

## CURRICULUM VITAE

Dimple Pirgal  
# 5 P.V.N lane, 2<sup>nd</sup> cross Thigalarpet,  
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### **Research Profile**

**Area of Research:** synthesis of biological active small molecules (Anti-cancer)

### **Research Ids:**

Orcid- 0000-0001-7565-674X

Publons- [AEE-5543-2022](#)

Vidwan-<https://vidwan.inflibnet.ac.in/profile/263884>

Research ID- rid23860

### **Professional Profile**

A determined Post Graduate with a positive attitude and having self starting ability, good interpersonal and communication skill and ready to work independently as well as a member of a team to explore and utilizing the skills acquired during course

### **Strengths:**

Ability to work as an team person and to lead as well, total commitment towards profession, adaptability and flexibility and working to perceive a good carrier in an Organization.

### **EDUCATIONAL QUALIFICATION:**

<b>Qualification</b>	<b>Year of Passing</b>	<b>Percentage</b>	<b>College/University</b>
<b>M.Pharm (Pharmaceutical Chemistry)</b>	2010-2012	83.79 %	GCP/Rajiv Gandhi University of Health Sciences
<b>B. Pharm</b>	2007-2009	82 %	M.S Ramaiah College of pharmacy / Rajiv Gandhi University of Health Sciences
<b>D. Pharm</b>	2004-2005	82 %	GCP /Board of Examining Authority
<b>II P.U.C</b>	2001	71 %	Jain College/ Pre-University Examination Board
<b>S.S.L.C</b>	1999	78 %	Udaya School/ Karnataka Secondary Education Examination Board (KSEEB)

## **Ph.D:** Pursuing

- Year of Reg:2017
- University: KAHER, Belagavi (Faculty of Pharmacy)
- Supervisor: Dr. Subhas S Karki
- Title: “Synthesis and Evaluation of Resveratrol Derivatives as Anti-Cancer agent”

## **COURSE UNDERTAKEN:**

- UGC Sponsored short term course on Developments in advanced Drug Delivery Systems and Drug Discovery to Treat Life Threatening Diseases from 22/06/2020 to 27/06/2020
- Molecular Docking certificate course from Biotechnika-Dec 2019
- NPTEL online course on “Health Research Fundamentals” from Feb to Mar 2018
- “Short Course in Educational Methodology” from Jan 2017 to April 2017 Organized by Rajiv Gandhi University of Health Sciences, and APTI, Bengaluru.

## **PROFESSIONAL EXPERIENCE:**

- Worked as junior pharmacist in Lifeken for Six months
  - Industrial training in Kemwell Pvt Ltd.
  - Worked as Production Chemist in Mahendra Labs for 18 months
  - lecturer in Nargund College of Pharmacy from Dec 2013 to 6<sup>th</sup> June 2016
- Job profile in Nargund College of pharmacy
- Subjects handled Pharmaceutical chemistry II, Biochemistry, Med Chem I
  - Cultural committee head for the year 2013-14
  - Time table committee member for the year 2014-2015
  - Cultural committee head for the year 2014-15
  - Sessional committee member for the year 2014-15
  - Conference Organizing and Cultural committee head for the year 2015-16
- Assistant Professor (Grade II) in KLE College of Pharmacy, Bengaluru from July 2016 till date.

### Committee Member at KLE College of Pharmacy, Bengaluru:

Committee	Position held
Institution's Innovation Council	Convenor
NBA	In-charge Criteria-7
NAAC	In-charge Criteria-5
Student council	Patron
Alumni association	In-charge
Website updation	In-charge
Extra Mural Activities	In-charge
Career guidance	Member
Training and Placement	Member
Cultural activity	Member
Hospitality	Member
Magazine	Editorial member
Class teacher	VII Sem B.Pharm

