



### FACULTY CV

1	Name	Dr.K.BHASKAR REDDY
2	Academic Designation	Professor & Dean
3	Educational Qualifications	M.Pharm., Ph.D.
4	Gender	Male
5	Email & Mobile No.	bhaskarreddy_k@apollouniversity.edu.in 9154338621,9176688999
6	Department	Pharmaceutics
7	Date of Joining	11.10.2023
8	Date of Birth & Age	06/01/1977 & 47
9	General/OBC/SC/ST	General
10	Aadhar Card No.	714163030515
11	PAN No.	ANRPB8501D
12	Passport No.	Z4260504
13	Experience	Teaching - 25 Years Research - 10 Years
14	Academic distinction such as awards/rewards received	<b><u>ANNEXURE - I</u></b> 11
15	Number of Ph.Ds Guided/Guiding	<b><u>ANNEXURE - II</u></b> Guided: 15 Guiding: 03
16	Fellow/Membership in Professional bodies	<b><u>ANNEXURE - III</u></b> 12
17	Member/Editorial Board/Reviewer	<b><u>ANNEXURE - IV</u></b> 16
18	List of Publications (Published in National and International Journals) Please specify: Journal Name, Title, Author Name as appeared in the Journal, Volume No., Page No., Year of Publication	<b><u>ANNEXURE - V</u></b> Publications: 110 CIF: 50.564 [H-INDEX: 32]  International: 65 National: 45
19	Patents Filed/Published/Granted	<b><u>ANNEXURE - VI</u></b> Granted: 08 Published: 10

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20	List of Conference/Workshops Conducted/Attended (National and International)	<b><u>ANNEXURE - VII</u></b> 61
21	List of sponsored projects undertaken from DST, DBT, AICTE, UGC, etc.	<b><u>ANNEXURE - VIII</u></b> 11
22	Overseas visits for academic purposes by staff:	<b><u>ANNEXURE - IX</u></b> Visited 12 countries
23	Prestigious Assignments	<b><u>ANNEXURE - X</u></b> 09
24	Contribution to Rural Development/Extension Services	<b><u>ANNEXURE - XI</u></b> 08
25	Books/Book Chapters Published	<b><u>ANNEXURE - XII</u></b> 03

# ANNEXURES

## ANNEXURE - I

### RECOGNITION/AWARDS/PRIZES

1. Received Best Teacher Award from Jawaharlal Nehru Technological University Anantapur – 2021
2. Received Intellectual of the Year from RIFACIMENTO INTERNATIONAL - 2020
3. Received Young Scientist Award from Science and Engineering Research Board (SERB), New Delhi, GoI for research Project Fund worth Rs. 35 Lakhs) – 2014
4. Member Scientific Panel/Scientific Expert Committee “Functional foods, Nutraceutical, Dietetic foods and Other Similar Products by FSSAI, Ministry of Health and Family Welfare, New Delhi
5. Nominee of CCSEA, Ministry of Fisheries, Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, New Delhi, GoI.
6. Member National Assessment and Accreditation Council Assessor’s Panel – Health Sciences
7. Expert Member, Monitoring Committee of Drugs and Pharmaceutical Research Programme (DPRP), Department of Science and Technology (DST), New Delhi.
8. Conferred Fellow of Association of Biotechnology and Pharmacy (FABAP) – 2012
9. Chairman, Institutional Animal Ethics Committee (IAEC) of CPCSEA
10. Deputed as Observer by PCI, New Delhi for the Survey of Extent of Problems of Spurious and Not of Standard Quality Drugs in the Country Organized by National Institute of Biologicals
11. Received Senior Research Fellowship from All India Council for Technical Education (A.I.C.T.E), New Delhi, Government of India- 2007.
12. Awarded Travel grant by Department of Science and Technology (DST), New Delhi under partial travel grant scheme to attend International Conference (FIP) in Brazil 2006.
13. Received full Assistance from All India Council for Technical Education (AICTE), New Delhi under the Travel Grant Scheme to deliver a scientific lecture at International Conference (FIP) held in China 2007.

### ANNEXURE - II NUMBER OF Ph.Ds GUIDED/GUIDING

S.No.	Name of the Scholar	Title of the Project	University	Year of Award
1	Dr.D.Balanagamani	Novel approach for ursodiol nanoformulation with dual action as hepatoprotective and gall stone prevention	JNTUA	2023
2	Dr.Chatlapelli Kishore	Design and Evaluation of Gastro Retentive Drug Delivery Systems for some drugs	JNTUA	2023
3	Dr.G.Swapna	Development and Evaluation of Sublingual Pharmaceutical Dosage Form of Anti-hypertensive Drugs	JNTUA	2022
4	Dr.G.Neelima	Design, Synthesis, Characterization and Biological Activity of Novel Heterocyclic Compounds by Green Synthesis	JNTUA	2022
5	Dr.Kumar Babu P	Formulation and Evaluation of Pulsatile Drug Delivery System Containing Cardiovascular Drug	PAHER Udaipur	2021
6	Dr. Gangavaram Jyothi Reddy	Pharmacological Evaluation of Anti-Diabetic and Antihyperlipidemic Properties of Some Indian Medicinal Plants	JNTUA	2019
7	Dr.P.Sucharitha	Oleuropein Loaded Nanostructured Lipid Carriers as Multi-Functional Nanomedicine for Treatment of Meningitis through Nasal Delivery	JNTUA	2019
8	Dr. Vanitha. C	Quality-by-Design approach to Stability Indicating HPLC Method Development for Drugs and Impurities	JNTUA	2019
9	Dr. S. Brito Raj	Design, Development and Optimization of Cardiovascular Drug Loaded Nanostructured Lipid Carrier (NLC) as Transdermal Drug Delivery	JNTUA	2018

