyani D. Patil Kalyani P. Patil Mamta A. Patil Neha P.	Effect of social Media on Cosmetic brand	Mrs. M.A. Dhankani
16	Chaudhari Prasad Prakash Harsola Chintan Sunil	Medical coding need of current ERA	Dr. G.M. Chavan
17	Patel Apekshaben Rajarambhai Patel Kiran Bhagwan Patel Puja Chhotulal Patil Bhagyashri Ambalal Patil Damini Mahendra	A review on role of nano technology in cosmeceuticals	Ms. P.K. Dusane
18	Chaudhari Paresh M. Girase Jayesh Komalsing Gosavi Gopal Mahajan	Severe acute respiratory syndrome	Dr. G.M. Chavan
19	Girase Tejasweeni H. Jagtap Dipika Rajendra Jain Twinkle Vijaykumar Kuwar Asmita Mahendra Nikumbhe Ashwini Rajendra	Nanomedicine : A modern approach	Mrs. A.N. Patil



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20	Patil Tushar Sanjay Patil Vishnu Kailasbhai Patil Yash Ambalal Patil Yash Ambalal Patil Yogesh Dilip	Production management in pharmaceutical industry.	Mr. H.S. Chaudhari
21	Pawara Sunil Dagadu Rajurkar Mayuresh Prakash Savle Rupesh Daulat Sharma Jitesh Manohar	An overview on marketing management planning and strategy	Mr. H.S. Chaudhari

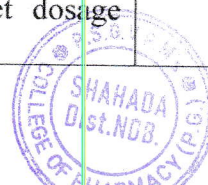
List of Projects II nd Year M. Pharm (Pharmaceutics) 2020-21

Sr. No	Name of Students	Title of Thesis	Name of Guide
1.	Chaudhari Nileshwari Prakash	Formulation of Apremilast loaded niosomal gel for transdermal drug delivery and it's in-vitro characterisation	Mr. S. A. Tadavi
2.	More Komal Rajendra	Formulation development and evaluation of Pheniramine Maleate in situ nasal gel	Mr. S. A. Tadavi
3.	Patel Chetan Ambalal	Formulation and evaluation of Atenolol floating nasal spray	Mr. S. A. Tadavi (Ms. S. G. Patil) Co-Guide
4.	Patil Harshada Pralhad	Formulation and evaluation of fast mouth dissolving film of Tenofovir Dosoproxil Fumarate	Mr. S. A. Tadavi (Ms. S. G. Patil) Co-Guide
5.	Pawara Rakesh Shikarsing	Formulation and evaluation of Tranexamic acid Microsponges for topical drug delivery system	Mr. S. A. Tadavi
6.	Ranalkar Mamata Dipak	Formulation development and evaluation of pentoxifylline nasal spray	Mr. S. A. Tadavi

List of Projects II nd Year M. Pharm (Pharmaceutical Quality Assurance) 2020-21

Sr. No.	Name of Students	Title of Thesis	Name of Guide
1.	Chitte Shubhangi Atmaram	Development and validation of UV-spectrophotometer and RP-HPLC method Sprafloxacin in bulk and tablet dosage form	Dr. S. P. Pawar (Mr. V. H. Jain) Co-Guide
2.	Kothari Ruchita Mangalchand	Development and validation of UV-spectrophotometer and HPLC method Nitazoxanide in bulk and tablet dosage form	Dr. J. K. Patil

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3.	Patel Pushparaj Manohar	Method development and validation of Promethazine in bulk and Tablet dosage form	Dr. S. P. Pawar (Mr. V. H. Jain) Co-Guide
4.	Patil Nayana Sudhakar	Analytical method development and validation of Venlafaxime Hydrochloride in bulk and solid dosage form using UV-spectrophotometer and RP -HPLC method	Dr. S. A. Patil
5.	Patil Punam Sharad	Method Development And Validation Of UHPLC Method Of Etoposide In Bulk Drug And Dosage Form	Dr. S. P. Pawar (Mr. V. H. Jain) Co-Guide
6.	Vable Kajal Rajendrabhai	Development and validation of UV-spectrophotometer and HPLC method Ecitalopram in bulk and tablet dosage form	Dr. S. P. Pawar (Mr. V. H. Jain) Co-Guide


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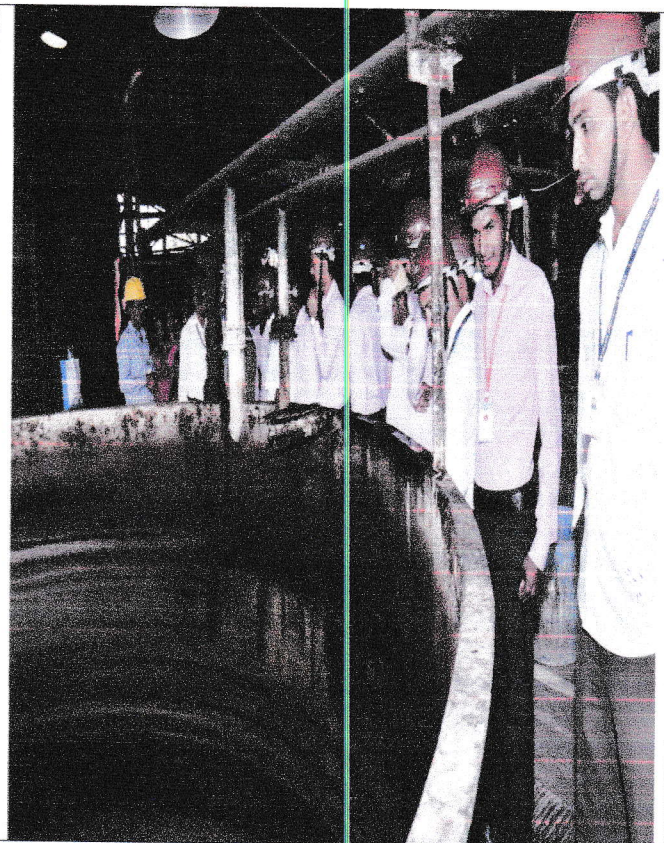
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2. Industrial Learning:

Industrial training, students undertake a period of training at an organization usually during a semester, act as an important part of curriculum to preparing a student for a professional carrier. With actively involved participated, students learn about the operational process of industry & skill set.