### ACADEMICS ACHIEVEMENTS:

1. Received award from Dr. A. P. J Abdul Kalam for being top in master degree in Golden Jubilee Celebrations of Govt. College of Pharmacy held on 1<sup>st</sup> and 2<sup>nd</sup> June 2013.
2. Received Silver Jubilee Fund Award of GCP in May 2012 for highest marks in aggregate from 2years M.Pharm examination.
3. Received STARS award (2011 post graduate student research grant) for the research project "Synthesis And Characterization Of N<sup>2</sup>-Substituted Benzene Sulfonyl N<sup>1</sup>- 5-Substitutedbenzofuran-2-Carbohydrazides" in M.Pharm.
4. Cleared GPAT in the year 2010.
5. Secured 2<sup>nd</sup> Rank in M.Pharm(Pharmaceutical Chemistry) at university level
6. Secured 2<sup>nd</sup> Rank in final year B.Pharm at university level
7. Secured subject wise rank in 2nd year B.Pharm at university level

Subject	Rank Obtained
Applied Bio-chemistry	4 <sup>th</sup> rank
Pathophysiology	9 <sup>th</sup> rank
Microbiology	9 <sup>th</sup> rank

8. Secured 6<sup>th</sup> Rank in 2<sup>nd</sup> year B.Pharm at university level
9. Secured 2<sup>nd</sup> Rank in B.Pharm

## **Patent: Patent Published (01)**

<b>Patent No</b>	<b>Details</b>
Indian Patent filed Application No. 202341040680 A	Solid dispersion of an antifungal drug in gel formulation for improving bioavailability

## **PAPER PUBLICATION:**

1. **Dimple Pirgal**, Suma N , Navyashree Suresh Naik , Likitha G ,Abhishek G P , Rahul Kumar , Vidyabhushan Yadav. Evaluation of the Inhibition of Carbohydrate Hydrolysing Enzymes and Antioxidant Activity of Hydroalcoholic Extract of Leaves of Moringa Oleifera. Eur. Chem. Bull. 2023,12(7), 4352-63.
2. **Dimple Pirgal**,J Kuber Singh, Taaniya Javalkar ,Suma N ,Shilpa Murthy, Sourav Guha ,Lakshmi Gayathri .Formulation And Evaluation Of Essential Oils Based Antimicrobial Hand Sanitizer Gel To Avoid The Spread Of Diseases. J. Pharm. Negat 2022;13(10): 3951-60
3. **Dimple Pirgal**, Ramesh Jha, Shivakumar Mallappa Hipparagi.Microwave assisted synthesis of 3-substituted aryl aminochloro flouroquinoline derivatives for antimicrobial activities. J. med. pharm. allied sci.2022;11(16): 5461 – 68
4. **Dimple Pirgal**, Konatham Teja Kumar Reddy, Vijayakumar B, Amrutha S , Akshay Kumar. U, K.V. Vismaya. Synthesis of Novel (E)-3-(1, 3-Diphenyl-1h-Pyrazole-4-Yl) Propanoic Acid Derivatives and Biological Evaluation of Their Anti-Inflammatory Activity.2022;20(12):1021-29
5. **Dimple Pirgal**, Chandrashekar Javali, Pradeep Kumar R.”Synthesis And Characterization Of N<sup>2</sup>-Substituted Benzene Sulfonyl N<sup>1</sup>- 5-Substitutedbenzofuran-2- Carbohydrazides” published in World J Pharm Sci.2014;4:1500-08

## **RESEARCH GUIDANCE:**

### ➤ M.Pharm Research

<b>Project</b>	<b>Title</b>
M.Pharm	Synthesis, molecular docking and evaluation of 3-substituted-indolin-2-ones derivatives as cytotoxic agents

### ➤ KAHER Research Grant

<b>Project</b>	<b>Title</b>	<b>Amount Sanctioned</b>
PG project	Synthesis of N-heterocyclic derivative as potent PRL-3 Inhibitors	Rs. 25,000
UG project	Formulation and Evaluation of Herbal Face Pack for Glowing Skin.	Rs. 10,000
UG project	Formulation and Evaluation of herbal Face wash.	Rs. 10,000

