

**Prof. (Dr.) SUNIL S. JALALPURE** M. Pharm., Ph.D.

Principal & Professor, Department of Pharmacognosy, KLE College of Pharmacy, Belagavi  
KLE Academy of Higher Education and Research, Belagavi, Karnataka, India

**Professional Experience:** Total: 25 years

**DOB:** 22/07/1974

**Marital Status:** Married

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**Area of Research:** Isolation/ characterization of active principles from medicinal plants and their pharmacological screening for various biological activities and training the research students in Pharmacognosy, Phytochemistry and Biotechnological aspects with modern tools and techniques. He is recently involved in nanoparticle drug delivery system of herbal actives and green nanotechnology.

**Grants Received:** Received financial support from various funding agencies like UGC, AICTE, DST and ICMR for research projects.

**Research Publications:** 183    National: 95    International: 88

**Top 05 Publications**

1. Jagwani S, **Jalalpure S**, Dhamecha D, Jadhav K, Bohara R. Pharmacokinetic and pharmacodynamic evaluation of resveratrol loaded cationic liposomes for targeting hepatocellular carcinoma. ACS Biomaterials Science & Engineering. 2020 Jul 27;6(9):4969-84. (IF: 4.749).
2. Kurangi B, **Jalalpure S**, Jagwani S. A validated stability-indicating HPLC method for simultaneous estimation of resveratrol and piperine in cubosome and human plasma. Journal of Chromatography B. 2019, Vol.1122-1123, 39-48. (IF: 3.2).
3. Dinesh Dhamecha, **Sunil Jalalpure**, Kiran Jadhav, *Nepenthes khasiana* mediated synthesis of stabilized gold nanoparticles: characterization and biocompatibility studies, Journal of Photochemistry and Photobiology B: Biology, 154, 2016, 108-117 (IF: 6.252).

4. Dhamecha D, **Jalalpure S**, Jadhav K, Jagwani S, Chavan R. Doxorubicin loaded gold nanoparticles: Implication of passive targeting on anticancer efficacy. Pharmacological Research. 2016 Nov 30; 113:547-56 (IF: 7.658).
5. Nagaraj Kumar Nannapaneni, **Sunil S. Jalalpure**, A sensitive and rapid UFLC-APCI-MS/MS Bioanalytical method for quantification of endogenous and exogenous Vitamin K1 isomers in human plasma: development, validation and first application to a pharmacokinetic study, Talanta 2017 Mar 1;164:233-43.(IF: 6.057).

## **Patents/ Intellectual Property Rights (14):**

### **PATENT GRANT: 08**

<p><b>1. Title of the invention</b> : Monoolein based self-assembled Resveratrol and Piperine loaded Cubosome for the management of Melanoma using Transdermal Cubogel</p> <p><b>Names of the inventers</b> : Mr. Bhaskar Kurangi, Dr. Sunil Jalalpure et al</p> <p><b>Application Number</b> : 202141018014 A</p> <p><b>Date of filing of application</b> : 19/04/2021</p> <p><b>Date of publication</b> : 30/04/2021</p> <p><b>International classification</b> : A61K0031050000, A61K0031452500, A61K0047240000, A61K0031355000,A23K0020132000</p>
<p><b>2. Title of the invention</b> : “A Novel Burn Wound Healing Apparatus”</p> <p><b>Names of the inventers</b> : Sunil Jalalpure, Bhaskar Kurangi, Dnyaneshwar Nirmale</p> <p><b>Design No</b> : 363757-001</p> <p><b>Date of filing of application</b> : 05/05/2022</p> <p><b>Date of grant</b> : 25/04/2023</p>
<p><b>3. Title of the invention</b> : Development of Berberine Loaded Cubosomal Nanoformulation for the Topical Treatment of Acne</p> <p><b>Application No.</b> : 202241054958 A</p> <p><b>Date of filing of Application</b> : 26/09/2022</p> <p><b>Date of Publication</b> : 7/10//2022</p>

**4. Title of the invention** : CAGE FOR RODENTS  
Names of the inventors : **Dr. Sunil Jalalpure**, Dr. Bhaskar Kurangi, Dnyaneshwar Nirmale, Swapnil Patil, Suneel Dodamani.  
Application Number : 375862-001  
Date of filing of application : 20/12/2022  
Date of publication : 13/02/2023

**5. Title of the invention** : Quercetin Loaded Nanostructured Liquid Crystalline Dispersion For the Management of Melanoma Skin Cancer  
Names of the inventors : Dr. Bhaskar Kurangi & **Dr. Sunil Jalalpure et al.**  
Application Number : 202241053410 A  
Date of filing of application : 19/09/2022  
Date of publication : 23/09/2022

