



# AISSMS

COLLEGE OF PHARMACY  
IMPARTING EXCELLENCE IN EDUCATION & RESEARCH



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**Summary of Project Based Learning (In-house projects) for Undergraduates (2022-2023)**

<b>S.No.</b>	<b>Name of Student</b>	<b>Name of Guide</b>	<b>Department</b>	<b>Project Title</b>
<b>1</b>	Isha Gadge, Saloni J, Gargi Nikam, Saurav Kulkarni	Dr. Monica Rao	Pharmaceutics	Solid state studies of an active pharma ingredient
<b>2</b>	Yash Daga, Manjish Gupta	Mrs.KalyaniAsgaonkar, Mrs. Shital Patil	Pharmaceutical chemistry	Drug repurposing on different drug targets using <i>insilico</i> techniques
<b>3</b>	Kalyani Dhengale, Rutuja Gaikwad, Snehal Gadhare	Mrs.Amruta Avalaskar	Pharmacognosy	Formulation and Evaluation of Gummies for Uterine health
<b>4</b>	Samarth Dhanwat, Omkar Mohekar, Saurabh Shendkar, Vaishnavi Vibhute	Mrs.Amruta Avalaskar	Pharmacognosy	Formulation and Evaluation of Oral films in palpitations
<b>5</b>	Divya Kanade, Priyanka Khanvilkar, Akanksha Mahadik, Isha Mahamunkar	Dr. Monica Rao	Pharmaceutics	Design and Evaluation of a topical formulation
<b>6</b>	Vaishnavi Shitole, Sweta Singh	Dr. MC Damle	QA	Quantitation of active marker from Herbal formulation by HPTLC
<b>7</b>	Rutuja Londhe, Shrunalini Jadhav, Mayur Kulkarni	Dr. MR Bhalekar	Pharmaceutics	Formulation of Grapeseed extract
<b>8</b>	Isha Kalbhor, Jeevan Bagul,	Mr. Jitendra Gajbe, Mrs. Shivani Rao	Pharmaceutics, Microbiology	Antimicrobial preparation of a herbal gel
<b>9</b>	Snehal Dombe, Meenal Gaikwad	Mr. Jitendra Gajbe, Mrs. Shivani Rao	Pharmaceutics, Microbiology	Antimicrobial preparation of a herbal gel
<b>10</b>	Shrunalini Jadhav, Advait Jahagirdar	Mr. Omkar Devade	Pharmacology	Estimating Anthelmintic activity of Brassica

				olerica
<b>11</b>	Jayesh Awad (Saurabh Ade)	Dr. Tina Saldanha	Pharmacology	Current consensus on Ketogenic diet in the management of Obesity
<b>12</b>	Avanti Puranik (Reshma Shelar)	Dr. Tina Saldanha	Pharmacology	Update on Therapeutic potential of Probiotics in Liver diseases
<b>13</b>	Babarao Jadhav, Saurabh Kokare, Punjaram Jagtap, Tejas Kumbhar	Dr. MR Bhalekar	Pharmaceutics	Formulation of Solid Dispersions

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### Summary of Project Based Learning (In-house projects) for Undergraduates (2021-2022)

