


## BIO-DATA

|           |   |  |                             |                              |   |
|-----------|---|--|-----------------------------|------------------------------|---|
| <b>1</b>  | <b>Name</b>                                       | <b>Dr. J. Thimmasetty</b>  |                             |                              |  |
| <b>2</b>  | <b>Designation</b>                                | Professor  |                             |                              |   |
| <b>3</b>  | <b>Date of Birth</b>                              | 19/09/1970   |                             |                              |   |
| <b>4</b>  | <b>Residential Address</b>                        | 3451, 6 <sup>th</sup> Cross, 2 <sup>nd</sup> Main, MCC 'B' Block, Davangere-577004   |                             |                              |   |
| <b>5</b>  | <b>Contact No.</b>                                | Landline (Home):08192-222193<br>Landline (Office):08192-221459<br>Mobile:09844777510   |                             |                              |   |
| <b>6</b>  | <b>E-mail</b>                                     | thimmasetty@yahoo.com  |                             |                              |   |
| <b>7</b>  | <b>Qualification</b>                              | <b>Year of Passing</b>   | <b>Class of passing</b>     | <b>University</b>            | <b>Field of specialization</b>  |
|           | B. Pharm.   | 1993   | First Class                 | Mysore University            | Pharmacy  |
|           | M. Pharm.   | 1995   | First Class                 | Gulbarga University          | Pharmaceutics   |
|           | Ph.D.   | 2010   |                             | Vinayaka Missions University | Solubility and related properties of pimozide and celecoxib                         |
| <b>8</b>  | <b>Date of Joining institution</b>                | 03/09/1998   |                             |                              |   |
| <b>9</b>  | <b>Experience</b>                                 |  |                             |                              |   |
|           | <b>Designation</b>                                | <b>From</b>  | <b>To</b>                   | <b>Total</b>                 |   |
|           |   |  |                             | <b>Years</b>                 | <b>Months</b>   |
|           | Lecturer at TVM College of Pharmacy, Bellary      | 01/11/1995   | 31/08/1998                  | 2                            | 10  |
|           | Lecturer  | 03/09/1998   | 31.08.2003                  | 5                            | 0   |
|           | Senior Lecturer                                   | 1.9.2003   | 31.03.2006                  | 2                            | 7   |
|           | SG Lecturer                                       | 1.4.2006   | 13.11.2007                  | 1                            | 6   |
|           | SG Lecturer & HOD                                 | 13.11.2007   | 31.3.2012                   | 4                            | 5   |
|           | Professor & HOD                                   | 1.4.2012   | April 2024                  | 12                           | 0   |
|           | <b>Total teaching experience as on April 2024</b> |  |                             | 28                           | 6   |
|           | <b>Total research experience as on April 2024</b> |  |                             | 24                           | 6   |
| <b>10</b> | <b>APTI Registration No.</b>                      | KA/LM-187  |                             |                              |   |
| <b>11</b> | <b>KSPC Registration No.</b>                      | 21926  | <b>Date of Registration</b> | 30-Sep-96                    |   |
| <b>12</b> | <b>TIN NO.</b>                                    | P0559  |                             |                              |   |
| <b>13</b> | <b>Research Grants</b>                            |  |                             |                              |   |
|           | <b>Year</b>                                       | <b>Funding agency</b>  | <b>Amount in Rs.</b>        | <b>Ongoing/ Completed</b>    |   |
|           | 2008-2009   | RGUHS sponsored project "Preformulation studies of an antipsychotic drug in an intention to improve its solubility"                        | Rs. 30,000/-                | Completed                    |   |
|           | 2009-2010   | RGUHS sponsored project "Mutual interactions of sparfloxacin and methylxanthines at molecular level – its implications in pharmacotherapy" | Rs. 40,000/-                | Completed                    |   |
|           | 2010-2011   | RGUHS sponsored project "Formulation and evaluation of buccal patches containing   | Rs. 15,000/-                | Completed                    |   |

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|            |  | azythromycin for periodontitis.”  |              |   |
| March 2015 |  | RGUHS sponsored project “Comparative evaluation of the efficacy of <i>Ocimum Sanctum</i> (Tulsi) extract mouth wash with Chlorhexidine 0.2% w/v on oral candidiasis – a Preliminary, <i>in vitro</i> and <i>in vivo</i> study” (Coguide of the project) | Rs. 75,000/- | Completed                                 |
| 2016       |  | RGUHS sponsored project “A ‘spring and parachute’ approach to design solid paliperidone formulations for effective management of schizophrenia”.  | Rs 3.0 lakhs | Completed                                 |
| 2017       |  | RGUHS sponsored project “Development of supersaturable modafinil delivery systems via solid state manipulation”.  | Rs 3.0 lakhs | Completed                                 |
| 2017       |  | RGUHS sponsored project “The new application of solubility parameter for predicting the antibacterial activity of moxifloxacin” (Coguide of the project)  | Rs 1.5 lakhs | Completed                                 |