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S.No.	Name of the Scholar	Title of the Project	University	Year of Award
10	Dr.G.Parthasarathy	Formulation and Evaluation of Mucoadhesive Buccal Patches of Carbamazepine	JNTUA	2017
11	Dr. M.Dhanalaxmi	Evaluation of Synergistic Effect of Green Tea and Horse Gram Powder Extract on the Treatment of Obesity and Diabetic Induced Rats	PAHER, Udaipur	2017
12	Dr.S.M.Shaheedha	Comparative phytochemical and Pharmacological Screening of Traditional Indian Herbs	PAHER, Udaipur	2016
13	Dr.D.Jochieswari	In-Silico Design, Docking Studies and Synthesis of Some Novel Heterocyclic Compounds	PAHER, Udaipur	2016
14	Dr.Chennuru Madhavi Latha	Pharmacological Evaluation of Analgesic, Anti-inflammatory and Memory Enhancing Activity of Cordial subcodata Whole Plant	PAHER, Udaipur	2016
15	Dr.Ramakrishna Borra	Formulation Development and Evaluation of Buccal Mucoadhesive Drug Delivery System fo Anti-asthmatic drug	PAHER, Udaipur	2015

### Number of Ph.Ds Pursuing

S.No.	Name of the Scholar	Title of the Project	University
01	Mr.N.Audinarayana	Development of Novel Buccoadhesive Oral Delivery System Loaded with H2 Receptor Antagonist: Physicochemical Characterization and In vivo Evaluation	PAHER, Udaipur

### ANNEXURE - III

#### MEMBERSHIP WITH PROFESSIONAL BODIES

S.No.	MEMBERSHIP DETAILS
1	Life Member of Indian Pharmaceutical Association (IPA)
2	Member of International Pharmaceutical Federation (FIP)
3	Member of Industrial Pharmacy Section (IPS) of FIP
4	Member of Academic Pharmacy Section (AS) of FIP
5	Member of "International Young Pharmacists Group" (YPG)
6	Life Member of Association of Pharmaceutical Teachers of India (APTI)
7	Life Member of Indian Pharmacists Association (IPhA)
8	Life Member of Association of Biotechnology and Pharmacy (ABAP)
9	Life Member of Association of Bio-Pharma Professionals (ABPP)
10	Life Member American Nano Society (ANS)
11	Life Member Indian Association of Colleges of Pharmacy (IACP)
12	Life Member-Registered Pharmacist, Tamil Nadu Pharmacy Council, Chennai

### ANNEXURE – IV

#### EDITOR/MEMBER EDITORIAL BOARD/REVIEWER

##### Editor/Member Editorial Board

1. Editor in Chief, International Journal of Biomedical and Pharmaceutical Research(IJABPR)
2. Member in Editorial Board – Journal of Chemistry and Pharmacy.

##### Reviewer

1. Journal of Controlled Release
2. Journal of Pharmaceutical Sciences
3. International Journal of Pharmaceutics
4. Drug Development and Industrial Pharmacy
5. Journal of Microencapsulation
6. Molecular Pharmaceutics
7. African Journal of Pharmacy and Pharmacology
8. Lipids in Health and Disease
9. Journal of Nanoparticle Research
10. Current Nanoscience
11. International Journal of Biomedical Nanoscience and Nanotechnology
12. International Journal of Nanomedicine
13. International Journal of Nanoparticles
14. Pharmaceutical Development and Technology
15. Asian Journal of Pharmaceutics
16. Journal of Young Pharmacist

### ANNEXURE - V

#### RESEARCH PUBLICATIONS

**PUBLICATIONS – Cumulative Impact Factor: 50.564 [H-INDEX: 32]**

	International	National	Cumulative Impact Factor
Journals	60	45	50.564
Conferences	11	32	
<b>Total</b>	<b>148</b>		-

#### International Journals

S.No.	Publications
1	Enose Appavoo Arno, Prithviraj Anand, <b>Kesavan Bhaskar</b> , Somasundaram Ramachandran, Muniyandy Saravanan and Radhakrishnan Vinod. "Eudragit NE30D Based Metformin/Gliclazide Extended Release Tablets: Formulation, Characterization and <i>In Vitro</i> Release Studies". <i>Chem. Pharm. Bull.</i> 50(11) 1495-1498(2002). <i>(Impact Factor – 1.507)</i>
2	M.Saravanan, <b>K.Bhaskar</b> , N.V.S.Narayanan, G.Maharajan, K.S.Pillai. "Diclofenac Sodium loaded Gelatin Magnetic Microspheres for Intra-arterial Administration: Formulation, Characterization and <i>In Vitro</i> Release Studies". <i>Boll. Chim. Farmac.</i> 142-n. 8 October 2003. <i>(Impact Factor – 1.35)</i>
3	M.Saravanan, <b>K.Bhaskar</b> , G.Srinivasa Rao and M.D.Dhanaraju. "Ibuprofen-Loaded Ethylcellulose/Polystyrene Microspheres: An Approach to get Prolonged Drug Release with Reduced Burst Effect and Low Ethyl cellulose Content". <i>J.Microencapsulation</i> , 2003, Vol. 20, No.3, 289-302 <i>(Impact Factor – 1.891)</i>