UG project	Formulation and evaluation of herbal Mouth wash.	Rs. 10,000
UG project	Formulation and Evaluation of Herbal Moisturizing Cream.	Rs. 10,000

**CONFERENCES/ SEMINARS ATTENDED:**

Number of papers published		Number of conferences /seminars attended/ organized	Poster presentations	Oral presentations
National	International			
03	02	24	11	02

**CONFERENCES/ SEMINARS ATTENDED:**

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- FDP on “Innovative Approaches in Drug Discovery; AI Technologies” (HYBRID MODE) by School of Pharmacy in Association with Indian Pharmacological Society (IPS) on 9th - 13th Oct 2023.
- ICMR-CDSCO joint workshop on “Regulatory Awareness & Experiential Learning for Medical Device/Diagnostic Innovators/Start-ups in India,” on 12<sup>th</sup> October 2023.
- Webinar on “IPR in the era of digital transformation’ organized by Society of Pharmaceutical Sciences and Research on 8<sup>th</sup> October 2023.
- Webinar on “Pharmacist a Proactive Positive Player in Rational Therapeutics’ organized by Society of Pharmaceutical Sciences and Research on 24<sup>th</sup> September 2023.
- Two days online training on Advanced Clinical Data Analysis organized by Skillyaari.
- Webinar on “Quality Cosmetics: Role of Evolving Techonolgies and Regulations organized by Society of Pharmaceutical Sciences and Research on 27th August 2023.
- FDP on “Creating Rubrics for Skill Assessment” organized by Manipal college of Pharmacy,Manipal on 24th August 2023.
- FDP Programme on “Designing Course Outcomes and Outcomes-Focused Questions:, from 4/8/2023 organized by inPods
- 10th edition of the World Conference on Pharmaceutical Sciences & Drug Manufacturing” on 6th & 7th July 2023 Organized by APR virtually on Zoom. Theme: “An Integrative & Holistic approach towards Pharma Science”
- Workshop on “Use of Technology to Promote Student Engagement” on 24th & 25th March 2023 organized by University Department of Education For Health Professionals(UDEHP), KLE University, Belagavi, KLE University’s College of Pharmacy, Bengaluru.

- FDP Programme on “Intellectual Property Rights-Patent Forms and filling procedure” on 06/01/2023 organized by VJ’s College of Pharmacy Andhra Pradesh.
- Seminar on “National Intellectual Property Awareness Programme” on 8/08/2022 organized by **IPR, NIPAM, GoI**
- “inpods FDP Programme on Development Program on Advanced Concepts of Outcomes-Based Education, from 4/4/2022 to 8/4/2022 organized by inpods
- Workshop on “Individual and Institutional Measures to Enhance the Effective use of Plants as Nutraceuticals” organized by the Department of Pharmacognosy & Biotechnology. on 26<sup>th</sup> Feb 2022 organized by Pulla Reddy Institute of Pharmacy, Hyderabad .
- Workshop on “Role Of Regulatory Affairs In Health Care Systems organized by Department of Pharmaceutical Regulatory Affairs.” on 24<sup>th</sup> Dec 2021 organized by Pulla Reddy Institute of Pharmacy, Hyderabad.
- Workshop on “Challenges in Standardization and validation of herbals-Indian perspective” on 29<sup>th</sup> & 30<sup>th</sup> Oct 2021 organized by University Department of Education For Health Professionals (UDEHP), KLE University, Belagavi, KLE College of Pharmacy, Bengaluru.
- Workshop on “Writing learning objectives: to design learner centric curriculum management” on 9<sup>th</sup> April 2021 organized by KLE COP, Bengaluru
- Workshop on “Overview of IPR and know how to protect your inventions organized by Department of Pharmaceutical Chemistry” on 22<sup>nd</sup> July 2021 organized by Pulla Reddy Institute of Pharmacy, Hyderabad.
- Workshop on “Current trends in pharmacology Research-Preclinical Trails ICCTPR-PT” on 3rd & 4<sup>th</sup> Jan 2020 organized by Bhaskar Pharmacy College, Telangana.
- National “NMR Workshop - An Academia/Industry Interaction” held at Satish Dhawan Auditorium on the IISC campus, Bengaluru on 2<sup>nd</sup> Dec 2019.
- 1<sup>st</sup> International Conference on “Life, Chemical and Health Sciences” held at Ramaiah College of Arts, Science and Commerce, Bengaluru from 24<sup>th</sup> – 26<sup>th</sup> Oct 2019.
- 6<sup>th</sup> International Conference on “Strategies to Tackle Antimicrobial resistance” held at PES University, Bengaluru from 18<sup>th</sup> & 19<sup>th</sup> Oct 2019.
- National Seminar on “QbD in analytical method development and validation” held at JSS College of Pharmacy, Mysuru on 1<sup>st</sup> Oct 2019.
- Participated in one day “NMR Symposium and users meeting” held at NMR Research Centre IISc Bengaluru on 27<sup>th</sup> June 2019.