6. Title of the invention : "A Novel Burn Wound Healing Apparatus"  
Names of the inventors : **Sunil Jalalpure**, Bhaskar Kurangi, Dnyaneshwar Nirmale  
Design No : 363757-001  
Date of filing of application : 05/05/2022  
Date of grant : 25/04/2023

**7. Title of the invention** : Cage for Recording Animal Behavior  
Names of the inventors : **Dr. Sunil Jalalpure et al.**  
Application Number : 374612-001  
Date of filing of application : 24/11/2022  
Date of publication : 16/02/2024

**8. Title of the invention** : An improved method for quantitative determination of Adenosine in Adenosine Solution for Injection.  
Names of the inventors : **Chandrawadan Panchal and Dr. Sunil Jalalpure et al.**  
Application Number : 201721004362A  
Date of filing of application : 07/02/2017  
Date of publication : 14/03/2024

## PATENT PUBLISHED: 06

<b>1. Title of the invention</b>	: Evaluation of Anti-Inflammatory Potentials Of <i>Pongamia Pinnata</i> Loaded Phytosomes
Names of the inventors	: Sneha B. Patil Dr. Archana S. Patil, Dr. Mrityunjaya B. Patil, Dr. <b>Sunil S. Jalalpure</b>
Application Number	: 202441091648 A
Date of filing of application	: 25/11/2024
Date of publication	: 29/11/2024
<b>2. Title of the invention</b>	: Quercetin Loaded Nanostructured Liquid Crystalline Dispersion For the Management of Melanoma Skin Cancer
Names of the inventors	: Dr. Bhaskar Kurangi & <b>Dr. Sunil Jalalpure et al.</b>
Application Number	: 202241053410 A
Date of filing of application	: 19/09/2022
Date of publication	: 23/09/2022
<b>3. Title of the invention</b>	: Development of In-Situ Gel Forming Vinpocetine Loaded Niosomes For Brain Delivery
Names of the inventors	: Dr. Bhaskar Kurangi & <b>Dr. Sunil Jalalpure et al.</b>
Application Number	: 202241051540 A
Date of filing of application	: 9/09/2022
Date of publication	: 16/09/2022
<b>4. Title of the invention</b>	: Nanostructured Lipid Carriers (NLCs) Based Transdermal Patches of Colchicine.
Names of the inventors	: JOSHI S.A. & <b>JALALPURE S. S.</b>
Application Number	: 201821015784 A
Date of filing of application	: 26/04/2018
Date of publication	: 22/06/2018
International classification	: A61K31/353
<b>5. Title of the invention</b>	: A method of extraction and purification of phytoconstituents from botanical materials.

Names of the inventers	:	Gadage Navneet and <b>Jalalpure Sunil</b>
Application Number	:	2524/MUM/2010
Date of filing of Application	:	14/09/2010
Date of Publication	:	29/04/2011
<b>6. Title of the invention</b>	:	Diuretic and antiurolithiatic herbal composition and use thereof.
Names of the inventers	:	Gadage Navneet and <b>Jalalpure Sunil</b>
Application Number	:	2209/MUM/2010
Date of filing of application	:	04/08/2010
Date of publication	:	01/10/2010

#### **Book Authored:**

1. A text book of Pharmaceutical Biotechnology, Elsevier Publications. Authors: Kokate CK, **Jalalpure Sunil**, Hurakadle PJ
2. A text book on “Chemistry of Natural Products” [For Undergraduate & Postgraduate Students in Pharmaceutical Sciences]  
 Publisher: Nirali Prakashan, ISBN: 9789388897778, Year: April 2019, 195 Pages  
 Authors: **Dr. Sunil S. Jalalpure**, Hamid Yahiya Hasni Sayyed, Dr. Javesh K. Patil
3. A Text Book on “A Textbook of Herbal Drug Technology”  
 Publisher: Vallabh Prakashan, ISBN: 9789385529276, Year: 2020, Pages: 168  
 Authors: **Sunil S. Jalalpure**, Bhaskar K Kurangi
4. A Text Book on “Quality Control and Standardization of Phytomedicines”  
 Publisher: Nirali Prakashan, Serial Number: N2375 Year: 2022.  
 Authors: **Dr. Sunil S. Jalalpure**, Dr. Bhaskar K. Kurangi, and Shailendra Suryavanshi
5. Textbook of “Computer aided drug design of Phytochemicals” Nirali Prakashan, Pune  
 Publisher: Nirali Prakashan, Serial Number: N2375 Year: 2022.  
 Authors: **Dr. Sunil S. Jalalpure**, Mr. Shailendra Suryavanshi
6. A Text Book on “Intellectual Property Rights”  
 Publisher: Nirali Prakashan, Serial Number: 978-93-90596-32-4 Year: 2023.