Every student admitted to B. pharmacy courses must have experience of industrial training & should have know about operational process of industry & gain information about various department like distillation process department, quality control department where analysis of product have been carried out.

Students visited to Distillery Unit, Satpuda Sahkari Sakhar Karkhana, Purushottam Nagar, Tal- Shahada Dist- Nandurbar & received hands on experience on distillation process.



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B. Participative learning:

1. Avishkar Participation

Students Participated & make a poster presentation in various programmes such as Avishkar, conference, Seminars & webinars etc.

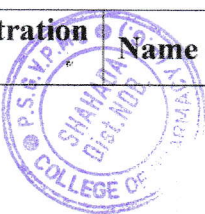


Avishkar Participation: AY:2019-20

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Sr. No.	Registration ID	Name of Participants	Roll No.	Title of Presentation
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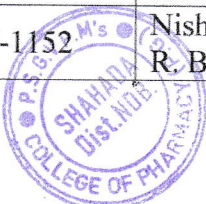


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1	AV-342	Patil Rhutik Sudam, Patil Prashant Anil,	Final year B. Pharm	Toyfuge: An ultra-low cost, hand powerd centrifuge inspired by the mechanics of a whirligig toy
2	AV-14	Nayana S. Patil, Krishna B. Patil,	Final year B. Pharm	Antimitotic Activity of Fruits of Momordica Dioica By Using Allium Cepa Root Tip Assay
3	AV-15	Bapurao Sopanrao Patange, Shubham Vikram More,	Final year B. Pharm	The rare group - Bombay Blood group
4	AV-35	Manoj K Chaudhari, Rahul	Final year B. Pharm	Anthelmentic activity of Tridax Procumbens Linn Leaves on Indian Earthworms
5	AV-36	Aishwarya S. Kabra, Bhavana U. Jain,	Third year B. Pharm	Bee Venom Used in Cancer Therapy
6	AV-45	Jain Lalit Ashokchand, Pawar Purushottam Dnyaneshwar	Final year B. Pharm	Nanorobotics in Pharmacy
7	AV-47	Khatri Kishankumar Devidas, Jadhav Mayur Ashok	Final year B. Pharm	Extraction of Pectine from Sunflower head (Best from waste)
8	AV-73	Chaudhari Pawan Sanjay, Gadilohar Navneet Ratnakar	Final year B. Pharm	Phyto Pharmacological evaluation of Acacia Nilotica
9	AV-76	Patel Harshali A., Girase Akshada A.,	Final year B. Pharm	A review of chemsrtty and potential activities of Benimidazole molecule
10	AV-77	Harsola Ragini K., Devare Rohini R.,	Final year B. Pharm	Synthesis and antitubercular activity of some novel 2-(4-Substituted Phenyl)-3- (4-Substituted Phenyl)-5- methylthiazolidin-4-ones
11	AV-83	Ranalkar Mamta Dipak, Bagul Swapnil Kantilal,	Final year B. Pharm	Evaluation of antiulcer activity of Alstonia Scholaris (L) R Br.
12	AV-85	Vasaikar Rupali Shantilal, Vasave Urmila Tukaram,	Final year B. Pharm	Study of CNS depressant activity of ethanolic ectract
13	AV-122	Chaudhari Nileshwari P, Patil Ashwini U.	Final year B. Pharm	Pharmacovigilance: An effective tools to keep awake or alert
14	AV-649	Bedse Ravina Narayan, Chaudhari Pooja Sujaram	Final year B. Pharm	Formulation and Evaluation of Probiotic chocolate from Aegle marmelos fruit
15	AV-701	Jayesh A. Patil, Darshankumar D. Jain,	Third year B. Pharm	Appetite-Regulation harmones block alcohol cravings
16	AV-981	Vasave Ranjit Dharamsing, Pawara Aaramsing Habjya	Third year B. Pharm	Formulation and evaluation of herbal shampoo powder
17	AV-1152	Nishant M. Patel, Rahul R. Borse	Third year B. Pharm	Roasted barley: A new contrast agent





2. Webinar/Seminars

Title Of Activity/Event: One Day National Level webinar on “Computer Aided drug delivery”

Date: 4/10/2021

Time: 10:00-1:00 p.m.

Venue: PSGVPM's, College of Pharmacy.

Resource Person: Dr. Vidya P. Sable, Dadasaheb Balpande College of Pharmacy, Besa-Nagpur

Dr. Ketan M. Ranch, L. M. College of Pharmacy, Navrangpura, Ahmadabad.

In Charge of Activity: Miss S. G. Patil & Mr. Sandip Amarsing Tadavi

Objective of Activity: To understand Computer aided drug delivery

No. of Participants: 250

Brief Description of Event: On 4 th Oct 2021, at Department of Pharmaceutics, PSGVPM's College of Pharmacy, shahada, organized One Day National Level webinar on “Computer Aided drug delivery” In this webinar two eminent speakers was invited Dr. Vidya P. Sable, Dadasaheb Balpande College of Pharmacy, Besa-Nagpur & Dr. Ketan M. Ranch, L. M. College of Pharmacy, Navrangpura, Ahmadabad. in this webinar near about 250 participants was registered. Dr. Vidya P Sable mam deliver a lecture on “Optimization Techniques of Dosage Form” Dr. Ketan M. Ranch sir deliver lecture on “Optimization technique by using DoE software” All participants awarded with Participation e-Certificate. All teaching staff are collectively put their efforts under the leadership of Miss S. G. Patil & Mr. Sandip Amarsing Tadavi, coordinator to make this program successful