- Workshop on “Novel Approaches in Teaching and Research” on 1<sup>st</sup> & 2<sup>nd</sup> Feb 2019 organized by University Department of Education For Health Professionals(UDEHP), KLE University, Belagavi, KLE University’s College of Pharmacy, Bengaluru.
- One Day International Symposium on “Streamlining Drug Design and discovery” by Zastra Innovations Pvt. Ltd.at Regenta Place, Bengaluru, on 22<sup>nd</sup> Jan 2019.
- Seminar by Dr. Alexander Stadler on “Microwave Synthesis” 23<sup>rd</sup> Aug 2018 at Centre for Nano Science and Engineering (CeNSE) in Indian Institute of Science (IISc) -, Bengaluru,
- Workshop on “Role of Pharmacists in Medication Safety and Patient Counselling” on 14<sup>th</sup> & 15<sup>th</sup> Sept 2018 organized by University Department of Education For Health Professionals (UDEHP), KLE University, Belagavi, KLE University’s College of Pharmacy, Bengaluru.
- Seminar on “Research Methodology and Biostatistics- Applications in Clinical Research” held on 21<sup>st</sup> & 22<sup>nd</sup> April 2018 organized by Dr.Prabhakar B Kore Basic Science Center, Off Campus, Bengaluru, in association with KLE University, Belagavi.
- Workshop on “Computer Aided Drug Design ” on 15<sup>th</sup> & 16<sup>th</sup> Sept 2017 organized by Krupanidhi College of Pharmacy, Bengaluru in association with Schrodinger.
- Seminar on “The Art of Communicating Science” held on 8<sup>th</sup> & 9<sup>th</sup> September 2017 organized by Dr.Prabhakar B Kore Basic Science Center, Off Campus, Bengaluru, in association with KLE University, Belagavi
- Seminar on “Principles and Application of NMR” held on 31/1/2017 organized by Dr.Prabhakar B Kore Basic Science Center, Off Campus,Bengaluru,in association with KLE University, Belagavi
- Workshop on “Research Process, Biostatistics, Communicating Science, Research Ethics and Grantsmanship” on 11<sup>th</sup> & 12<sup>th</sup> Nov 2016 Organized by Sri Adichunchanagiri College of Pharmacy,BG Nagara,Mandya Dist.Karnataka
- Workshop on “Orientation Program for Newly Recruited Faculty” on 12<sup>th</sup> Aug 2016 organized by University Department of Education For Health Professionals(UDEHP), KLE University, Belagavi, KLE University’s College of Pharmacy, Bengaluru.
- Workshop on “Recent Advances in Novel Drug Delivery Systems” on 29<sup>h</sup> July 2016 organized by University Department of Education For Health Professionals (UDHP), KLE University’s College of Pharmacy, Bengaluru.
- 67<sup>th</sup> Indian Pharmaceutical Congress held at Mysuru in 2015.
- National conference on “Filling the Gap .....Between Pharmacist and Patients: Working Together Across Pharmacy and Community Health Care” on oct 5<sup>th</sup> 2015 at Nargund College Of Pharmacy
- 63<sup>rd</sup> Indian Pharmaceutical Congress held at Bangalore in 2011.
- 62<sup>nd</sup> Indian Pharmaceutical Congress held at Manipal in 2010.