| 2019       |  | RGUHS sponsored project “Novel approach to the challenging disease via herbal mucoadhesive products”. (Student project)   | Rs. 15,000/- | Completed                                 |
| 2022       |  | RGUHS sponsored project “Cocrystallization of poorly soluble drug: Prediction of cocrystallization, synthesis, solid state characterization and <i>in vitro</i> drug release” (Student project).  | Rs. 15,000/- | Completed                                 |
| <b>14</b>  | <b>Workshops/Conferences/FDP/Seminars attended</b> |   |              |   |
|            | Date   | Name of the conference  | Place        | Attended as                               |
|            | December 1992                                      | 42 <sup>nd</sup> IPC  | Bangalore    | Participant                               |
|            | December 2000                                      | 52 <sup>nd</sup> IPC  | Hyderabad    | Participant                               |
|            | December 2002                                      | 54 <sup>th</sup> IPC  | Pune         | Participant                               |
|            | December 2003                                      | 55 <sup>th</sup> IPC  | Chennai      | Participant                               |
|            | December 2005                                      | 57 <sup>th</sup> IPC  | Hyderabad    | Participant                               |
|            | December 2010                                      | 62 <sup>nd</sup> IPC  | Manipal      | Participant                               |
|            | December 2011                                      | 63 <sup>rd</sup> IPC  | Bangalore    | Participant                               |
|            | March 1997   | 2 <sup>nd</sup> APTI Convention   | Bangalore    | Participant                               |
|            | March 1998   | 3 <sup>rd</sup> APTI Convention   | Karad        | Participant                               |
|            | October 2003                                       | 8 <sup>th</sup> APTI Convention   | Hubli        | Participant                               |
|            | September 2006                                     | 10 <sup>th</sup> APTI Convention  | Bangalore    | Participant                               |
|            | October 2016                                       | 21 <sup>st</sup> APTI Convention  | Manipal      | Participant & Poster evaluator            |
|            | October 2018                                       | KAPTICON 2019   | Raichur      | Participant & Poster/Oral presn evaluator |

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| 15 <sup>th</sup> Nov to 26 <sup>th</sup> Nov 1999  | AICTE-ISTE Sponsored Short Term Training Programme  | Al-Ameen College of Pharmacy, Bangalore           | Participant |
| 16 <sup>th</sup> November 1999                     | One day seminar on Internet Technologies  |   |             |
| 23 <sup>rd</sup> to 24 <sup>th</sup> November 2003 | AICTE-KUPAH Sponsored National Workshop   | G. Pullareddy College of Pharmacy, Hyderabad      | Participant |
| 14 <sup>th</sup> to 19 <sup>th</sup> March 2005    | AICTE Sponsored Quality Improvement Programme on Recent Trends in Pharmaceutical Formulation Technology   | J.S.S. College of Pharmacy, Ootacamund            | Participant |
| 23 <sup>rd</sup> April 2005                        | American Association of Government College of Pharmacy (Bangalore) Alumni, New York, USA and Al-Ameen College of Pharmacy, Bangalore Sponsored one day workshop on Science of Scientific Writing  | GM Rejoyz Auditorium & Banquet, Bangalore         | Participant |
| 22 <sup>nd</sup> August, 2008                      | RGUHS sponsored one day workshop on “HELINET Training and Continuing Education Program”   | RGUHS, Jayanagar, Bangalore                       | Participant |
| 25 <sup>th</sup> to 27 <sup>th</sup> June 2015 at  | AICTE Sponsored National Seminar on “Spring and Parachute Technologies for Oral Bioavailability of BCS Class II Drugs”  | Gokaraju Rangaraju College of Pharmacy, Hyderabad | Speaker     |
| 5 <sup>th</sup> Nov 2016                           | National conference on “Recent trends and future applications of chemical sciences (RIFACS-2016)”   | Davangere University                              | Participant |
| 11 <sup>th</sup> Nov 2017                          | National seminar on “The evolution of modern trends in pharmacy practice”   | Bapuji Pharmacy College, Davangere                | Participant |
| <b>16</b>  | <b>Poster Presentations in conferences</b>  |   |             |
|  | <ol style="list-style-type: none"> <li>1. <b>J. Thimmasetty</b>, C.V.S. Subrahmanyam, Ravikiranbabu N., Mallikarjun. (2003) “Solubility behaviour of furosemide in different solvent blends”, presented at 54<sup>th</sup> IPC, Pune.</li> <li>2. <b>J. Thimmasetty</b>, Manish Kumar D, C.V.S. Subrahmanyam, K. Manjunath, Shivanand K. (2005) “Preparation, <i>in vitro</i>, and <i>in vivo</i> evaluation of fexofenadine HCl buccal mucoadhesive films”, presented at 57<sup>th</sup> IPC, Hyderabad.</li> <li>3. <b>J. Thimmasetty</b>, C.V.S. Subrahmanyam, S. Pradeep, P.R. Kulkarni (2006) “Solubility behaviour of hydrochlorothiazide in different solvent blends”, presented at 11<sup>th</sup> APTI, Bangalore.</li> <li>4. K. Manjunath, K. Patel Meghana, K.V. Rudresha Prasad, <b>J. Thimmasetty</b>,</li> </ol> |   |             |

- C.V.S. Subrahmanyam, (2006) Development and *in vitro* evaluation of atenolol nanoparticles. Presented at 11<sup>th</sup> APTI, held at Bangalore.
5. P.R. Sathesh Babu, **J. Thimmasetty**, K. Valliappan, R. Manavalan, C.V.S. Subrahmanyam (2007) "Solubility behaviour of meloxicam in different solvent blends". Presented at 59<sup>th</sup> IPC, held at Varanasi.