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4	<b>K.Bhaskar</b> , S.Ramachandran, S.K.Sridhar, A.T.Rajaraman, A.Ramkumar, K.Sanathkumar, G.Srinivasa Rao, J.Anbu, M.D.Dhanaraju, M.Saravanan. "Biopharmaceutical and Pharmacodynamic Studies on Topically Applied Diclofenac Gel Available in Indian Market". <i>Boll. Chim. Farmac.</i> 143-n. 5 June 2004. (Impact Factor – 1.35)
5	Muniyandy Saravanan, <b>Kesavan Bhaskar</b> , Gomathinayagam Maharajan, Kalathil Sadasivan Pillai. "Ultrasonically Controlled Release and Targeted Delivery of Diclofenac sodium via Gelatin Magnetic Microspheres". <i>International Journal of Pharmaceutics</i> 283(2004) 71-82. (Impact Factor – 3.991)
6	<b>K.Bhaskar</b> , C.Krishna Mohan, M.Lingam, V.Prabhakar Reddy, V.Venkateswarlu and Y.Madhusudan Rao. "Development of Nitrendipine Controlled Release Formulations Based on Solid Lipid Nanoparticle (SLN) and Nano-structured Lipid Carrier (NLC) for Topical Delivery: <i>In vitro</i> and <i>Ex vivo</i> Characterization". <i>Drug Development and Industrial Pharmacy</i> , (2008) 719-725. (Impact Factor – 2.006)
7	<b>K. Bhaskar</b> , J. Anbu, V. Ravichandiran, V. Venkateswarlu and Y. Madhusudan Rao. "Lipid nanoparticles for transdermal delivery of flurbiprofen: formulation, <i>in vitro</i> , <i>ex vivo</i> and <i>in vivo</i> studies". <i>Lipids in Health and Disease</i> , 26, 2009, 8:6. (Impact Factor – 2.31)
8	Lingam Meka, <b>Bhaskar Kesavan</b> , Krishna Mohan Chinnala, Venkateswarlu Vobalaboina and Madhusudan Rao Yamsani. "Preparation of a Matrix Type Multiple-Unit Gastro Retentive Floating Drug Delivery System for Captopril Based on Gas Formation Technique: <i>In vitro</i> Evaluation". <i>AAPS PharmSciTech</i> 2008 June; 9(2): 612–619 (Impact Factor – 1.776)
9	<b>K.Bhaskar</b> , M.Lingam, C.Krishna Mohan, S.Jagan Mohan, J.Anbu, V.Ravichandiran, V.Venkateswarlu and Y.Madhusudan Rao. "Development of SLN and NLC Enriched Hydrogels for Transdermal Delivery of Nitrendipine: <i>In vitro</i> and <i>In vivo</i> Characteristics". <i>Drug Development and Industrial Pharmacy</i> , 35 (2009) 98-113. (Impact Factor – 2.006)
10	Lingam M, <b>Bhaskar K</b> , Chandra Mohan E, Suresh B, Naidu K.V.N.S, Venkateswarlu V and Madhusudan Rao Y. "Design and evaluation of polymeric Coated Minitablets as Multiple Unit Gastroretentive Floating Drug Delivery Systems for Furosemide". <i>Journal of Pharmaceutical Sciences</i> Vol. 98, Issue 6, Date: June 2009, Pages: 2122-2132. (Impact Factor – 3.13)

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S.No.	Publications
11	<b>K.Bhaskar</b> . "Solid Lipid Nanoparticles (SLN) and Nanostructured Lipid Carrier enriched Hydrogel for Transdermal Delivery of Flurbiprofen: Formulation, <i>In Vitro</i> Characterization, Pharmacokinetic and Pharmacodynamic Studies in Animals". <i>International Journal of Biomedical Nanoscience and Nanotechnology (IJBN)</i> Vol. 1, Nos. 2/3/4,109-132 (2010). (Impact Factor – 1.94)
12	Kumaravelrajan R, Narayanan N, Suba V and <b>Bhaskar K</b> . "Simultaneous delivery of nifedipine and metoprolol tartarate using sandwiched osmotic pump tablet system". <i>International Journal of Pharmaceutics</i> 399, 60-70 (2010) (Impact Factor – 3.991)
13	S. K. Umadevi, R. Thiruganesh, S. Suresh and <b>K. Bhaskar Reddy</b> . "Formulation and Evaluation of Chitosan icrospheres of Aceclofenac for Colon-Targeted Drug Delivery". <i>Biopharm.Drug Dispos.</i> 31: 407-427 (2010) (Impact Factor – 2.178)
14	Muniyandy Saravanan, <b>Kesavan Bhaskar</b> , Gomathinayagam Maharajan and Kalathil Sadasivan Pillai. "Intra-articular administration of gelatin microspheres loaded with diclofenac sodium for controlled and targeted drug delivery". <i>Journal of Drug Targeting</i> Feb 2011, Vol. 19, No. 2, Pages 96-103 (Impact Factor – 2.995)
15	V. Ravi Sankar, Y.Dastagiri Reddy, <b>K.Bhaskar</b> and N. Vijaya Bhasakar. "Formulation and Evaluation of Isabgol Based Matrix Tablets of Domperidone". <i>Inventi Rapid NDDS</i> Vol. 2, Issue 1, 2011.
16	G.Parthasarathy, <b>K.Bhaskar Reddy</b> and V.V.Prasanth. "Formulation and Characterization of Transdermal Patches of Naproxen with Various Polymers". <i>Pharmacie Globale (IJCP)</i> 6 (07), 2011.
17	Sarat Chandra Prasad.M, S.Brito Raj, M.Ajay, B.Nagendra Babu, N.Audinarayana, <b>K.Bhaskar Reddy</b> and E.Mohanambal. "Formulation and evaluation of lamivudine enclosed alginate microbeads". <i>Der Pharmacia Lettre</i> , 2011, 3 (6):294-304.
18	<b>Kesavan Bhaskar Reddy</b> , Pamulaparti Vandana, V. Mani, Nelavala Audinarayana, Ekambaram Mohanambal, Rajagopal Kumaravelrajan and Ramachandran Meenakshi Sundaram. "Formulation and <i>In vitro</i> Assessment of Itraconazole loaded Solid lipid nanoparticles for Topical Delivery". <i>Int J of Ad Biomed &amp; Pharm Res.</i> 2012, 1(1): 1-11.