S. No.	Name of Student	Name of Guide	Department	Project Title
1	Ameya Vaskar, Namrata Rathod, Girija Kulkarni	Mrs. K D Asgaonkar, Mrs. Amruta Avalaskar	Pharmaceutical chemistry , Pharmacognosy	A survey on herbal immunomodulators in covid management
2	Ayush Thole, Purva Kalel, Makrand Somwanshi, Shubham Naikwadi	Ms. Kandhare/ Dr Reshma Mirajkar	Pharmaceutics	Transdermal Patch
3	Pooja Sonawane, Samruddhi Pande Pooja Chaudhari	Dr Mangesh Bhalekar	Pharmaceutics	Formulation of directly compressible excipient blend using spray drying
4	Vinaly Londhe, Shashikant Lohare, Saloni kirad, Komal Lahoti	Ms. Kandhare/ Dr Reshma Mirajkar	Pharmaceutics	Formulation and invitro study of herbal cream containing plant extract
5	Jidnyasa Jain, SushrutiTanksali, Kunal Pradhan	Mrs. KD Asgaonkar /Mrs. SM Patil	Pharmaceutical chemistry	Different synthetic approaches and biological activities of a lucrative pyrimidine – triazine hybrid derivative
6	Anam Bagwan, Atharva Suryawanshi Ayushi Shaha, Aditya Lokhande	Mrs. S U Kolhe	Pharmacology	Study of nootropic activity of THF polyherbal formulation in Rodents
7	Vidhi Dagde, Apurva Pawar, Sonali Bhondve, R Bhagvat, P Devkate	Mrs. S U Kolhe	Pharmacology	Assessment of lethal effect of THF in lab animals
8	Isha Ghadge Saurav Kulkarni, Tanya Ashana	Dr. MRP Rao	Pharmaceutics	Drug repurposing
9	Vaishnavi Nikam, R Shingavi, Divyesh	Mrs. A N Avalaskar	Pharmacognosy	To formulate and evaluate Carimor tablets for

	Jain			management of Dengue
10	Rutuja Londhe, Uttekar Pranav, Awad Jayesh	Dr M C Damle	QA	Development of HPTLC method for estimation of Lupeol from Kanchan Bark extract and marketed product
11	Pratiksha Waghmare, Ishwari Sapkal, Sakshi Wable	Dr S V Gandhi	QA	Development and validation of spectrophotometric method for determination of drugs
12	Anand Dhumal, H Patil Vaibhavi Mulley	Mrs Megha Shah	Pharmacognosy	Complexation & conviction for consumption of narcotic & psychotropic substances: an analysis of health survey in all over India
13	Vaibhavi Mulley, Fenil Jethva, Shrawan Mali	Mrs. Megha Shah	Pharmacognosy	Treatment of Hypertension during pregnancy lactation
14	Dhumal Anand, Devkate Pradnya, Thorat Rajnandni	Mrs. Megha Shah	Pharmacognosy	Herbal treatment for Nootropic activity
15	Rathod Namrata, Shah Ayushi, Siddhi sefalika, Atharv Suryavanhi	Mrs. Megha Shah	Pharmacognosy	Formulation and evaluation of herbal dry shampoo
16	Sanket Pujari, Patil Harshwardhan, Vaibhavi Mulley, Dhumal Anand	Mrs. Megha Shah	Pharmacognosy	Preliminary and analytical study of medicinal plant(radish)
17	Girija Kulkarni, Sakshi Sagal, Jyoti Kupate, Tanmaya Vyas, Nirmala Rajpurohit	Dr. Reshma Mirajkar	Pharmaceutics	Herbal Anti-spasmodic Gel for relief of menstrual cramps

<b>18</b>	Vidhi Dagade, Vishwajeet Lad	Dr. Reshma Mirajkar	Pharmaceutics	Review on 3-D printing
<b>19</b>	Vidhi Dagade, Vishwajit Lad, Sarvesh Chourange, Neha Bamane	Dr Mangesh Bhalekar	Pharmaceutics	Formulation of Fexofenadine co-crystals for improved dissolution
<b>20</b>	Utkarsha Randive, Pallavi Ranpise	Mr. Omkar Devade	Pharmacology	A Review on PCOD
<b>21</b>	Rohan Londhe	Mr. Omkar Devade	Pharmacology	Medicinal plants with memory enhancing activity

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**Summary of Project Based Learning (In-house projects) for Undergraduates (2020-2021)**