  6. T. Mulani Haresh kumar , G. Patel Bipinchandra, K. Manjunath, **J. Thimmasetty**, (2007) "Formulation and in vitro evaluation of sustained release dosage forms containing tramadol hydrochloride". Presented at ICMR sponsored national conference on role of traditional medicines and natural products in management of neurodegenerative disorders, SETCollege of Pharmacy, Dharwad.
  7. G.M. Praveen kumar, B. Basu, **J. Thimmasetty**, CVS Subrahmanyam, B.S. Viswanath. "Design and evaluation of pimozone buccal mucoadhesive patches." Presented at ICMR sponsored national conference on role of traditional medicines and natural products in management of neurodegenerative disorders, SETCollege of Pharmacy, Dharwad.
  8. S. Mandal, **J. Thimmasetty**. "Formulation and evaluation of carvedilol transdermal patches. Presented at ICMR sponsored national conference on role of traditional medicines and natural products in management of neurodegenerative disorders, SETCollege of Pharmacy, Dharwad.
  9. A. Vinaykumar, **J. Thimmasetty**, K.M. Abbas, P.R. Sathesh babu, B.A. Viswanath, CVS Subrahmanyam. "Solubility, solubility parameter, and polymorphic behaviour of modafinil." Presented at ICMR sponsored national conference on role of traditional medicines and natural products in management of neurodegenerative disorders, SETCollege of Pharmacy, Dharwad.
  10. Gururaj Shettar, Parikh Dhaval Kiritkumar, **J. Thimmasetty**. Design and in vitro evaluation of sustained release nimesulide floating tablets with racemethionine. Presented at ICMR sponsored national conference on role of traditional medicines and natural products in management of neurodegenerative disorders, SETCollege of Pharmacy, Dharwad.
  11. Bhavik S.R., Kruthvik S.S., Bipin G.P., Raval M.K., Prabhushankar G.L., Manjunath K.M., **Thimmasetty J.** To prepare and evaluate fast dissolving tablets of tramadol HCl using disintegrant blends for improved efficacy. Presented at AICTE sponsored two days national seminar on recent advances in conventional pharmaceutical dosage forms organized at Department of Pharmaceutical Sciences, Saurashtra University, Rajkot during 6<sup>th</sup> and 7<sup>th</sup> February 2009.
  12. **Thimmasetty J.**, Vishwanath B.A., Subrahmanyam C.V.S., and Vinaykumar A. Solubility parameter determination of carvedilol using a new mathematical model. Presented at 62<sup>nd</sup> IPC, Manipal, December 2010.
  13. Pankaj P., Sonjoy M., Sooraj S.P., and **Thimmasetty J.** Design and in vitro evaluation of fast dissolving tablets of tizanidine hydrochloride. Presented at 62<sup>nd</sup> IPC, Manipal, December 2010.
  14. Satish M., Sumanth C.K., Manjunath K.M., and **Thimmasetty J.** Formulation and evaluation of ocular inserts of timolol maleate for seven days release. Presented at 62<sup>nd</sup> IPC, Manipal, December 2010.
  15. Alkesh N.P., Sonjoy M., and Mehul K.P., and **Thimmasetty J.** Formulation and in vitro evaluation of cost effective oral extended release nifedipine tablets. Presented at 62<sup>nd</sup> IPC, Manipal, December 2010.

16. Gopal M., **Thimmasetty J.**, Basavarajappa A.P., and Subrahmanyam C.V.S. Molecular level interactions of sparfloxacin and methylxanthines. Presented at 63<sup>rd</sup> IPC, Bangalore, December 2011.
17. Subrahmanyam C.V.S., Pavani C.S., **Thimmasetty J.**, and Aravind V.V. Formulation and *in vitro* evaluation of gastro retentive drug delivery system of metoprolol. Presented at DUPHAT-2012 in Dubai 2012.
18. **Thimmasetty J.**, Priyanka SM, Manjunatha KM, Subrahmanyam CVS. Correlation of solubility parameter and antibacterial activity of sparfloxacin. Presented at APTICON 2016, 21<sup>st</sup> APTI Annual National Convention, Manipal University, Manipal, 14<sup>th</sup> to 16<sup>th</sup> October 2016.
19. Shashank N, Sreenivasa U, Shwetha SKK, **Thimmasetty J.** Design and evaluation of in situ ophthalmic gel of moxifloxacin hydrochloride using carboxy methylated tamarind kernel powder. Presented at APTICON 2016, 21<sup>st</sup> APTI Annual National Convention, Manipal University, Manipal, 14<sup>th</sup> to 16<sup>th</sup> October 2016.
20. Tanmoy G, **Thimmasetty J.**, Prakash C. Solid state manipulation of aripiprazole for enhancement of aqueous solubility. Presented in Xenobiotics research in India second annual meeting (Affiliate of the International Society for the study of xenobiotics (ISSX), MS Ramaiah University, Bangalore, 25<sup>th</sup> to 29<sup>th</sup> October 2017.
21. Shashank N, **Thimmasetty J.**, Tanmoy G. Solid state manipulation of modafinil for improving physicochemical properties. Presented in KAAPTICON 2018, 3<sup>rd</sup> Annual convention of APTI (Karnataka State Branch), NET Pharmacy College, Raichur, 26<sup>th</sup> & 27<sup>th</sup> October 2018.