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19	M.Bharathi, Sarat Chandra Prasad M, R. Latha Eswari, S.Wasim Raja, Ravi Teja Allena, S.Brito Raj and <b>K. Bhaskar Reddy</b> . "Preparation and <i>in vitro</i> and <i>in vivo</i> Characterization of valsartan loaded eudragit nanoparticles". <i>Der Pharmacia Sinica</i> , 2012, 3 (5):516-525
20	M.Vishnu Priya, G.Harshavardhan Kumar, S.Brito Raj, E.Mohanambal, R.Meenakshi Sundaram and <b>K.Bhaskar Reddy</b> . "Design, Characterization and <i>In vitro</i> Evaluation of Lamivudine Floating Hollow Microspheres". <i>Int J of Ad Biomed &amp; Pharm Res</i> . 2012, 1(1): 22-29
21	Parthasarathy Govindasamy, <b>Bhaskar Reddy Kesavan</b> , Jayaveera Korlakunta Narasimha and Prasanth Viswanadhan Vasantha "Chitosan Based Unidirectional Release Buccal Patches of Carbamazepine: Formulation Development and <i>In Vitro</i> , <i>Ex Vivo</i> Characterization". <i>RJPPS</i> -2013, 2 (2) April – June, 47-58
22	Parthasarathy G, Srikanth V, SriLatha C and <b>Bhaskar Reddy K</b> . "Formulation and Evaluation of Mucoadhesive Buccal Patches of Captopril". <i>Int J of Ad Biomed &amp; Pharm Res</i> . 2013, 2(1): 1-6
23	S.M.Shaheedha and K.Bhaskar Reddy. "Comparative Studies on Antioxidant Potential of Premna Tomentosa Willd and Premna Latifolia Roxb. against Erythrocytes Toxicity in Rats. <i>Int J of Ad Biomed &amp; Pharm Res</i> . (2013), 2(1): 48-53
24	Ramakrishna Borra, Saraswathi Muniswamy Reddy and <b>Bhaskar Reddy Kesavan</b> . "Formulation Development and Evaluation of Bi-layered Buccal Mucoadhesive Drug Delivery System for Anti-asthmatic Drugs". <i>Int J of Ad Biomed &amp; Pharm Res</i> :2014, 3(1): 24-34
25	Ramakrishna Borra, Saraswathi Muniswamy Reddy and <b>Bhaskar Reddy Kesavan</b> . "Formulation Development and Evaluation of Buccal Mucoadhesive Drug Delivery System of Salbutamol Sulphate by using D-Optimal Designs". <i>Int J of Ad Biomed &amp; Pharm Res</i> . 2014, 3(2): 35-37
26	D. Raja, D.Poornima, <b>K.Bhaskar</b> and M. Saravanan. "Ispaghula Husk-Based Extended Release Tablets of Diclofenac Sodium: Formulation, Evaluation and <i>In vitro</i> Release Studies". <i>Tropical Journal of Pharmaceutical Research</i> , February 2014; 13 (2): 205-210. (Impact Factor – 0.80)

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S.No.	Publications
27	E.Mohanambal and <b>K.Bhaskar Reddy</b> . "Formulation and In Vitro Evaluation of Solid Lipid Nanoparticles for Brain Tumors". <i>Int J of Ad Biomed &amp; Pharm Res.</i> , 2014;3(2): 48-52
28	S.M.Shaheedha and <b>K.Bhaskar Reddy</b> . "Comparative Studies on Analgesic Potentials of Premna Tomentosa Willd and Premna Latifolia Roxb. using Different Models". <i>International Journal of Phytopharmacology</i> . 5(6), 2014, 478-482
29	S.M.Shaheedha and <b>K.Bhaskar Reddy</b> . "Investigation of Acute and Chronic Anti-Inflammatory Properties of Extracts of Premna Tomentosa Willd. and Premna Latifolia Roxb. In Rats". <i>International Journal of Biological &amp; Pharmaceutical Research</i> . 2014; 5(12): 964-968
30	Dhanalaxmi Mohan Raj, <b>Bhaskar Reddy Kesavan</b> . "Antihyperlipidemic activity of Camellia sinensis and macrotyloma uniflorum on high fat diet induced Wistar albino Rats". <i>International Journal of Pharmacy</i> , 2015
31	Lavakumar Vuppalapati, Sowmya Cherukuri, Vijaykumar Neeli, Padmanabha Reddy Yeragamreddy and <b>Bhaskar Reddy Kesavan</b> . "Application of Central Composite Design in Optimization of Valsartan Nanosuspension to enhance its Solubility and Stability". <i>Current Drug Delivery</i> , 12(999):1-1 July 2015 (Impact Factor-1.48)
32	Lavakumar Vuppalapati, Ravichandiran Velayudam, K.F.H Nazeer Ahamed, Sowmya Cherukuri, <b>Bhaskar Reddy Kesavan</b> . "The protective effect of Dietary flavonoid fraction from Acanthophora spicifera on Streptozotocin induced oxidative stress in diabetic rats". <i>Food Science and Human Wellness</i> (2016). <a href="http://dx.doi.org/10.1016/j.fshw.2016.02.002">http://dx.doi.org/10.1016/j.fshw.2016.02.002</a>
33	<b>Kesavan Bhaskar Reddy</b> , Selvaraj Brito Raj, Kothapalli Bonnoth Chandrasekhar "Formulation, Optimization and invitro evaluation of lipid nanoparticles containing anti-hypertensive drug". <i>International Journal of Drug Delivery Technology</i> , (2017), 7(3), 190-209