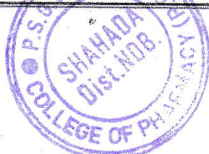
नंदुदुशनि

औषधनिर्माणशास्त्र महाविद्यालयात राष्ट्रीय वेबिनार

शहदा (प्रतिनिधी) - पूज्य साने गुरुजी विद्या प्रसारक मंडळाचे औषधनिर्माण शास्त्र महाविद्यालयात एक दिवसीय राष्ट्रीय पातळीवरील वेबिनारचे ऑनलाईन आयोजन करण्यात आले होते. सध्या जगात इंटरनेटचा वापर मोठ्या प्रमाणात होत आहे. त्याद्वारे महाविद्यालयाचे प्राचार्य डॉ. एस.पी. पवार यांनी राष्ट्रीय पातळीवरील वेबिनार ऑनलाईन पद्धतीने घेण्याचा निर्णय घेतला. यावेळी मंडळाची ओळख व प्रस्तावना वेबिनारचे संयोजक प्राचार्य डॉ. एस.पी. पवार यांनी केले. या ऑनलाईन वेबिनारचा विषय कॉम्प्युटर ऐडेड ड्रग डिलिव्हरी होता. यासाठी प्रमुख वक्ते म्हणून नागपुर, बेसा (महाराष्ट्र) येथील दादासाहेब बालपंडे कॉलेज ऑफ फार्मसीच्या प्रा.डॉ.विद्या प्रफुल्ल साबळे आणि अहमदाबाद, गुजरात येथील एल.एम. कॉलेज ऑफ फार्मसीचे सहयोगी प्रा.डॉ.केतन एम.रॉच यांनी मार्गदर्शन केले. सदर वेबिनार ३ तासांचा होता त्यात एक तासाचे दोन सत्र आयोजित करण्यात आले होते आणि त्यात सहभागींना प्रश्नोत्तरासाठी वेळ देण्यात आला होता. पहिल्या सत्रात डॉ. विद्या साबळे यांनी ऑप्टिमायझेशन टेक्निक इन फार्मास्यूटिकल फॉर्म्युलेशन यावर मार्गदर्शन करतांना सांगितले की, कॉम्प्युटर ऐडेड ड्रग डिलिव्हरीच्या साहाय्याने ऑप्टिमायझेशन पद्धतीचा वापर करून औषधांचे

फॉर्म्युलेशन चांगल्या पद्धतीने तयार करण्यास मदत होत असते आणि ते आपणास भविष्यात अजून नवीन संशोधन करण्यासाठी मदत करेल. संगणकाच्या माध्यमातून विविध सॉफ्टवेअरद्वारे नवीन फॉर्म्युलेशन तयार करण्यासाठी सूत्र तयार करण्याचा योग्य मार्ग आहे. फार्मास्यूटिकल क्षेत्रात ऑप्टिमायझेशन पद्धतीचा वापर करून तसेच नवनवीन तंत्रज्ञानाचा वापर करून नवीन फॉर्म्युलेशन तयार करण्यासाठी आपणास ऑप्टिमायझेशन पद्धत उपयुक्त ठरेल त्याचबरोबर डॉ.विद्या साबळे यांनी सॉफ्टवेअरची मूलभूत गरज आणि विविध तपशीलवार माहिती दिली. दुसऱ्या सत्रात डॉ.केतन रॉच यांनी फिक्सचर अगाऊट एक्सपेरिमेंट : ऑप्टिमल कंसाईन डिझाइन यावर सांगितले की, फार्मास्यूटिकल क्षेत्रात संगणकाच्या माध्यमातून विविध सॉफ्टवेअरद्वारे कमी वेळेत चांगल्या प्रकारचे औषध तयार करण्याकरिता सॉफ्टवेअरची गरज भासत असते आणि त्याद्वारे सॉफ्टवेअरच्या मदतीने नवीन औषधांचा शोध आणि विकासासाठी मूलभूत गोष्टी तसेच नवीन औषध विकासाच्या विविध नियामक आवश्यकता यावर मार्गदर्शन केले. फॅक्टोरियल प्रयोगांच्या डिझाइनसाठी वापरण्यात येणारे सॉफ्टवेअर वैज्ञानिक प्रयोगांमध्ये महत्वाची भूमिका बजावते आणि सांख्यिकीय आणि एकत्रित सिद्धांतापासून प्राप्त झालेल्या प्रयोग प्रक्रियेच्या डिझाइनच्या

अंमलबजावणीच्या मार्गाचे प्रतिनिधित्व करते. प्रयोगांची रचना (डीओई) हे ज्ञात इनपुट व्हेरिएबल्ससह प्रणालीचे कार्यप्रदर्शन दुसऱ्या ऑप्टिमायझ करण्यासाठी एक सांख्यिकीय तंत्र आहे आणि त्याच्या विविध पायऱ्या असून त्याद्वारे आपण करू शकतो. मिश्रण प्रयोगात, स्वतंत्र घटक म्हणजे मिश्रणाच्या विविध घटकांचे प्रमाण असते त्यात दोन घटक तीन घटकांचे मिश्रण त्यावर उदाहरणार्थ स्पष्ट केले. या वेबिनारमध्ये देशभरातून एकूण २५० पेक्षा जास्त सहभागींनी सहभाग नोंदवला होता. या वेबिनारमध्ये सहभागींना ऑनलाईन पद्धतीने त्यांच्या मेसवर प्रमाणपत्र देण्यात येणार आहे. या उपक्रमासाठी पूज्य साने गुरुजी विद्या प्रसारक मंडळाचे अध्यक्ष दिपक पाटील, उपाध्यक्ष जगदीश पाटील, मानद सचिव कमलताई पाटील, शैक्षणिक व सामान्य प्रशासन विभागाचे समन्वयक प्रा.मकरंद पाटील, प्राचार्य डॉ.एस.पी.पवार यांचे मार्गदर्शन लाभले. वेबिनारचे समन्वयक म्हणून प्रा.संदीप तडवी, प्रा.सुलभा पाटील यांनी काम पाहिले. वेबिनारसाठी प्रा.डॉ.जवेय पाटील, प्रा.डॉ.सुनिता पाटील, प्रा.अमित धनकानी, प्रा.मानसी धनकानी, प्रा.हितेंद्र चौधरी यांनी वेबिनार घेतले. वेबिनारचे शुभसंचालन प्रा.संदीप तडवी यांनी केले आणि प्रा.सुलभा पाटील यांनी मानले.