22. Abdul R, **Thimmasetty J.**, Shashank N, TANmoy G. Improvements of physicochemical parameters of paliperidone using co-crystallization approach. Presented in KAAPTICON 2018, 3<sup>rd</sup> Annual convention of APTI (Karnataka State Branch), NET Pharmacy College, Raichur, 26<sup>th</sup> & 27<sup>th</sup> October 2018.
23. Ranjeet S, Manjunath KM, **Thimmasetty J.** Presented in KAAPTICON 2018, 3<sup>rd</sup> Annual convention of APTI (Karnataka State Branch), NET Pharmacy College, Raichur, 26<sup>th</sup> & 27<sup>th</sup> October 2018.
24. **Thimmasetty J.**, Tanmoy G, Shashank N, Abdul R. 'Solid state manipulation of paliperidone for its bioavailability enhancement using precipitation inhibitors, in Conference on drug discovery technologies' **orally presented** in the conference on Drug Design & Discovery Technologies (CDDT-2019) on 21<sup>st</sup> & 22<sup>nd</sup> November 2019 at Ramaiah University of Applied Sciences, Bengaluru, India.
25. Pradeep HK, **Thimmasetty J.**, Girish B. 'Design of mucoadhesive patches of interpolymer complex for risperidone delivery' a poster presented in an International Conference on Advances in Pharmaceutical and Health Sciences 2020 organised by NGSM Institute of Pharmaceutical Sciences, Mangaluru during 20/02/2020 to 22/02/2020.
26. Girish B, Pradeep HK, **Thimmasetty J.**, Rakesh NR. 'Covid 19 Molecular docking study : in silico approach for potential anti-viral and anti-malarial drugs' an **e-poster** presented in a three day international e-conference on Recent trends in drug discovery, diagnostics and therapeutics : A special emphasis on Covid 19 during 2<sup>nd</sup> to 4<sup>th</sup> July 2020 organised by Vignan's foundation for science technology and research.

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|           | <p>27. Girish B, Pradeep HK, <b>Thimmasetty J</b>, Rakesh NR. ‘Covid 19 Molecular docking study : in silico approach for potential anti-viral and anti-malarial drugs’ an <b>e-poster</b> presented in a three day international e-conference on Recent trends in drug discovery, diagnostics and therapeutics : A special emphasis on Covid 19 during 2<sup>nd</sup> to 4<sup>th</sup> July 2020 organised by Vignan’s foundation for science technology and research.</p> <p>28. Tanmoy G, <b>Thimmasetty J</b>, Shashank NN, Shwetha K. Cocrystals of modafinil-nicotinic acid : A novel cocrystal for enhanced bioavailability. Presented in 2<sup>nd</sup> International online conference on Crystals 2020 during 10/11/2020 to 20/11/2020. Sciforum.net published and maintained by MDPI, Switzerland.</p> |   |  |
| <b>17</b> | <b>Guest Lectures presented</b>   |   |  |
|           | <b>Date</b>   | <b>Venue</b>  | <b>Topic</b>   |
|           | 2002  | Aswini Ayurvedic Medical College, Davangere                                       | Drug interactions  |
|           | 2003  | School of Nursing, CG Hospital, Davangere.  | Posology   |
|           | 01/11/2008 to 02/11/2008  | Siddaganga College of Pharmacy, Tumkur  | HRD and Polymorphism   |
|           | 31/01/2010  | Siddaganga College of Pharmacy, Tumkur  | Pilot plant and ISO  |
|           | 14/02/2009  | BIPER, Bangalore  | Crystallization  |
|           | 24/12/2009  | BIPER, Bangalore  | IPR  |
|           | 06/01/2010  | BIPER, Bangalore  | Distillation   |
|           | 24/12/2009  | Karnataka College of Pharmacy, Bangalore  | Crystallization and IPR  |
|           | 30/01/2012 to 16/02/2012 and 12/10/2012   | District Training Institute, Davanagere for Government Hospital Pharmacists       | Counseling while dispensing  |
|           | 22/02/2012  | District Training Institute, Tumkur for Government Hospital Pharmacists           | Counseling while dispensing  |
|           | 2013  | Bhadra Junior College, AVK College for Women, Sir CV Raman PU College, Davanagere | Scope and potential of pharmacy courses  |
|           | 15/02/2014  | Al-Ameen College of Pharmacy, Bangalore   | “Laboratory innovation – Automatic ball mill” in AICTE sponsored “Innovation Promotion Scheme” |
|           | 18/02/2015  | Gujarat Technological University, Ahmedabad, Gujarat                              | “Polymorphism of pharmaceutical solids” in the workshop “Research Week 2015”                   |
|           | 20/02/2015  | Department of Pharmaceutical Sciences, Saurashtra University, Rajkot, Gujarat     | Importance of Solubility Parameter   |
|           | 25 <sup>th</sup> to 27 <sup>th</sup> June   | Gokaraju Rangaraju College of   | Applications and characterization  |

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|-----------|---|--|---|
|           | 2015  | Pharmacy, Hyderabad  | of polymorphism” in AICTE sponsored National Seminar  |