<b>S. No.</b>	<b>Name of Student</b>	<b>Name of Guide</b>	<b>Department</b>	<b>Project Title</b>
<b>1</b>	Ayush Khater, Maitreyee Upadhyay	Mrs.K D Asgaokar, Mrs. S M Patil	Pharmaceutical chemistry	A survey : Does lockdown create an impact on mental health
<b>2</b>	Kshitiya Abhay, Ayush Khater	Mrs. K D Asgaokar, Mrs. S.M.Patil	Pharmaceutical chemistry	A survey creating awareness and highlight role of community pharmacist
<b>3</b>	A.Sonawane, K. Abhang, S Sapate,	Dr. MRP Rao	Pharmaceutics	Exploring recent advances in nanoherapeutics
<b>4</b>	A.Sonawane, G Paul, S Sapate, S. Rohom	Dr. MRP Rao	Pharmaceutics	Nanosponges: A multifunctional drug delivery system
<b>5</b>	A Gaurav, T Kawade, S Sugaokar, M Kadam	Dr. MRP Rao	Pharmaceutics	Polysystic Ovarian Disorder
<b>6</b>	Ms. Shivani Godbole, Namrata Rathod, Amey Gavaskar,	Mrs. Shivani Rao	Microbiology	Covid 19 vaccination strategies
<b>7</b>	Mrs. Shinde Rucha, Vijapura Gautami, Sakate Nisarga, Ranpise Pallavi, Randive Utkarsh	Mr. O.A. Devade	Pharmacology	Evaluation of Anthelmintic activity of Medicinal Plant Extracts
<b>8</b>	Rohan Londhe, Namrata Rathod, J. Kupate, Nikhil Meshram	Mr. O.A. Devade	Pharmacology	Ayurvedic remedies of Covid-19
<b>9</b>	Jidnysa Jain, Namrata Rathod, Girija Kulkarni, Jyoti Kupate, Saurav	Dr. Rahul Padalkar	Pharmaceutics	Reasoning Quizlet

	Kulkarni, Isha Ghadge			
10	Amey Gavaskar, Faizan Mujawar, NirmalaRajpurohit, Tanmaya Vyas, Sakshi Bagal, Sejal Takawale	Dr. Rahul Padalkar	Pharmaceutics	Laarning Model for reaction Balancing
11	Amey Gavaskar, Faizan Mujawar	Dr. Rahul Padalkar	Pharmaceutics	Nirmal App
12	Shruti Vaidya, Aditi Vaidya, Ayush Khater	Dr. Rahul Padalkar	Pharmaceutics	Survey on COVID Vaccination and Post-Vaccination Effects
13	Tanaya Asthana, Amey Gavaskar	Mrs. A.N.Avalaskar	Pharmacognosy	Antiemetics from natural origin
14	Vaibhavi Mulley	Mrs. V.N.Wable, Mrs. K.S.Sonawane	Pharmaceutical chemistry, Pharmacognosy	Advance optical rotary dispension
15	Ojas Jadhav, Sachin Mehta	Mrs. R.V.Kulkarni	Pharmacology	Review on antiulcer activity
16	Vaibhavi Kardile, Brinda Nadar, Atharva Kulkarni	Dr. T. Saldanha	Pharmacology	Monoclonal antibodies in Oncology: a decade of novel options

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**Summary of Project Based Learning (In-house projects) for Undergraduates (2019-2020)**

<b>S.No.</b>	<b>Name of Student</b>	<b>Name of Guide</b>	<b>Department</b>	<b>Project Title</b>
<b>1</b>	K Abhang, Bhairavi Bakhle, Ayush Khater	Mrs.KalyaniAsgaonkar, Mrs. Shital Patil	Pharmaceutical chemistry	Exploring immunoregulatory activity of some thiazolidine derivative using insilico tools
<b>2</b>	Shivani Godbole, S Kelkar, RiddheshKharche	Mrs. S H Rao, Dr. M R Bhalekar	Microbiology, Pharmaceutics	Formulation and evaluation of antifungal nail lacquer
<b>3</b>	Unmesh Mahajan, R Khirnar, Akanksha Markad, M Upadhya, RuchiraTakale	Mrs. S H Rao, Mrs.Amruta Avalaskar	Microbiology, Pharmacognosy	Microbial limit of conventional oral Ayurvedic formulations
<b>4</b>	Suda Jain, Abhishek Galgate, Tushar Jadhav, Saurabh Munde, Bhairavi Bakhle, Kshitija Abhang	Mrs. S H Rao, Mrs.Amruta Avalaskar	Microbiology, Pharmacognosy	Microbial limit of conventional oral Ayurvedic formulations
<b>5</b>	Ram Polawar, V Rohile, Rutuja Shende, Shital Ranvare, AyushiBiyani	Dr. M R Bhalekar	Pharmaceutics	Evaluation of carboxymethyl xyloglucan as suspending agent
<b>6</b>	P Gholap, Nikita Dhurde, Aditya Phatak, Roshan Gudale, SiddharthKilledar	Dr. M R Bhalekar	Pharmaceutics	Formulation of co-crystals
<b>7</b>	Y Avhad, M	Mr. P Sonawane	Pharmacognosy	Preparation of