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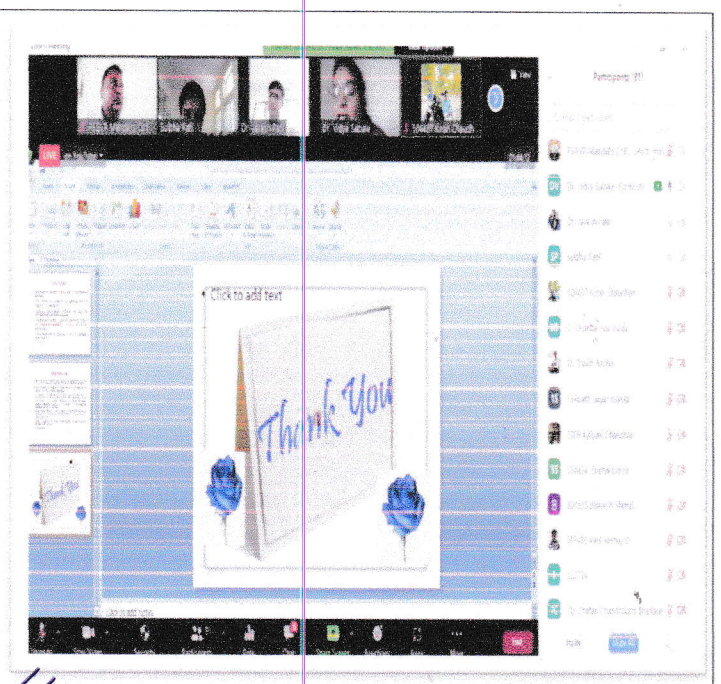
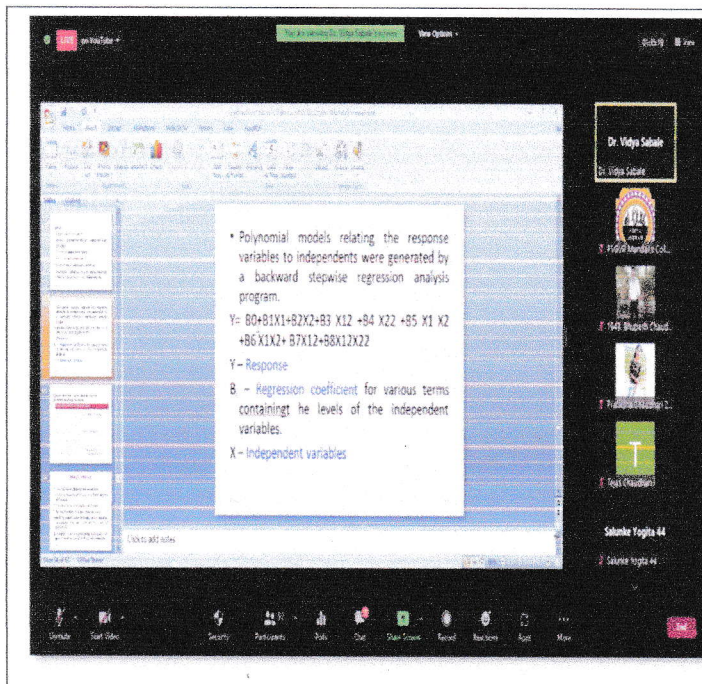
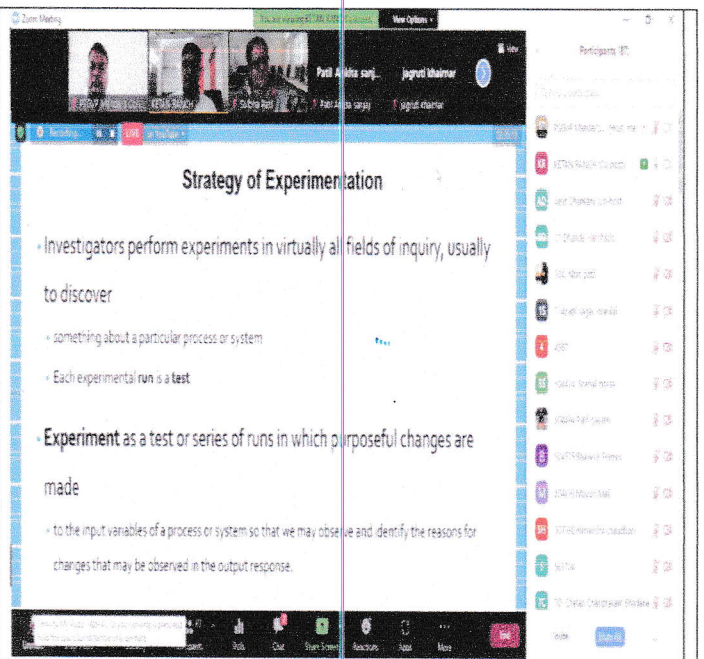
(B.Com.)
President

Smt. Kamaltai P. Patil

Hon. Secretary

Dr. Sunil P. Pawar

(M.Pharm., Ph. D.)
Principal



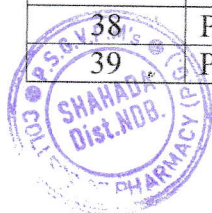
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President**Smt. Kamaltai P. Patil**

Hon. Secretary

Dr. Sunil P. Pawar(M.Pharm., Ph. D.)
Principal**List of Students Participated in one Day National webinar**