|           | 17/09/2019  | PES’s Rajaram and Tarabai Bandekar College of Pharmacy, Ponda, Goa, Mentored by RUSA, Maharashtra, organized by Faculty Development Centre, Institute of Chemical Technology, Department of Pharmaceutical Sciences and Technology, Mumbai | Quality control of pharmaceutical raw materials       |
|           | 23 <sup>rd</sup> September 2019   | Karnataka College of Pharmacy, Bangalore   | Incoming inventories investigation, how pure is pure? |
|           | 20/11/2019  | Gujarat Technological University, Ahmedabad, Gujarat   | Are your ingredients in pharmaceuticals safe          |
|           | 04/02/2020  | Bharathi College of Pharmacy, KM Doddi.  | PG Learning and Art and Science of Scientific Writing |
|           | 05/03/2020  | Vinayaka Mission’s College of Pharmacy, Salem  | Art and Science of Scientific Writing                 |
|           | 09/11/2021  | AICTE Training and Learning (ATAL) Academy sponsored online FDP organized by KLE College of Pharmacy, Hubli.   | Spring and parachute approach in product development. |
|           | 29/11/2021  | KAHER’s UDEHP sponsored workshop on “Domains and guidelines for effective implementation of practice school in B. Pharm programme” at KLE College of Pharmacy, Hubballi.   | Practical Experience of Practice School               |
|           | 06/12/2021  | Mallige College of Pharmacy, Bangalore   | Evolution of Pharmacy Education in India              |
|           | 17/05/2023  | ABIPER, Bangalore  | How to face students in the classroom                 |
|           | 25/07/2023  | KLE College of Pharmacy, Hubballi  | A Road Map: Research to Publication                   |
| <b>18</b> | <b>Publications as on November 2021</b>   |  |   |
|           | <ol style="list-style-type: none"> <li>1. Thimmasetty J, Suresh Babu C, Udupa N. Preparation and evaluation of buccal dosage forms of insulin, Pharmag, 1996, 8-14. National, Research article.</li> <li>2. Thimmasetty J, Suresh Babu C, Udupa N. Design and evaluation of buccal drug delivery systems, Pharmag, 1996, 14 -22. National, Review article.</li> <li>3. Thimmasetty J, Suresh Babu C, Udupa N. Spectrophotometric determination of isoxsuprine and nylidrin in pharmaceutical preparations, Indian Drugs, 1996, 33(3). ISSN 0019-462X, H Index of Journal:28, National, Research article.</li> <li>4. Sathesh Babu PR, Subrahmanyam CVS, Thimmasetty J, Manavalan R, Valliappan. Extended Hansen’s solubility approach: Meloxicam in individual solvents, Pakistan Journal of Pharmaceutical Sciences, 2007, 20(4), 311-316. ISSN 1011601X, Impact Factor :0682, International, Research article.</li> </ol> |  |   |

5. Sathesh Babu PR, Subrahmanyam CVS, Thimmasetty J, Manavalan R, Valliappan. Solubilization of rofecoxib through cosolvency, *Biomed*, 2007, 2(1), 84-90. ISSN 0973-3965, National, Research article.
6. Sathesh Babu PR, Subrahmanyam CVS, Thimmasetty J, Manavalan R, and Valliappan. Solubility of meloxicam in mixed solvent systems, *Ethiopian Pharmaceutical Journal*, 2007, (25), 23-28. ISSN 1029-5933, International, Research article.
7. Thimmasetty J, Subrahmanyam CVS, Manish Kumar DS, Manjunath K, Shivanand K. Design and evaluation of fexofenadine HCl buccal mucoadhesive patches, *Biomed*, 2007, 2(1), 73-83. ISSN 0973-3965, National, Research article.
8. Thimmasetty J, Pandey GS, Sathesh Babu PR. Design and *in vivo* evaluation of carvedilol buccal mucoadhesive patches, *Pakistan Journal of Pharmaceutical Sciences*, 2008, 21(3), 241-248. ISSN 1011601X, Impact Factor of Journal:0.682, International, Research article.
9. Thimmasetty J, Subrahmanyam CVS, Sathesh Babu PR, Maulik MA, Viswanath BA. Solubility behaviour of pimozone in polar and nonpolar solvents: Partial solubility parameters approach. *Journal of Solution Chemistry*, 2008, 37: 1365–1378. ISSN 0095-9782, Impact Factor of Journal:1.177, International, Research article.
10. Basavarajappa AP, Subrahmanyam CVS, Annamalai AR, Thimmasetty J, Sathesh Babu PR. Mutual interactions of norfloxacin and methylxanthines at molecular level – Its implications in pharmacotherapy, *Biomed*, 2008, 3(1), 73-86. ISSN 0973-3965, National, Research article.
11. Sathesh Babu PR, Subrahmanyam CVS, Thimmasetty J, Manavalan R, Valliappan, Kedarnath SA. Solubility enhancement of cox-II inhibitors by cosolvency approach, *Dhaka University Journal of Pharmaceutical Sciences*, 2008, 7(2), 119-126. ISSN 1816-1820, Impact Factor of Journal 0.18, International, Research article.
12. Thimmasetty J, Subrahmanyam CVS, Viswanath BA, Satheshbabu PR. Solubility parameter estimation of celecoxib by current methods. *Asian Journal of Research in Chemistry*, 2009, 2(2), 188-195. ISSN 0974-4169, International, Research article.