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S.No.	Publications
34	Brito Raj, Kothapalli Bonnoth Chandrasekhar and <b>Kesavan Bhaskar Reddy</b> . " <i>In vivo</i> Pharmacodynamic studies of Simvastatin NLC loaded Transdermal Patch". <i>Journal for Advanced Research in Applied Sciences</i> (2018), 5(4): 474-481
35	Vanitha C, <b>Bhaskar Reddy K</b> , Satyanarayana SV. Quality-by-design approach to selective stability indicating RP-HPLC method development and validation for estimation of Sofosbuvir in bulk drug. <i>International Journal of Research in Pharmaceutical Sciences</i> , (2018), 9(2): 298-308
36	Shalini R, Lakshmi K, Neelima G and <b>Bhaskar Reddy K</b> . "Iron Deficiency Anemia in Women: Assessment of Knowledge, Attitude and Practice of Women in Chittoor District". <i>International Journal of Pharmaceutical Research</i> (July- Sept 2018), 10(3): 277-281
37	P. Sucharitha, S. V. Satyanarayana, <b>K. Bhaskar Reddy</b> . " <i>In Vitro-In Vivo</i> Characterization of Oleuropein loaded Nanostructured Lipid Carriers in the Treatment of Streptococcus pneumoniae - induced Meningitis. <i>Asian Journal of Pharmaceutics</i> , Apr-Jun 2019 ,13 (2)
38	P. Sucharitha, S. V. Satyanarayana and <b>K. Bhaskar Reddy</b> . "Pretreatment and Optimization of Processing Conditions for Extraction of Oleuropein from Olive Leaves using Central Composite Design". <i>Pharmacognosy Research</i> , Volume 11, Issue 2, April-June, 2019, 178-187.
39	S Brito Raj, S.K.Sridhar, <b>K. Bhaskar Reddy</b> and P. Sucharitha. "Application of Statistical Tooling Techniques for Designing of Carvedilol nanolipid Transferomes and its Dermatopharmacokinetic and Pharmacodynamic Studies". <i>Pharmaceutical Nanotechnology</i> , 2020, (8), 1-19 (PUBMED)
40	Swapna G, Sesha Maheswaramma K, Hemalatha S, <b>Bhaskar Reddy K</b> . "Development of Nifedipine sublingual tablets using disintegrants as release modifiers", <i>Int. J. Res. Pharm. Sci.</i> , 2020, 11(4), 1-8

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S.No.	Publications
41	SuCharitha, S. V. Satyanarayana and K. Bhaskar Reddy. "Development of Protocol for Screening of Formulation Attributes and the Assessment of Common Quality Problems in Oleuropein Loaded Nanostructured Lipid Carriers". <i>Int. Journal of Res. In Pharm. Sci.</i> , Volume 10 (2), April-June 2019, 1382-1391.
42	D. Balanagamani, K. Bhaskar Reddy, K. Sesha Maheswaramma. "Optimization of Ezetimibe Nano Formulation by Two-Level Full Factorial Design". <b>Special Publications in Royal Society of Chemistry</b> , November 2019, 174-177. ( <a href="https://doi.org/10.1039/9781839160783-00174">10.1039/9781839160783-00174</a> )
43	S Brito Raj, Kothapalli Bonnoth Chandrasekhar and Kesavan Bhaskar Reddy. "Formulation, <i>in-vitro</i> and <i>in vivo</i> pharmacokinetic evaluation of simvastatin nanostructured lipid carrier loaded transdermal drug delivery system". <i>Future Journal of Pharmaceutical Sciences</i> , 5(9), Dec 2019, 1-14. ( <a href="https://doi.org/10.1186/s43094-019-0008-7">10.1186/s43094-019-0008-7</a> )
44	SuCharitha Palagati, Satyanarayana SV and Bhaskar Reddy Kesavan. "Application of computational tools for the designing of Oleuropein loaded nanostructured lipid carrier for brain targeting through nasal route". <i>DARU Journal of Pharmaceutical Sciences</i> , 27, Dec 2019, 695-708. ( <a href="https://doi.org/10.1007/s40199-019-00304-0">10.1007/s40199-019-00304-0</a> )
45	Jyothi Reddy Gangavaram, K. Bhaskar Reddy, G. V. Subba Reddy. "Antidiabetic and Antidyslipidemic Activities of Hexane/Ethyl Acetate/Methanol Fractions of Paspalum scrobiculatum Linn. Grains in High-Fat Diet and Streptozotocin-Induced Diabetic Rats". <b>Pharmacognosy Research</b> , Volume 12, Issue 3, July-September, 2020.
46	S Brito Raj, S.K.Sridhar, K.Bhaskar Reddy and P.SuCharitha. "Application of Statistical Tooling Techniques for Designing of Carvedilol nanolipid Transferomes and its Dermatopharmacokinetic and Pharmacodynamic Studies". <i>Pharmaceutical Nanotechnology</i> , 2020, (8), 1-19 (PUBMED)
47	Swapna G, Sesha Maheswaramma K, Hemalatha S, Bhaskar Reddy K. "Development of Nifedipine sublingual tablets using disintegrants as release modifiers", <i>Int. J. Res. Pharm. Sci.</i> , 2020, 11(4), 1-8