Sr. No.	Name of students	Class
1	Chaudhari Gopal Rutik	Second year B. Pharm
2	Patil bhagyashri Govind	Second year B. Pharm
3	Tejas Dhananjay Chaudhari	Second year B. Pharm
4	Jire Pallavi Bhilaji	Third year B. Pharm
5	Apurva Suresh Patel	Third year B. Pharm
6	Patil Kiran Prakash	Third year B. Pharm
7	Patil Roshan girdhar	Third year B. Pharm
8	Patel Bhagyashri Ambalal	Third year B. Pharm
9	Chaudhari yachika Dipak	Third year B. Pharm
10	Mansi shailendra patil	Third year B. Pharm
11	Patil suchita shantilal	Third year B. Pharm
12	Nikita Arjun Chaudhari	Third year B. Pharm
13	Patil Harshada Jagdish	Third year B. Pharm
14	Patil Gayatri Pandhrinath	Third Year B. Pharm
15	Patil Pranjal Gorakh	Third Year B. Pharm
16	Chaudhari Durgesh Purushottam	Third Year B. Pharm
17	Patil Payal Kishor	Third Year B. Pharm
18	Patil Himanshu Yogesh	Third Year B. Pharm
19	Chaudhari Neha Ashok	Third Year B. Pharm
20	Nikum Akanksha Purushottam	Third year B. Pharm
21	Marathe Gautam Sanjay	Third Year B. Pharm
22	Chaudhari Hemangi Somnath	Third year B. Pharm
23	Chaudhari Sakshi Bharat	Third year B. Pharm
24	Suryawanshi Harsha shantilal	Third year B. Pharm
25	Patil Piyush Mahendra	Third year B. Pharm
26	Chaudhari Kiran Vijay	Third Year B. Pharm
27	Patil Bhagyashri Sunil	Third year B. Pharm
28	Patil Neha Chandrashekhar	Third year B. Pharm
29	Marathe Varsha sanjay	Third year B. Pharm
30	Patil Shubham Vinayak	Final year B. Pharm
31	Patil Divyashree Kantilal	Final year B. Pharm
32	Patil Saurabh vitthal	Final year B. Pharm
33	Patil Gaurav Rajendra	Final Year B. Pharm
34	Patil Sagar Manilal	Final Year B. Pharm
35	Patil Nikita Limji	Final Year B. Pharm
36	Patil Shubham Ramesh	Final year B. pharm
37	More Sagar Anil	Final Year B. Pharm
38	Patil Himadri Ambalal	Final year B. pharm
39	Patil Ajay Ishwar	Final year B. pharm



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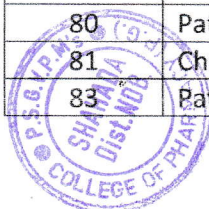
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Principal

40	Jayswal Samiksha Dilipkumar	Final year B. pharm
41	Chaudhari Himanshu	Final year B. pharm
42	Patel Arastu Chhotelal	Final year B. Pharm
43	Pinjari Naeem Jamil	Final year B. Pharm
44	Jagruti Satish Patil	Final year B. Pharm

Sr. No.	Name of students	Class
45	Patil Divyani Rajendra	Final year B. Pharm
46	Patil Bhagyashri sandip	Final year B. Pharm
47	Patil Neha kantilal	Final year B. Pharm
48	Patil Urvi pradip	Final year B. Pharm
49	Patil Tejaswini Dhanraj	Final year B. Pharm
50	Chaudhari Rajshri Pralhad	Final year B. Pharm
51	Patil Tejaswini Ambalal	Final year B. Pharm
52	patil Akshay daga	Final year B. Pharm
53	Patil puja shankar	Final year B. Pharm
54	Patil bhagyashri ambalal	Final year B. Pharm
55	Sukne Akash Dayanand	Final year B. Pharm
56	Patel Bhumika vilas	Final year B. Pharm
57	Jaiswal Roshani Pramod	Final year B. Pharm
58	Patel Devshree Yashwantbhai	Final year B. Pharm
59	Patel Ruchita Narendra	Final year B. Pharm
60	Patil Bhagyashri Sunil	Final year B. Pharm
61	Sonawane Rupali Ajit	Final year B. Pharm
62	Patil Yash Rajendra	Final year B. Pharm
63	Patil Vaishnavi rakesh	Final year B. Pharm
64	Patil mohini kantilall	Final year B. Pharm
65	Patil nikita vijay	Final year B. Pharm
66	Patil aachal dilip	Final year B. Pharm
67	Chaudhari jagruti shantilal	Final year B. Pharm
68	Patil vishakha girish	Final year B. Pharm
69	Patil rupali sunil	Final year B. Pharm
70	Chetan chandrakant bhadane	Final year B. Pharm
71	Patil vipul sunil	Final year B. Pharm
72	Himanshu dinesh patel	Final year B. Pharm
73	Ankita rajendra raut	Final year B. Pharm
74	Patel bilala ahmed alim	First year M. Pharm-PH
75	Patil jayesh a.	First year M. Pharm-PH
76	Vipul jagdish shimpi	Second year M. Pharm-PH
77	Vaishnavi jagannath patil	Second year M. Pharm-PH
78	Vaishnavi jitendra chaudhari	Second year M. Pharm- PH
79	Patil puja chamapalal	Second year M. Pharm-QA
80	Patil yash mukesh	First year M. Pharm-QA
81	Chavhan prajakta ganesh	First Year M. Pharm-QA
83	Patil yogesh ambalal	Second Year M. Pharm-QA

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Hon. Secretary

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Principal**3. Awareness Program about Mobile addiction****Date & venue:** 05/03/2019, Saptsrungi Temple (Shahada City)**Description of activity:**

In this program students participate & performed act on "Effect of Mobile addiction & online games", games such as PUBG, Freefire, GTA, etc. So many young generations playing a game, that will impact on the mental health & psychological effect. The rally was inaugurated by Mr. Manoj Khairnar sir, Tahsildar, Shahada & in Mr. Rahul Wagh, Chief Officer, Municipal Corporation, Shahada. An objective of the rally is to make aware the disadvantages of uses of mobile phone, playing games in mobile. The rally on mobile addiction was concluding by. Dr. B. D. Patel, Sushrut Nursing Home, at Municipal Corporation, Shahada.


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Principal

Swachha Bharat Mission: Poster Presentation, Rally & Street act.

Date & venue: 09/02/2018, Dr. CD. Shah Hall

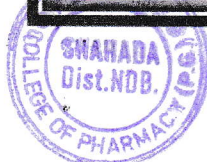
Date & Venue: 16/02/2018, Saptsrungi Temple (Shahada City)

Description of activity:

Prof. S. S. Bhande, Prof. Dr. A. H. Jobanaputra & Mrs. Urmila Ram Jadhav were the evaluators for this program and they evaluated the posters & Slogun presented by the students on "Swachh Bharat Mission".