13. Basavarajappa AP, Annamalai AR, Subrahmanyam CVS, Thimmasetty J, Gopal M. Ciprofloxacin interactions with methylxanthines at molecular level and its implications in pharmacotherapy, *Pharmakine*, 2009, 1(3), 17-29. National, Research article.
14. Biswajit Basu, Kevin Garala, Thimmasetty J. Formulation and evaluation of pimozone buccal mucoadhesive patches, *International Journal of Pharmaceutical Sciences and Nanotechnology*, 2010, 2(4), 739-748. ISSN 0974-3278, Impact Factor of Journal:1.79, International, Research article.
15. Raval MK, Sathesh Babu PR, Thimmasetty J, Parikh RK, Sheth NR, Subrahmanyam CVS. Influence of solvents on the crystal habit and properties of rofecoxib and celecoxib: No evidence of polymorphism, *Journal of Pharmaceutical Negative Results*, 2010, 1(2), 40-50. ISSN 0976-9234, Impact Factor of Journal 0.479, National, Research article.
16. Mandal S, Ratan GN, Mulla JS, Thimmasetty J, Kaneriya A. Design and *in vitro* evaluation of gastro retentive sustained release tablets of tizanidine hydrochloride. *Indian Journal of Novel Drug Delivery*, 2010, 2(4), 144-152. ISSN 0975-5500, National, Research article.
17. Mandal S, Thimmasetty J, Ratan GN, Kilarimath BH. Formulation and evaluation of



- carvedilol transdermal patches. International Research Journal of Pharmacy, 2011, 2(1), 237-248. ISSN 2230-8407, Impact Factor of Journal:0.751, International, Research article.
18. Tanmoy Ghosh, Thimmasetty J. Microneedles: A new approach to drug delivery. International Journal of Drug Formulation and Research. 2011, 2(6), 109-116. ISSN 2229-5054, Impact Factor of Journal:0.12, International, Review article.
  19. Manjunath K, Subrahmanyam CVS, Thimmasetty J, Nitin KS. Solubility parameter of gatifloxacin and its correlation with antibacterial activity. Journal of Solution Chemistry, 2012, 41:381–391 DOI 10.1007/s10953-012-9803-x. ISSN 0095-9782, Impact Factor of Journal: 1.177, International, Research article.
  20. Mandal S, Manjunath KM, Thimmasetty J, Prabhushankar GL, Geetha MS. Formulation and evaluation of in situ gel-forming ophthalmic formulation of moxifloxacin hydrochloride. International Journal of Pharmaceutical Investigation. 2012, 2(2), 25-29. ISSN 2230-973X, International, Research article.
  21. Haresh M, Thimmasetty J, Ratan GN. Formulation development and in vitro evaluation of sustained release matrix tablets of risperidone. Inventi Rapi: Pharm Tech. 2012(4):1-7, 2012. National, Research article.
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|           | 59. Shashank NN, Sindhu SR, Shwetha SKK, Thimmasetty J, Srinivas H. Design, development and evaluation of microsphere loaded pH triggered in situ ophthalmic gel of moxifloxacin hydrochloride as a method to control nasolacrimal drainage. Indian Journal of Natural Sciences. 2023:80(14);60595-60605.  |     |
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|           | Total citations as on April 2024   | 826 |
|           | Google scholar h-index as on November 2021   | 15  |
|           | Google scholar i10-index as on November 2021   | 18  |
| <b>19</b> | <b>Books Published</b>   |     |
|           | <ol style="list-style-type: none"> <li>1. CVS Subrahmanyam, J. Thimmasetty, Sarasija Suresh, V. Kusumdevi. Textbook of Pharmaceutical Engineering, Principles and Practices, 1st edition, 2001, Vallabh Prakashan, Delhi. ISBN : 81-85731-27-6</li> <li>2. CVS Subrahmanyam, J. Thimmasetty, Sarasija Suresh, V. Kusumdevi. Textbook of Pharmaceutical Engineering, Unit Operations I, 2nd edition, 2011, Vallabh Prakashan, Delhi. ISBN : 978-81-85731-63-6.</li> <li>3. CVS Subrahmanyam, J. Thimmasetty, Sarasija Suresh, V. Kusumdevi. Textbook of Pharmaceutical Engineering, Unit Operations II, 2nd edition, 2011, Vallabh Prakashan, Delhi. ISBN : 978-81-85731-64-3.</li> <li>4. CVS Subrahmanyam, J. Thimmasetty, Sarasija Suresh, V. Kusumdevi. Textbook of Pharmaceutical Engineering, Unit Operations, Principles and Practice, 3rd edition, 2019, Vallabh Prakashan, Delhi. ISBN : xxx-xx-xxxxx-xx-x.</li> <li>5. CVS Subrahmanyam, J. Thimmasetty, Sarasija Suresh, V. Kusumdevi. Textbook of Pharmaceutical Engineering, Unit Operations II, 4th edition, 2022, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-46-7.</li> </ol> |     |

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|-----------|--|---|-------------|