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S.No.	Publications
48	Anusha G., Sujatha V., Shalini R., <b>Bhaskar Reddy K.</b> , Rajasekhar S. "Interventional study to improve ionized Calcium levels among Postmenopausal Women to prevent Osteoporosis" <i>Int. J. Res. Pharm. Sci.</i> , 2020, 11(4), 7817-7821
49	Chatlapelli Kishore, <b>K.Bhaskar Reddy</b> and S.V.Satyaharayana. "Development and characterization of Rosuvastatin SMEDDS Loaded in situ gels for gastric Retention", <i>Bulletin of Environment, Pharmacology and Life Sciences</i> , 2020 Volume 10 (9 issue) 277-1808.
50	G.Swapna, K. Sesha Maheswaramma and <b>K. Bhaskar Reddy</b> . "Co-processed superdisintegrants loaded atenolol beads sublingual tablet for hypertension", <i>Natural Volatiles and Essential Oils</i> 2021, 08, 11287-11300
51	G.Swapna, K. Sesha Maheswaramma and <b>K. Bhaskar Reddy</b> . "Atenolol and Nifedipine Combination is Better than Monotherapy: A New Era in Novel Drug Delivery for Hypertension", <i>Journal of University of Shanghai for Science and Technology</i> , Volume 23, Issue 12, December - 2021
52	G.Anusha, V.Sujatha, R.Shalini, <b>K.Bhaskar Reddy</b> and S.Rajasekhar. "Nutritional Package for Preventing Osteoporosis among Post-Menopausal Women -In view of bone density", <i>European Journal of Molecular &amp; Clinical Medicine (EJMCM)</i> Volume 08, Issue 1, 2021
53	Shalini S, Abisevi A, Gopalakrishnan S, Madhura Vani B and <b>Bhaskar Reddy K.</b> "A Cross Sectional Study on Prevalence of Early Initiation of Breast-Feeding Practices Among Mothers Delivered in Hospitals in And Around Chennai", <i>High Technology Letters</i> , Volume 27, Issue 12, 2021, 248-261.
54	Shalini S, Gopalakrishnan S, Abisevi A, Madhura Vani B and <b>Bhaskar Reddy K.</b> "A Cross Sectional Study on Assessing the Relationship Between Prenatal Complications and Delay in Breast Feeding in New Born Babies ", <i>Journal of University of Shanghai for Science and Technology</i> , 2021, Volume 23 - Issue 10, 281-294

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Established Under Section 3 of the Andhra Pradesh Private Universities (Establishment and Regulation Act, 2016)

S.No.	Publications
55	G. Neelima, K. Sesha Maheswaramma and <b>K. Bhaskar Reddy</b> . "Synthesis of Benzothiazole derivatives using Green Biobased Vitamin B <sub>1</sub> supported on $\gamma$ -Fe <sub>2</sub> O <sub>3</sub> @SiO <sub>2</sub> Nanoparticles as Catalyst and <i>in-silico</i> Antiviral activity Screening", <i>Natural Volatiles and Essential Oils</i> , 8(5), 2021, 11301-11320.
56	Chatlapelli Kishore, <b>K. Bhaskar Reddy</b> and S.V.Satyanarayana. "Formulation and Evaluation of Rosuvastatin Smedds for Enhancement of Gastro Retentive Absorption", <i>IJBPA</i> , September, Special Issue, 2021, 10(9) 136-151.
57	Chatlapelli Kishore, <b>K. Bhaskar Reddy</b> and S.V.Satyanarayana. "Development of floating mini tablets loaded with chitosan Lisinopril microparticles", <i>International Journal of Pharmaceutical Research</i>   Jan - Mar 2021   Vol 13   Issue 1, 6531-6542
58	Sethi Pranshu, Thilagam E., <b>Bhaskar Reddy K.</b> , Varalaxmi S., Sudhakar Dharmalingam, Varghese Nina and Jamal Roohi. "An Investigation into Development and Testing of Herbal Acne Gel Containing Vigna radiata and Aloe barbadensis". <i>International Journal of Zoological Investigations</i> , Vol. 9, No. 2, 1179-1187 (2023)



### National Journals

S.No.	Publications
1	M. D. Dhanaraju, V.R. Siva Kumar, R. Subhashree and <b>K. Bhaskar</b> . "Bioadhesive Ocuserts for Ophthalmic Administration of Ciprofloxacin hydrochloride". <i>Indian Drugs</i> 39 (4), April 2002
2	M.D.Dhanaraju, C.Vamsadhara and <b>K.Bhaskar</b> . "A Multiple Emulsion Method to Entrap Hydrophilic Compound into Ethylcellulose Microspheres". <i>Indian Drugs</i> 40 (2), February 2003
3	M. Saravanan, M.D.Dhanaraju, S.K. Sridhar, S. Ramachandran, S. Kishore Gnana Sam, P. Anand, G. Srinivasa Rao and <b>K. Bhaskar</b> . "Preparation, Characterization and <i>In vitro</i> Release Kinetics of Ibuprofen Polystyrene Microspheres". <i>Indian J. Pharm. Sci.</i> 2004, 66(3): 287-292. (Impact Factor – 0.762)
4	P. B. Gowari, R. Thiruganesh, J. Indira Kumari, <b>K. Bhaskar</b> , V. Vijayanthi, V. Ravichandiran. "Solid Lipid Nanoparticles of Ketoconazole for Transdermal Delivery". <i>Indian Journal of Pharmaceutical Sciences</i> 03/2009; 71(2). (Impact Factor – 0.762)
5	MD Dhanaraju, VD Sundar, S NandhaKumar, <b>K Bhaskar</b> . "Development and evaluation of sustained delivery of diclofenac sodium from hydrophilic polymeric beads". <i>Journal of Young Pharmacists</i> 01/2009; 1(4). DOI:10.4103/0975-1483.59317
6	A. Santhosh Kumar, S. Suresh, B. Madhuri, <b>K. Bhaskar</b> , S. Padmapriya, V. Ravichandiran. "Development and Characterization of Sparfloxacin Solid Dispersion Tablets". <i>Indian Journal of Pharmaceutical Sciences</i> 03/2009; 71(2). (Impact Factor – 0.762)
7	<b>K.Bhaskar Reddy</b> , Smitha Elizabeth, P.Vandana, E.Mohanambal, S.Wasim Raja and S.K.Umadevi. "Formulation of Nimesulide Microemulsion Based Hydrogel for Topical Delivery: <i>In vitro</i> and <i>Ex vivo</i> Characterization". <i>Res Pharmaceutica</i> 2011, Vol. 2 Issue 4, 15-23