- National seminar on “Research Implications and Skill Development Techniques in Pharmaceutical Sciences” held at Sri Adichunchanagiri College of Pharmacy in 2010
- International conference on “Current Status and Future Perspective in Pharmaceutical Sciences” held at PES College of Pharmacy in 2010
- State level conference on “Inflammatory Diseases: Basic knowledge of Disease, Novel Treatments, Synthesis of Drugs and Marketing” at Al-meen College of Pharmacy in 2010.

### **POSTER/ORAL PRESENTATION:**

- Oral presentation on “Research on Stilbene Derivatives: Synthesis, Molecular Docking and Anticancer activity” at 4th World Congress on Drug discovery and Development -2023 an international conference held on 29th October 2023 at J.N Tata Auditorium ,IISC, Bengaluru.
- Oral presentation at “10th edition of the World Conference on Pharmaceutical Sciences & Drug Manufacturing” on “Synthesis, Anticancer and Molecular Docking Studies of Resveratrol Derivatives” on 6th & 7th July 2023 Organized by APR virtually on Zoom
- Poster presentation in international conference on “Synthesis and Evaluation of Some novel Resveratrol derivatives of Biological interest” held at Vishnu Institute of Pharmaceutical Education and Research, Telangana ,on 11th April 2022.
- Poster presentation in two day National conference on “Synthesis and Characterization of Resveratrol Derivatives” held at Krishna Teja Pharmacy College, Tirupati, from 7<sup>th</sup> & 8<sup>th</sup> Feb 2020.
- Poster presentation in two day International conference on “Synthesis, Evaluation and QSAR of some substituted Benzimidazole derivatives” held at Bhaskar Pharmacy College, Telangana, from 3<sup>rd</sup> & 4<sup>th</sup> Jan 2020.
- Poster presentation in 1<sup>st</sup> International Conference on “Synthesis And Evaluation of Some Novel Stilbene Derivatives of Biological Interest” held at Ramaiah College of Arts, Science and Commerce, Bengaluru from 24<sup>th</sup> – 26<sup>th</sup> Oct 2019.
- 6<sup>th</sup> International Conference on “Synthesis and Antimicrobial Activity of Some Stilbene Derivatives” held at PES University, Bengaluru from 18<sup>th</sup> & 19<sup>th</sup> Oct 2019.
- Poster presentation in IPC (Indian Pharmaceutical Congress) held in 2015 at Mysuru on “Anti-stress Activity of *Euphorbia thymifolia* Linn Root on Female Reproductive Dysfunction in Rats”.
- Poster presentation in IPC (Indian Pharmaceutical Congress) held in 2011 at Bangalore on “Synthesis And Characterization Of N<sup>2</sup>-Substituted Benzene Sulfonyl N<sup>1</sup>- 5-Substitutedbenzofuran-2-Carbohydrazides”.
- Poster presentation in PES College in 2010.