|           | <p>6. CVS Subrahmanyam, J. Thimmasetty, G.L. Prabhushankar. Laboratory Manual of Pharmaceutics including dispensing pharmacy, 1st edition, 2006, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-13-9.</p> <p>7. CVS Subrahmanyam, J. Thimmasetty, G.L. Prabhushankar. Laboratory Manual of Pharmaceutics, 2nd edition, 2024, Vallabh Prakashan, Delhi.</p> <p>8. CVS Subrahmanyam, J. Thimmasetty. Laboratory Manual of Physical Pharmaceutics, 1st edition, 2002, Vallabh Prakashan, Delhi. ISBN : 81-85731-28-4.</p> <p>9. CVS Subrahmanyam, J. Thimmasetty, G.L. Prabhushankar. Laboratory Manual of Pharmaceutics-I, 1st edition, 2024, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-68-9.</p> <p>10. CVS Subrahmanyam, J. Thimmasetty, G.L. Prabhushankar. Laboratory Manual of Pharmaceutics-II, 1st edition, 2024, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-69-6.</p> <p>11. CVS Subrahmanyam, J. Thimmasetty, V. Kusumdevi, Sarasija Suresh. Laboratory Manual of Pharmaceutical Engineering, 1st edition, 2006, Vallabh Prakashan, Delhi.</p> <p>12. CVS Subrahmanyam, J. Thimmasetty, V. Kusumdevi, Sarasija Suresh. Laboratory Manual of Pharmaceutical Engineering, 2nd edition, 2011, Vallabh Prakashan, Delhi. ISBN : 978-81-85731-58-2.</p> <p>13. CVS Subrahmanyam, J. Thimmasetty, K. Shivanand, SM Vijayendra Swamy. Laboratory Manual of Industrial Pharmacy, 1st edition, 2006, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-14-6.</p> <p>14. CVS Subrahmanyam, J. Thimmasetty, K. Shivanand, SM Vijayendra Swamy. Laboratory Manual of Industrial Pharmacy, 2nd edition, Vallabh Prakashan, Delhi.</p> <p>15. CVS Subrahmanyam, J. Thimmasetty. Pharmaceutical Regulatory Affairs, Selected topics, 1st edition, 2012, Vallabh Prakashan, Delhi. ISBN : 978-81-85731-70-4.</p> <p>16. CVS Subrahmanyam, J. Thimmasetty. Industrial Pharmacy, Selected topics, 1st edition, 2013, Vallabh Prakashan, Delhi. ISBN : 978-81-85731-82-7.</p> <p>17. CVS Subrahmanyam, T Durai Ananda Kumar, N Swathi, J. Thimmasetty. Computer Aided Drug Development, 1st edition, 2020, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-28-3.</p> <p>18. CVS Subrahmanyam, J. Thimmasetty, PR Sathesh Babu. Advanced Physical Pharmaceutics, 1st edition, 2021, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-29-0.</p> <p>19. CVS Subrahmanyam, J. Thimmasetty. Industrial Pharmacy-II, 1st edition, 2022, Vallabh Prakashan, Delhi. ISBN : 978-93-85529-50-4.</p> <p>20. CVS Subrahmanyam, J. Thimmasetty. Biostatistics and Research Methodology, 1st edition, 2024, Vallabh Prakashan, Delhi.</p> |   |             |
| <b>20</b> | <b>Number of M. Pharm students guided</b>  | 39  |             |
| <b>21</b> | <b>Details of M. Pharm projects completed</b>  |   |             |
|           | <b>Sl.No.</b>  | <b>Research topic</b>   | <b>Year</b> |
|           | 1  | Design and evaluation of buccal mucoadhesive dosage forms containing fexofenadine HCl | 2004-05     |
|           | 2  | Study of usage of natural colorants in soft gelatin capsule shell and                 | 2005-06     |

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|    | their evaluation   |         |
| 3  | Design and <i>in vitro</i> evaluation of sustained release dosage forms containing metformin HCl                     | 2005-06 |
| 4  | Development and <i>in vitro</i> characterization of sustained release pellets of venlafaxine                         | 2005-06 |
| 5  | Preparation and <i>in vitro</i> characterization of bovine serum albumin loaded biodegradable polymeric microspheres | 2005-06 |
| 6  | Cleaning validation studies in tablet manufacturing plant based on worst case approach                               | 2005-06 |
| 7  | Development and <i>in vitro</i> evaluation of sustained release of nimesulide floating tablets with recemethionine   | 2006-07 |
| 8  | Development and <i>in vitro</i> evaluation of gastric retentive gabapentin tablets                                   | 2006-07 |
| 9  | Development and <i>in vitro</i> evaluation of carvedilol buccal mucoadhesive patches                                 | 2006-07 |
| 10 | Solubility prediction of pimozone in binary solvents-A mathematical modelling  | 2006-07 |
| 11 | Formulation and evaluation of pimozone buccal mucoadhesive patches   | 2007-08 |
| 12 | Study of solubility parameter and solubility behaviour of a poorly soluble drug                                      | 2007-08 |
| 13 | Formulation and evaluation of transdermal films containing antihypertensive drug                                     | 2007-08 |
| 14 | Solubility enhancement of carvedilol with a view to formulate liquid dosage form                                     | 2008-09 |
| 15 | Design and <i>in vitro</i> evaluation of sustained release dosage forms containing risperidone                       | 2008-09 |
| 16 | Formulation and <i>in vitro</i> evaluation of multiparticulate dosage form of candesartan                            | 2008-09 |
| 17 | Development and characterization of tramadol HCl extended release formulations: Influence of formulation variables   | 2008-09 |
| 18 | Formulation and <i>in vitro</i> evaluation of imipramine hydrochloride fast dissolving tablets                       | 2009-10 |
| 19 | Formulation and <i>in vitro</i> evaluation of cost effective oral extended release nifedipine tablets                | 2009-10 |
| 20 | Formulation and evaluation of risperidone mucoadhesive buccal patches  | 2009-10 |
| 21 | The solubility behavior of etoricoxib in mixture of amphiprotic and aprotic solvents: A mathematical modeling        | 2009-10 |
| 22 | Design and <i>in vitro</i> evaluation of sustained release tablet of flurbiprofen                                    | 2010-11 |
| 23 | Development and <i>in vitro</i> evaluation of gastro retentive drug delivery system of an anti hypertensive drug     | 2010-11 |