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S.No.	Publications
8	N.Audinarayana, S.Brito Raj, Srinivas Gopal Hukeri, M.Rajasekhar, E.Mohanambal and <b>K.Bhaskar Reddy</b> . "Formulation and Evaluation of Prednisolone sodium phosphate orally disintegrating tablets". <i>Int.J.Res.Pharm.Sci.</i> 2 (2), 2011, 192-199.
9	<b>K.Bhaskar Reddy</b> , M.Jyostna, N.Audinarayana, C.Madhavi Latha and E.Mohanambal. "The Enhancement Effect of Surfactants on the Penetration of Nitrendipine through Rat Skin". <i>Indian Journal of Novel Drug Delivery</i> 4 (1), Jan-Mar, 2012
10	<b>K.Bhaskar Reddy</b> , V.Vaijayanthi, S.Brito Raj, E.Mohanambal, R.Charulatha and Y.Madhusudan Rao. "Nanoparticles for Brain Targeting". <i>Indian Journal of Novel Drug Delivery</i> 3(2), Apr-Jun, 2011, 91-97
11	M. Sarat Chandra Prasad, M. Ajay, B. Nagendra Babu, P.Prathyusha, N. Audinarayana, <b>K. Bhaskar Reddy</b> . "Microsponge Drug Delivery System: A Review". <i>Journal of Pharmacy Research</i> , 2011,4(5),1381-1384
12	S.Wasim Raja, S.Brito Raj, C.Sreedhar, E.Kalaam, B.Nagendra Babu, P.Srikanth, G.Harsha Vardhan, M.Vishnu Priya and <b>K.Bhaskar Reddy</b> . "Innovations in Pharmaceutical Packaging - An Update". <i>Int J of Ad Biomed &amp; Pharm Res.</i> 2012, 1(1): 29-39
13	S.Brito Raj, G.Sravani, Nara Bhanupriya, B.Rekha, P.Sreekanth, S.Wasim Raja and <b>K.Bhaskar Reddy</b> . "Nanorobotics and their Pharmaceutical Applications". <i>Int J of Ad Biomed &amp; Pharm Res.</i> 2012, 1(1): 43-54
14	S. Brito Raj, G. Sravani, Nara Bhanupriya, B. Rekha, P. Sreekanth, S. Wasim Raja and <b>K. Bhaskar Reddy</b> . "Nanorobotics and their Pharmaceutical Applications". <i>Int J of Ad Biomed &amp; Pharm Res.</i> 2012, 1(1): 43-54
15	Hemalatha,S. Meenakshi Sundaram,R. and <b>Bhaskar Reddy K.</b> "Formulation and Evaluation of Nanosuspension Containing marine microalga <i>Spirulina platensis</i> for anti- oxidant potential". <i>International Journal of Pharmacy &amp; Therapeutics</i> , 5(5), 2014, 383-387

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S.No.	Publications
16	Hemalatha.S, Shri Vijayakirubha, Meenakshi Sundaram.R, and <b>Bhaskar Reddy K.</b> "Anti Snake venom activity of Root and Rhizome of <i>Carallocarpus epigaeus</i> ". <i>International Journal of Experimental Biology</i> , vol 4, issue 3, 2014, 145-147
17	Hemalatha.S, Meenakshi Sundaram.R, and <b>Bhaskar Reddy K.</b> "Design, Characterization and <i>In vivo</i> evaluation of Nanoemulsion Containing marine microalga <i>Spirulina platensis</i> ". <i>International Journal of Phytopharmacology</i> . 5(6), 2014, 487-491
18	Hemalatha.S, Meenakshi Sundaram.R, and <b>Bhaskar Reddy K.</b> "Comparing the bioavailability in Nanosuspension and Nanoemulsion Containing marine microalga <i>Spirulina platensis</i> ". <i>International Journal of Biological &amp; Pharmaceutical Research</i> , 2014; 5(12): 996-999
19	Hemalatha. S, Meenakshi Sundaram.R, and <b>Bhaskar Reddy K.</b> "Pharmacognostical and Phytochemical studies of polyherbs from Indian System of Medicine". <i>International Journal of Phytopharmacology</i> . 5(4), 2014
20	D.Jothieswari and <b>K.Bhaskar Reddy.</b> "An overview on fungal disease". <i>International Journal of Novel Trends in Pharmaceutical Sciences</i> , 2014; 4(6), 194-200
21	S.M.Shaheedha and <b>K.Bhaskar Reddy.</b> "Investigation of Acute and Chronic Anti-Inflammatory Properties of Extracts of <i>Premna Tomentosa</i> Willd. and <i>Premna Latifolia</i> Roxb. In Rats". <i>International Journal of Biological &amp; Pharmaceutical Research</i> . 2014; 5(12): 964-968
22	D.Jothieswari and <b>K.Bhaskar Reddy.</b> "Antioxidant activity of some newer dihydroquinazolin-4-one derivatives". <i>Journal of Novel Trends in Pharmaceutical Sciences</i> 2015; 5(5), 162-171
23	D.Jothieswari and <b>K.Bhaskar Reddy.</b> "Molecular Docking Studies of Potential Chemical Inhibitors on Multi-Drug Resistance Genes in <i>Mycobacterium Tuberculosis</i> ". <i>International Journal of Innovative Drug Discovery</i> ", 2015; 5(1), 40-45