- Poster presentation in National seminar held in Sri Adichunchanagiri college of Pharmacy on “Synthesis of Chitosan derivatives and their application in pharmaceutical formulation” held on Sept.23<sup>rd</sup> 2010.
- Poster presentation in IPC (Indian Pharmaceutical Congress) held in 2010 at Manipal on “Microwave assisted parallel synthesis of imidazole derivatives for their biological activity”

### **Details of Guest talk/Seminars/Conferences/Workshops organized**

<b>Sponsoring Agency</b>	<b>Title/Theme</b>	<b>Duration/ Dates</b>	<b>Extent of involvement (as coordinator/ Team member, Committee member)</b>
KLECOP, Bengaluru	“Applications of NMR in pharma and industry ”	01 day 06/10/2023	Co-ordinator
KLECOP, Bengaluru	“Study Abroad Options for Pharmacy students”	01 day 04/10/2023	Co-ordinator
KLECOP, Bengaluru	'Significance of Intellectual Property Rights (IPR) in Research"	01 day 03/10/2023	Co-ordinator
KLECOP, Bengaluru	“Accelerative Learning Programme”	01 day 06/09/2023	Convenor
KLECOP, Bengaluru	“Medicine With Human Touch”	01 day, 11/02/2023	Member
KLECOP, Bengaluru	AI Based Drug Discovery and Drug Repurposing using in silico Drug Discovery Software PRinS	01 day, 19/03/2022	Member
KLECOP, Bengaluru	Personality Development – Self-understanding and Positivity	01 day, 12/03/2022	Convenor
KLECOP, Bengaluru	“Career Opportunities After Graduation"	01 day 29/09/2022	Co-ordinator
KLECOP, Bengaluru	“Mind Mastery for Career Growth”	01 day  19/04/2022	Member
KLECOP, Bengaluru	“How to Prepare for Competitive Exam”	01 day 18/04/2022	Member
KLECOP, Bengaluru	“Higher Education and Career Opportunities Overseas”	01 day 13/04/2022	Member
KLECOP, Bengaluru	“Career Opportunities in Pharma"	01 day 09/04/2022	Co-ordinator
KLECOP, Bengaluru	“Components of Success"	01 day 08/04/2022	Co-ordinator
KLECOP, Bengaluru	Stability Studies	01 day, 05/02/2022	Co-ordinator
KLECOP, Bengaluru	Impurity Profiling and Regulatory Expectations	01 day, 08/01/2022	Co-ordinator

### **AWARD**

- Won 1st prize for Oral presentation on “Research on Stilbene Derivatives: Synthesis, Molecular Docking and Anticancer activity” at 4th World Congress on Drug discovery and Development -2023 an international conference held on 29th October 2023 at J.N Tata Auditorium ,IISC, Bengaluru.
- Won 1st prize for oral presentation at 10thWorld Conference on Pharmaceutical Science and Drug Manufacturing on 6th and 7th July 2023
- Best Speaker for the debate competition on the topic “Politician should have minimal graduate educational qualification” held on the occasion of Teachers Day Celebration on 5<sup>th</sup> Sep 2018 at Belgaum.
- ‘Chemistry e-Quiz competition’ organized by Department of Applied Sciences and Humanities, MIT Art, Design and Technology University, Pune on occasion of National Science Day 28th February 2023. Score for e-Quiz is 68%.

### **AS RESOURCE PERSON**

- Chairing a session at 4<sup>th</sup> World Congress on Drug discovery and Development -2023 an international conference held on 29<sup>th</sup> October 2023 at J.N Tata Auditorium ,IISC, Bengaluru.
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### **MEMBERSHIP**

- Membership as a life member in Association of Pharmaceutical Teachers of India (APTI).  
Membership number KA/LM/1114.
- Member of National TPO Club (NTC0198)

### **EXTRA CURRICULUM**

- Received many awards in various academic and cultural programs such as debate, quiz, essay writing, dance, singing, drama, fancy dress...etc.
- Attended various camps from Karnataka Scouts and Guides.
- Magazine committee member in MSRCP in the year 2008 and designed the cover page of the magazine “INSPIRATION”2008

### **AREAS OF INTEREST**

- Pharmaceutical Research and Teaching.
- Main motto is to fill the gap between Patients and Pharmacist.

### **COMPUTER SKILLS:**

Operating System, Windows package, MS-office, Excel, Internet Explorer.