On 16/02/2018, PSGVPM's College of Pharmacy Shahada, Organized "Swachh Bharat Mission" Rally. Poster used in rally were selected from "Swachh Bharat Mission" Poster Presentation Competition.

This program was inaugurated by Mr. Manoj Khairnar, Tahsildar, Shahada in the presence Bapusaheb Dipakbhai Patel, President, PSGVP Mandal Shahada. Students of B. Pharmacy & D. Pharm were participated in rally & B. Pharm Students were present street Act on "Swachh Bharat Mission". Students were participated to clean area of f Shahada Municipal Corporation.



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Principal

PSGVP's COLLEGE OF PHARMACY, SHAHADA, DIST. NANDURBAR

SLOGAN & POSTER COMPETITION (09/02/2018)

On

1 Organ Donation Awareness

2 Swachh Bharat Abhiyan

ATTENDANCE REPORT FOR POSTER COMPETITION

POSTER NUMBER	NAME OF STUDENT	YEAR	SIGN
01	1) Shubham Wankar Shubham Wankar	2 nd year	Shubham
02	2) Manisha Komal Dabhi	2 nd year	Manisha
03	3) Manisha Parkash Dabhi	2 nd year	Manisha
04	4) Parvati Bajirao Jadhav	1 st year	Parvati
05	5) Parvati Harshada Ashok	1 st year	Parvati
06	6) Sanjay Mayur Ashok	3 rd year	Sanjay
07	7) Manisha Komal Dabhi	2 nd year	Manisha
08	8) Parvati Harshada Ashok	1 st year	Parvati
09			
10			
11			
12			

PSGVP's COLLEGE OF PHARMACY, SHAHADA, DIST. NANDURBAR

SLOGAN & POSTER COMPETITION (09/02/2018)

On

1 Organ Donation Awareness

2 Swachh Bharat Abhiyan

ATTENDANCE REPORT FOR SLOGAN COMPETITION

SLOGAN NUMBER	NAME OF STUDENT	YEAR	SIGN
01	1) Parvati Ashok Parkash	Final year	Parvati
02	2) Chaudhari Harshada A.	2 nd year	Chaudhari
03	3) Bedse Ravina H.	3 rd year	Bedse
04	4) Vasankar Rupali S.	3 rd year	Vasankar
05	5) Girase Akshada Ajabsing	1 st year	Girase
06	6) Parvati Harshada Ashok	1 st year	Parvati
07	7) Sanjay Mayur Ashok	3 rd year	Sanjay
08	8) Girase Akshada Ajabsing	1 st year	Girase
09	9) Volavi Manishi Pooja	1 st year	Volavi
10	10) Volavi Sanjay Manisha	1 st year	Volavi



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4. Field Visit:

Hospital visit, students undertake a hospital visit at a Dr. B. D. Patil's Sushrut Nursing Home, Khetiya Road, Shahada during a semester, act as an important part of curriculum to preparing a student for a professional carrier. With actively involved participated, students learn about the operational process of Hospital pharmacy.

Every student admitted to B. pharmacy courses must have knowledge of functionality of Hospital working & should have know about operational process of hospital & gain information about various department like ICU, CT Scan, Blood Bank & general ward.



(Signature)

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Principal

C. Problem solving methodology

1. Tutorial:

Tutorials are important for your learning because it helps to solve problem in team, develop group skill, & get to know peer better & also clarify any concepts that might not understand.

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COLLEGE OF PHARMACY,
SHAHADA, Dist. Nandurbar

EVALUATION CHART

Tutorial Number	Signature of Supervisor	Marks Obtained (out of 20)	Signature of Subject Incharge
I st Tutorial		16/20	
II nd Tutorial		16/20	
Average Marks		16/20	

(Academic In - Charge)

(Exam. Incharge)

Name: Yogeshwar D. Pawar
Sub: Pharmacology
Roll No: 20
Date: 14/12/22

16. What is coracoclavicular pili? 1 mark
 17. Give the function of skin. 1 mark
 18. Indicate the glands of skin. 1 mark
 19. Give the layers of skin. 1 mark
 20. Draw a well labelled diagram of skin. 1 mark
 21. Name the three regions of epidermis. 1 mark
 22. Which pigment gives typical color to skin? 1 mark
 23. Indicate the bones of face. 1 mark
 24. How many epiphyseal and epiphyseal? 1 mark
 25. Indicate the names of scapulae. 1 mark
 26. Indicate the names of vertebrae. 1 mark
 27. Give the functions of bone. 1 mark
 28. Give the components of bone. 1 mark
 29. Draw a well labelled diagram of humerus. 1 mark
 30. Classify joint. 2 marks
 31. Give the examples of hinge joint. 1 mark
 32. Give the examples of pivot joints. 1 mark
 33. Classify bone. 1 mark
 34. Indicate the neurotransmitter involved in contraction of muscles. 1 mark
 35. Give the name of motor neuron involved in contraction of muscles. 1 mark
 36. What is the location of pectoral girdle? 1 mark
 37. Draw muscles. 1 mark
 38. What is the meaning of supinator? 1 mark