Authors: Dr. Sunil S. Jalalpure, Dr. Bhaskar K. Kurangi, and Mr. Nirmale DN

7. Textbook of “Pharmacognosy and Phytochemistry- I, Nirali Prakashan, Pune

ISBN:936109353-0

Authors: **Dr. Sunil S. Jalalpure**, Mr. Akshay K Patil

**Book Chapters:** A book chapter on “Herbosomes” published in Book NanoBioMedicine, Volume-6 (Drug NanoCarriers). Authors: Kokate CK, **Jalalpure SS**, Pramod HJ.

### Research Grants Received:

### Ongoing Projects:

Sl. No	Funding Agency	Title of Grant	Title of Project	Amount Rs.	Date of sanction and Duration
1.	Karnataka Innovation and Technology Society, Govt. of Karnataka	(NAIN 2.0)	New Age Innovation Network 2.0 (NAIN 2.0)	2.16 Crores	21 <sup>st</sup> August 2024.

### Awards and achievements:

1. Recipient of the “Awards for Outstanding Research Publications (AORP)” by the Vision Group on Science and Technology, Department of Electronics, IT, BT and S & T, Government of Karnataka for publishing quality research publications in reputed National & International journals in the stream of Pharmacy. Also received cash incentive of Rs.25, 000/-.
2. Recipient of “SFE Special recognition award -Dr. Subodh Chandra and Mamta Mukharjee memorial award” during KLE-SFEC international conference held on 6-8th march 2025.
3. Recipient of “Leadership in research excellence 2024” by Sunpure extract pvt ltd, Ghaziabad
4. Recipient of the “**Dr. M. D. Kharaya National Award**” for Research and Excellence in Pharmacognosy by Association of Pharmacy Teachers of India (APTI) on 27<sup>th</sup> September 2024 at Utkal University, Odisha.

5. **Prof. M. L. Schroff “Pharma recognition award”** for the contribution made towards teaching profession and quality to enhancement of pharmacy education by team pharma lok on the occasion of teacher’s day 5<sup>th</sup> September 2024.
6. Recipient of the **AICTE ‘National Technical Teacher’s Award (NTTA) 2022’ (Visvesvaraya Best Teacher Award)** from the Ministry of Education Govt. of India on 6th September 2022 at Dr. Ambedkar International Centre, Delhi.
7. Recipient of the **“Best Scientist Award”** for the year 2020-21 from KLE Academy of Higher Education and Research, Belagavi.
8. Received cash incentive of Rs.32,447/- form KLE Academy of Higher Education and Research, Belagavi on 3rd February 2022 for the Financial Grant Received from the Funding Agency (AICTE-RPS in 2019-20)
9. Recipient of the **“Awards for Research Publications (ARP)”** for the year 2019-20 by the Vision Group on Science and Technology, Department of Electronics, IT, BT and S & T, Government of Karnataka on 29th April 2022 at Jawaharlal Nehru Centre for Advanced Research, Bangalore, Karnataka; for publishing quality research publications in reputed National & International journals in the stream of Pharmacy. Also received cash incentive of Rs.25,000/- .
10. He is granted cash incentives for publishing a Text Book titled **‘Herbal Drug Technology’** in the year 2019-20 and for getting financial grant from ‘Department of Biotechnology, Ministry of Science & Technology, Government of India’ in the year 2019-20, towards active contribution in Research & Publications, by KLE Academy of Higher Education and Research, Belagavi.
11. **“IJPER Al-Ameen College of Pharmacy Award”** for Best Paper in Pharmacognosy Published in “Indian Journal of Pharmaceutical Education & Research (IJPER)” by Association of Pharmaceutical Teachers of India (APTI) during its 24<sup>th</sup> National Annual Convention APTICON-2019, on 12th October 2019 at DIT University, Dehradun, Uttarakhand, India.