	Gedam, Suyash Chaudhari, Dhanashri Jadhav			formulation from cow urine minerals
8	Abhishek Joshi, Utkarsha Avhad, Gaurav Mahajan, Prajwal Hogade	Dr. S V Gandhi	QA	Development and validation of spectrophotmetric method for deerrmination of pharmaceuticals
9	Ishan Dixit, Ojas Jadhav, Sachin Mehta	Mrs. Swati Kolhe	Pharmacology	Preclinical evaluation of hydrochloric acid of Sesbania sesban leaves in gastric ulcer in experimental rats
10	Anjali Ahir, Shivanjali Jadhav, Mayuri Gaikwad, ShrutiGaikwad	Mrs.V N Wable, Mrs. KS Sonawane	Pharmaceutical chemistry	Molecular modeling studies of N (12a]Pyridine-3 carboamid as antiTB agent
11	Atharva Kulkarni, Kshitija Abhang, Bhairavi Bakhle	Mrs.KalyaniAsgaonkar, Mrs. Shital Patil	Pharmaceutical chemistry	A Survey: Possibilities of revamping education system in the stretching Covid-19 pandemic
12	Anish Panvalkar	Dr. Rahul Padalkar	Pharmaceutics	SPHEROFAST: an all in one spheronizer

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**Summary of Project Based Learning (In-house projects) for Undergraduates (2018-2019)**

<b>S.No</b>	<b>Name of Student</b>	<b>Name of Guide</b>	<b>Department</b>	<b>Project Title</b>
<b>1</b>	Pranav Uttekar	Dr. MC Damle	QA	Development and validation of HPTLC method for estimation of Etravirine
<b>2</b>	Dnyanada Bathe, Siddhant Bhalerao	Dr. MR Bhalekar	Pharmaceutics	Preparation of Mouth dissolving tablet of BCS II drug
<b>3</b>	Bhagyashree Patil, Shruti Khandave, Mayuri Pansare, Nishant Kolhe,	Dr. SV Gandhi	QA	Development and validation of spectrophotometric method for determination of Pharmaceuticals
<b>4</b>	Neha Sali, Shivam Jaiswal, Vipul Fegade, Vinod Gaikwad	Dr. SV Gandhi	QA	Spectrophotometric method development and validation of for the estimation of Pharmaceuticals
<b>5</b>	Abhishek Joshi, Mahesh Aher, Avhad Uttkarsha, Gaurav Mahajan	Mrs.Amruta Avalaskar	Pharmacognosy	Formulation and evaluation of Herbal hard candy for Antitussive activity
<b>6</b>	Neha Raka, Aishwarya Pawar, Pratiksha Undre, Akanskha Markad, Divya Mehta	Dr. MC Damle	QA	Development and Validation of HPTLC method for Hesperidine
<b>7</b>	Rohom Saurabh, Ashwini Deokar, Riddhi Warhal	Dr. MR Bhalekar	Pharmaceutics	Evaluation of different polymers with respect to Donnon membrane effect
<b>8</b>	Atharva Kulkarni, Brinda Nadar, Ria Kesar, Omkar More	Dr. MR Bhalekar	Pharmaceutics	Application of Pastillation to improve dissolution of drug

<b>9</b>	Harshada Vanave, Pooja Auti, Ashlesha Wavhal, Ankita Bulani, Vrushali Dhengale	Dr. MC Damle	QA	Development of Analytical method for drugs used in the treatment of Hepatitis C
<b>10</b>	Aishwarya Mate, Pranav Uttekar, Akshay Punmiya	Dr. MC Damle	QA	Development of Analytical method for combination of drugsfor Hepatitis treatment

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