| 24 | Design and <i>in vitro</i> evaluation of orodispersible tablets of NSAID   | 2010-11 |
| 25 | Design and <i>in vitro</i> evaluation of mouth disintegrating tablets of naproxen sodium                             | 2010-11 |

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|-----------|---------------|---|---------|
|           | 26            | Formulation and evaluation of buccal formulations containing azithromycin   | 2011-12 |
|           | 27            | Design and evaluation of ranitidine hydrochloride chewable tablets with suppressed bitterness and improved oral feeling   | 2011-12 |
|           | 28            | Solubility behavior of aripiprazole in the solvent blends of different polarity : solubility parameter approach   | 2011-12 |
|           | 29            | Design and <i>in vitro</i> evaluation of floating pulsatile delivery systems of nizatidine  | 2011-12 |
|           | 30            | Design and evaluation of lansoprazole chewable tablets with suppressed taste and improved oral feeling  | 2012-13 |
|           | 31            | Solid state manipulation of modafinil for improved physicochemical properties   | 2012-13 |
|           | 32            | Solid state manipulation of aripiprazole for improved physicochemical properties  | 2013-14 |
|           | 33            | Solid state manipulation of serotonin antagonist for improved physicochemical properties  | 2014-15 |
|           | 34            | Solubility parameter concept for correlation with anti-bacterial activity of sparfloxacin   | 2015-16 |
|           | 35            | Formulation development of clomipramine using spring and parachute approach   | 2016-17 |
|           | 36            | Solid state manipulation of ritonavir for promising physicochemical properties  | 2018-19 |
|           | 37            | Crystal engineering of paliperidone with a view of improved product design  | 2018-19 |
|           | 38            | Design and evaluation of periodontal poloxamer based in situ mucoadhesive gel containing betel leaf extract   | 2021-22 |
|           | 39            | Design and evaluation of triclosan dental floss   | 2021-22 |
|           |               | <b>B. Pharm Projects</b>  |         |
|           | 01            | Progress in polyherbal tablet development using natural excipients for COVID treatment  | 2020-21 |
|           | 02            | Exploring formulation and characterization of caffeine under eye patches for cosmetic appearance  | 2022-23 |
| <b>22</b> | <b>Others</b> |   |         |
|           |               | <b>Laboratory innovations:</b> Automatic ball mill, ampoule sealer, v-cone blender, low temperature shaker bath, low temperature circulation bath, rotating wheel apparatus, modified lab level humidity chambers, double cone blender, drum blender using abrasion drum. |         |
|           |               | <b>Reviewer for journals:</b> African Journal of Pharmacy and Pharmacology, International Journal of Physical Sciences, Journal of Solution Chemistry, Drug Development and Industrial Pharmacy   |         |
|           |               | Reviewer for M. Pharm synopsis since 2006   |         |
|           |               | Observer/Squad of BEA conducting exams/RGUHS conducting exams   |         |
|           |               | Approved M.Pharm guide of RGUHS   |         |
|           |               | Approved Ph.D. guide of RGUHS   |         |
|           |               | Editorial board member of the journal 'RJPS'  |         |
|           |               | <b>University paper setter:</b> The question paper was set for RGUHS, SRM University, and Vinayaka Missions University, JSS University, Nitte University, Goa University.   |         |
|           |               | <b>Diplomaexaminer:</b> Worked as an examiner for Board of examining authority, Bangalore for D.  |         |

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|  | Pharm examinations.  |
|  | <b>UG examiner:</b> for Gulbarga University, Kuvempu University, Bangalore University, Rajiv Gandhi University of Health Sciences, JSS University, Vinayaka Missions University, Manipal University, and Goa University for B. Pharm examinations.                               |
|  | <b>PG examiner:</b> Worked as an examiner for Rajiv Gandhi University of Health Sciences, KLE University, and Goa University for M. Pharm examinations.  |
|  | Ph.D. examiner for Karpagam university, Tamilnadu, Manipal university, Manipal   |
|  | <b>Member of BOS:</b> RGUHS appointed as a member of BOS for B. Pharm course for the period 31.07.2012 to 30.07.2015; a member of BOS for Pharm. D. course for the period 16.07.2018 to 30.07.2021;a member of BOS for Pharm. D. course for the period 15.09.2021 to 14.09.2024. |
|  | Member of core committee in B. Pharm syllabus framing for RS4, Semester syllabus   |
|  | Member of core committee in M. Pharm syllabus framing for RS3, Semester syllabus   |
|  | Awarded a grant by AICTE for coauthoring a textbook on Pharmaceutical Engineering.   |
|  | Karnataka State Pharmacy Council appointed inspector since 01.11.2008 to 05.08.2012  |