12. Paper published in Research Journal of Pharmacy & Technology awarded with **“Dr. P.D. Sethi Memorial National Award 2017 Certificate of appreciation”** by Anchrom Enterprises, Pvt. Ltd.
13. Recipient of the **“Pharmacy Teacher of the Year Award – 2017”** by the Association of Pharmaceutical Teachers of India (APTI), during 22<sup>nd</sup> APTI Annual National Convention 2018 held on 24<sup>th</sup> March 2018 at Lloyd Institute, Greater Noida, New Delhi.
14. Received the **“Best Research Publication award for the year 2017”** by the Association of Pharmaceutical Teachers of India (APTI); during 22<sup>nd</sup> APTI Annual National Convention 2018 held on 24<sup>th</sup> March 2018 at Lloyd Institute, Greater Noida, New Delhi.
15. Received **‘ISP Eminence Award-2018’** by the Indian Society of Pharmacognosy for distinguished contributions to the society of Pharmacognosy and recognition in teaching and research in Pharmacognosy stream, during the 22<sup>nd</sup> National Convention of Society of Pharmacognosy on 20<sup>th</sup> January 2018 at Ganpat University, Mehsana, Gujarat.
16. Received **STARS (Sri Subbaraya Setty Teachers and Research Students) Award 2017** on 12<sup>th</sup> August 2017, for teachers for **"Excellence in Academic Research"** in recognition of his merit in academic research and motivating young Pharmacy students instituted by American Association of Government College of Pharmacy (Bengaluru) Alumini, New York, USA.
17. Received **Best Young Scientist award for the year 2011-12** from KLE University, Belagavi.
18. **National Level Young Pharmacy Teacher Award** for the year 2012 at the 17th (APTI) Association of Pharmaceutical Teachers of India Annual Convention hosted by Manipal University, Manipal, Udupi, Karnataka, on 12th October 2012
19. **Best Teacher Award – 2011** from KLE University on Teacher’s Day.
20. Received travel grant from AICTE under Young Scientist Category to present research paper in World Congress on Medicinal & Aromatic Plants at Cape Town, South Africa.

### **Project work guided**

**Ph.D. Projects:** Ongoing (10+5); Completed 24

## **M. Pharm and M.Sc (Biotech.) project: 57**

**Post-Doctoral: 1**

### **Professional affiliations:**

1. Deputy Director, Research and Development Cell, KAHER, Belagavi.
2. Chairperson, Board of Studies in Pharmacy (Postgraduate, Pharm D, and Clinical Research), KAHER, Belagavi.
3. Editorial Board member, Journal of Modern Pharmacology and Pathology, June 2022-till date.
4. Associate Editor, Journal of Natural Remedies, 31st October 2015 to till date
5. Vice President, Society of Pharmacognosy at National Level
6. Secretary, All India Level Indian Cosmetic Technologists Association.
7. Member, Executive committee (Karnataka State) Society of Pharmacognosy, India.
8. Member, Academic council, KLE University, Belagavi, Karnataka.
9. Member, Board of Studies for PG, KLE University, Belagavi, Karnataka.
10. Life member, Indian Pharmaceutical Association.
11. Life member, Indian Society of Pharmacognosy.
12. Life member, Association of Pharmaceutical Teachers of India.
13. Member, Local Inspection Committee RGUHS for the year 2006-07.
14. Member, Anti-ragging Squad Committee, KLE University, Belagavi,(2000–2013).
15. Member, Clean and Green Campus, KLE University, Belagavi.
16. Joint Secretary, Indian Pharmaceutical Association Local Branch Belagavi, Karnataka in 2005-06.
17. Member, University Library Committee, KLE University, Belagavi (2008–2012).
18. Member, Institutional Animal Ethical Committee, KLE University's College of Pharmacy, Belagavi (2010-2015)
19. Member, Research Committee, USM-KLE International Medical Programme, Belagavi.
20. Member, Institutional Ethics Committee, KLE V.K. Institute of Dental Sciences, Belagavi.
21. Convener, Research Advisory Committee of KLE University, Belagavi.

22. Chairman, University Committee for Promotion and Development of Scientific Research Manuscript Writing Skills, KLE University, Belagavi.
23. Assistant Editor, Indian Journal of Health Sciences and Biomedical Research KLEU, Belagavi.
24. Member, Board of Studies (Pharmacognosy), Savitribai Phule Pune University, Pune, Maharashtra.
25. Controller of Examinations, KAHER, Belagavi.
26. Deputy Director, KAHER's Dr. Prabhakar Kore Basic Science Research Center, Belagavi.
27. Vice-President, Society of Pharmacognosy.
28. Assessor, National Assessment and Accreditation Council.
29. Permanent Invitee, Board of Management, KAHER.
30. Principal, KLE College of Pharmacy, Belagavi, KAHER.
31. Joint Secretary, KLE Society, Belagavi.
32. Life Member, Society of Pharmaceutical Education & Research
33. Life Member, Indian Pharmacy Graduates Association
34. Life member, Society for Ethanopharmacology
35. Member, Academic Council, Shri Dhanvantari Pharmacy College, Kudsad, Surat, Gujarat