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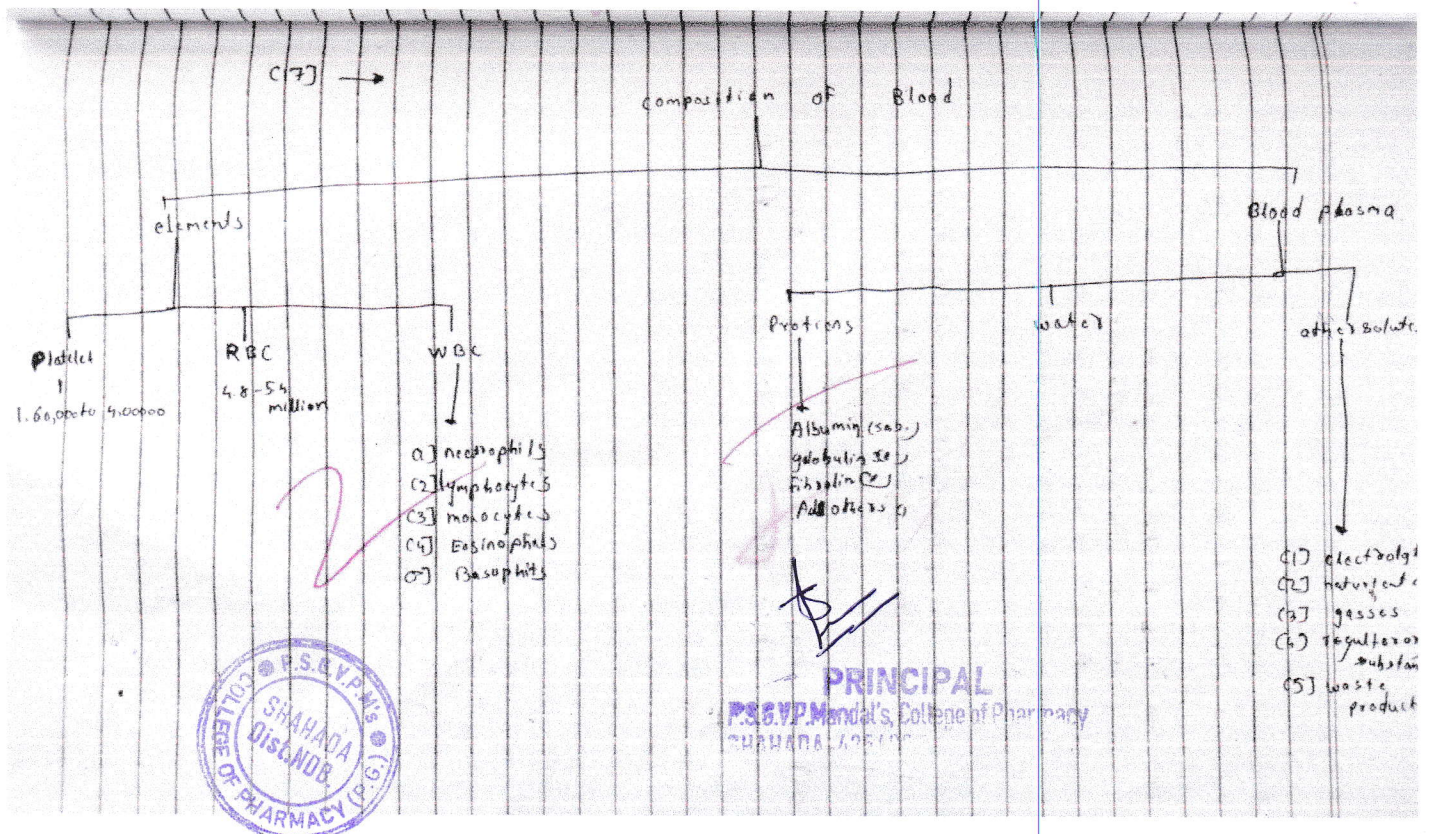
Dr. Sunil P. Pawar(M.Pharm., Ph. D.)
Principal

P. S. G. V. P. Mandal's
COLLEGE OF PHARMACY,
SHAHADA, Dist. Nandurbar

EVALUATION CHART

Tutorial Number	Signature of Supervisor	Marks Obtained (out of 20)	Signature of Subject Incharge
I st Tutorial		18/20	
II nd Tutorial		19/20	
Average Marks		18.5/20	

(Academic In - Charge)

(Exam. Incharge)


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Principal**2. Publications:****Name of Supervisor:** Akash S Jain.**Name of students:** Nishant M. Patel, Darshankumar D. Jain**Class:** Final year B. Pharm**Title:** Anthelmintic activity of *Pongamia pinnata* L. leaves on *Pheretima posthuma*

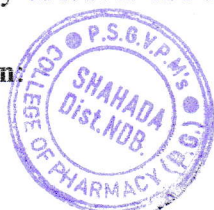
Abstract: The anthelmintic property of fresh aqueous+ acetone extract of *Pongamia pinnata* L. belonging to family Fabaceae was studied for anthelmintic activity against *Pheretima Posthuma* (Indian earthworm). Four concentrations (25, 50, 75 and 100 mg/ml) of leaves extract were studied in a bioassay, which involve the determination of time of paralysis and time of death of the worms. 100 mg/ml conc. of aqueous + acetone extract of leaves of *Pongamia pinnata* L. reveal considerable anthelmintic activity as compared to other three conc. and Albendazole (10mg/ml). Albendazole and saline water were including in the assay as standard reference drug and control respectively.

Keywords: *Pongamia pinnata* L, *pheretima posthuma*, anthelmintic activity

Introduction: Karanja is botanically *Pongamia pinnata* L. belongs to family Fabaceae. *Pongamia pinnata* is a fast-growing tree which reaches 40 feet in height and spread forming a broad, spreading canopy casting moderate shade mostly found near the river side. Medicines from herbal sources have got a spontaneous importance while considering the side effects of the synthetic and chemical drugs. Plant based medicaments, for centuries; man's prime therapeutic weapons are still in the front line for treating a large number of diseases. All parts of this plant have medicinal properties and traditionally used as medicinal plants. They have been used as crude drug for the treatment of tumors, piles, skin diseases, wounds and ulcers. Besides this, the plant possess anti-inflammatory, anti plasmodial, antinociceptive, anti-lipidperoxidative, antidiarrheal, antiulcer, antihyperammonemic and anti-oxidant activity particularly, leaves have anthelmintic, digestive and laxative used for inflammations, piles and wounds and juice of the leaves is taken for cold, cough, diarrhoea, dyspepsia, flatulence, gonorrhea and leprosy. Therefore in the present study an attempt was made to find out the anthelmintic activity of leaves of *Pongamia pinnata* L.

Scientific classification:

Kingdom : Plantae
Order : Fabales



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Family : Fabaceae
Genus : Pongamia
Species : P. pinnata

Materials and Methods:

Plant Material: The fresh leaves of Pongamia pinnata L. have been collected from the local area at Shahada and authenticated by Dr. Santosh K Tayade, HOD of Botany, Art's Science and Commerce College, Lonkheda, Shahada, Dist-Nandurbar (MS).

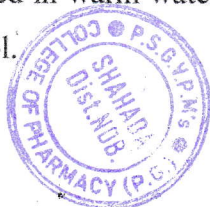
Worms Indian earthworms (Pheretima Posthuma) were used to study anthelmintic activity. The earthworms were collected from moist soil at local area at Taloda, Dist Nandurbar. The average size of earthworm was 6-8 cm. Earth worm. All worms were washed with normal saline, and kept in beakers containing normal saline separately.

Preparation of Extracts Collected fresh leaves of Pongamia pinnata L. were dried and crushed to coarse powder and pass it through sieve no 40 to get fine powder and subject it to maceration with Acetone + water, then dried it by using evaporator and then extract was subjected to preliminary phytochemical testing.

Drugs and chemicals:

1. Albendazole
2. Saline solution

Anthelmintic Activity The anthelmintic assay was carried as per the method of Ajaiyeoba et.al, with necessary modification. The assay was performed on adult Indian earthworm Pheretima Posthuma, due to its anatomical and physiological resemble with the intestinal round worm parasite of human being. Because of easy availability, earthworm has been used widely for initial evaluation of anthelmintic compound in vitro. 25ml of formulation containing different concentration of crude drug aqueous + acetone extract (25,50,75,100 mg/ml in distilled water) were prepared and 3 worms of same type were placed in it. Time for paralysis was noted when no movement of any sort could be observed except when the worms were shaken vigorously. Time for death of worms were recorded after ascertaining that worms neither move when shaken vigorously nor when dipped in warm water (50°C). Albendazole (10mg/ml) was used as reference standard while saline water as control.



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Table 1: Anthelmintic activity of *Pongamia pinnata* L. leaves extracts on Indian earthworm (*Pheretima Posthuma*)

Sr. No	Extracts	Conc. (mg/ml)	Indian Earthworms (<i>Pheretima Posthuma</i>)	
			Time of Paralysis min(P)	Time of Death min(D)
1.	Aqueous + Acetone	25	35.45 ± 1.45	150 ± 3.14
		50	16.25 ± 1.25	70.82 ± 2.40
		75	7.20 ± 1.13	53.45 ± 1.54
		100	4.15 ± 0.45	25.75 ± 1.11
2.	Standard (Albendazole)	10	5.25 ± 0.55	28.17 ± 1.26
3.	Control (Saline solution)	-	-	-

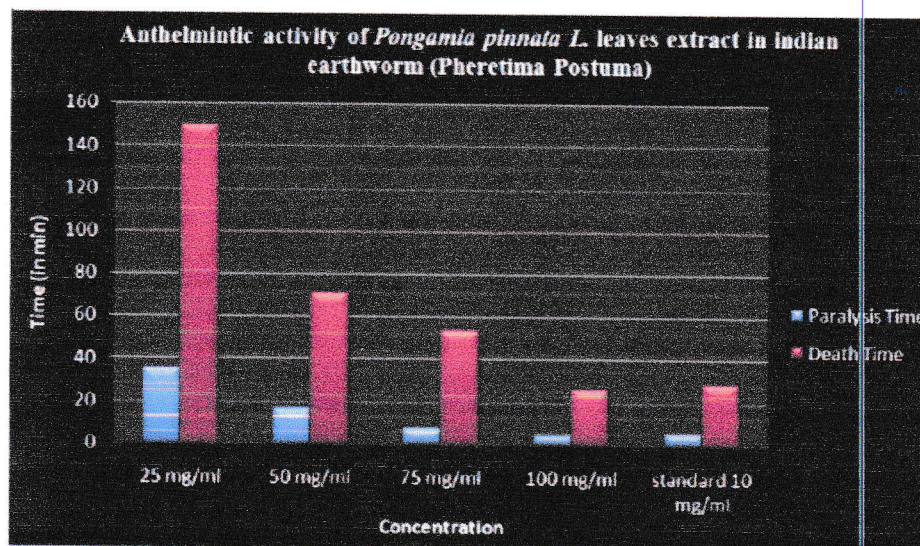


Fig 2: Anthelmintic activity of *Pongamia pinnata* L. leaves extracts on Indian earthworm (*Pheretima Posthuma*)



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Statistical Analysis :

The data presented as mean + SEM. The activities of extract were compared with the control. The extract showed significantly higher duration of paralysis and death value of $P < 0.001$ were considered statistically significant.

Results and Discussion:

From the observations made, higher concentration of leaves extract produced paralytic effect much earlier and the time to death was shorter for all worms. The aqueous+acetone extract showed anthelmintic activity in dose-dependent manner giving shortest time of paralysis (P) and death (D) with 100 mg/ml concentration, for worms. Evaluation of anthelmintic activity was compared with reference standard Albendazole. From the above results, it is concluded that *Pongamia pinnata* L. leaves extract showed significant anthelmintic activity. 100 mg/ml aqueous + acetone extract

exert paralytic effect in 4.15 ± 0.45 minutes and death in 25.75 ± 1.11 minutes which requires less time for paralysis and death of worms as compared to effect produced by the standard drug Albendazole. The experimental evidence obtained in the laboratory model could provide a rationale for the traditional use of this plant as anthelmintic. The plant may be further explored for its phytochemical profile to recognize the active constituent accountable for anthelmintic activity.

Conclusion:

From the above results, it is concluded that the aqueous+ acetone leaves extract of *Pongamia pinnata* L. shows potent anthelmintic activity than standard anthelmintic drug. Further studies using in vivo models are required to carry out and establish the effectiveness and pharmacological rationale for the use of *Pongamia pinnata* L. leaves as an anthelmintic drug. The drug can be further explored for the isolation and characterization of the active constituents responsible for anthelmintic activity.



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