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S.No.	Publications
24	S.Brito Raj, K.B.Chandrasekhar and <b>K.Bhaskar Reddy</b> . "Formulation, Optimization and In Vitro Evaluation of Lipid Nanoparticles containing Anti-hypertensive Drug". <i>Int. J.Res. Pharm. Sci.</i> , 2015; 6(2), 42-45
25	Hemalatha. S, R.Meenakshi Sundaram and <b>K.Bhaskar Reddy</b> . "Biosynthesis and Characterization of silver nanoparticles using ayurvedic plant extracts - a novel approach" <i>International Journal of Phytopharmacology</i> 6(4), 2015
26	S. Brito Raj,P.Samuel Gideon George, K.Kavitha and <b>K. Bhaskar Reddy</b> . "Formulation and <i>In Vitro</i> Evaluation of <i>Convolvine (Convolvulus Pluricaulis)</i> Solid Lipid Nanoparticles" <i>International Journal of Biopharmaceutics</i> . 2017; 8(1): 38-45
27	S. Hemalatha, <b>K. Bhaskar Reddy</b> , Parepalli Srikanth. " <i>In Vitro</i> antipsoriatic and inhibitory effects of Ethyl Acetate and Methanol fraction of <i>Cassia Sophera</i> and <i>Mallotus Philippinensis</i> on Inflammatory Cytokines". <i>International Journal of Phytopharmacology</i> (2017), 8(4), 159-165
28	Vanitha C, <b>Bhaskar Reddy K</b> and Satyanarayana SV. Quality-by design approach to selective stability indicating RP-HPLC method development and validation for estimation of Sofosbuvir in bulk drug. <i>International Journal of Research in Pharmaceutical Sciences</i> 9(2), 2018, 298-308.
29	Vanitha C, S.V.Satyanarayana and <b>K.Bhaskar Reddy</b> . "Development, Optimization and Validation of a Selective Stability-Indicating RP-HPLC Method for Estimation of Glecaprevir and Pibrentasvir and its Degradation Products using Quality by Design Approach". <i>Asian Journal of Chemistry</i> , Vol. 31 No.7 (2019), 1539-1545
30	Vanitha C, S.V.Satyanarayana and <b>K.Bhaskar Reddy</b> . "Quality-By-Design Approach to Stability Indicating RP-HPLC Method Development, Optimization and Validation for the Estimation of Simeprevir in Bulk Drug". <i>Asian Journal of Pharmaceutical and Clinical Research</i> , Vol 12, Issue 5, 2019
31	G.Jyothi Reddy, <b>K.Bhaskar Reddy</b> and G.V.Subba Reddy. " <i>In Vitro</i> $\alpha$ -amylase and $\alpha$ glucosidase inhibitory activity of extracts of <i>Feronia elephantum</i> fruit pulp and <i>Paspalum scrobiculatum</i> grains". <i>Asian Journal of Pharmacy and Pharmacology</i> 2019,5(51):42-47.

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S.No.	Publications
32	G.Jyothi Reddy, <b>K.Bhaskar Reddy</b> and G.V.Subba Reddy. "In vitro $\alpha$ -amylase and $\alpha$ glucosidase inhibitory activity of extracts of Feronia elephantum fruit pulp and Paspalum scrobiculatum grains". <i>Asian Journal of Pharmacy and Pharmacology</i> 2019,5(S1):42-47.
33	G. Jyothi Reddy, <b>K. Bhaskar Reddy</b> , G. V. Subba Reddy. "GC-MS analysis and in- vitro anti-diabetic activity of bioactive fractions of feronia elephantum fruit". <i>International Journal of Pharmaceutical Sciences and Research</i> , 2020; Vol. 11(5): 2415-2424.
34	Gangavaram Jyothi Reddy, <b>Kesavan Bhaskar Reddy</b> , Gopireddy Venkata Subba Reddy. "In vivo Antidiabetic and Antihyperlipidemic Activities of ethyl Acetate/Methanol Fractions of Feronia elephantum Fruit in type 2 Diabetic Rats: Via $\alpha$ -amylase and PPAR- $\gamma$ by using in silico Approach". <i>Indian Journal of Pharmaceutical Education and Research</i>   Vol 54   Issue 3   Jul-Sep, 2020
35	Lakshmi K, R. Shalini, Haseena Begum, Sivalakshmi S, DK Sandeep and <b>K Bhaskar Reddy</b> . "A review on cognitive retraining techniques in children with scholastic skill disability" <i>Acta Biomedica Scientia</i> , 1(4), 2020
35	Gannimani Veerabhadra Rao, Gadela Venkata Radha, M.Krishnaji Rao, S.Brito Raj and <b>K.Bhaskar Reddy</b> : "Formulation, Optimization and In vitro Evaluation of Lovastatin Drug Loaded Solid Lipid Nanoparticles". <i>International Journal of Pharmaceutical Research</i> , Oct-Dec 2020. Vol 12(4), 3721-3729. [SCOPUS INDEXED]
36	Gannimani Veerabhadra Rao, Gadela Venkata Radha, M.Krishnaji Rao, S.Brito Raj and <b>K.Bhaskar Reddy</b> : "In Vivo Pharmacokinetic and Pharmacodynamic Studies of Optimized Anti hyperlipidemic Drug Loaded Solid Lipid Nanoparticles". <i>International Journal of Research in Pharmaceutical Sciences</i> , 2020, 11(4) 7454-7463 [SCOPUS INDEXED]
37	Lakshmi K, Nagamani D, Dr.Anupama, D.K.Sandeep and <b>K.Bhaskar Reddy</b> . "Assessment of Specific Learning Disability in School students of Chittoor District: A Cross Sectional Study". <i>European Journal of Molecular and Clinical Medicine</i> , 7(12), 2020 [SCOPUS INDEXED]

### International & National Conferences/Symposia

S.No.	Publications
1	K.Bhaskar Reddy. <i>"Development of nitrendipine controlled release formulations based on Solid lipid nanoparticle (SLN) and Nano-structured lipid carrier (NLC) for topical delivery: in vitro and ex-vivo characterization"</i> (Oral presentation at World Congress of Pharmacy and Pharmaceutical Sciences, 67 <sup>th</sup> International Congress of FIP, 2007 held at Beijing, China).
2	K.Bhaskar Reddy. <i>"The enhancement effect of surfactants on the penetration of nitrendipine through rat skin"</i> (Poster presentation at World Congress of Pharmacy and Pharmaceutical Sciences, 67 <sup>th</sup> International Congress of FIP, 2007 held at Beijing, China).
3	K.Bhaskar Reddy. <i>"Preparation and in vitro evaluation of nitrendipine nanoparticles"</i> (Poster Presentation at World Congress of Pharmacy and Pharmaceutical Sciences, 66 <sup>th</sup> International Congress of FIP, 2006 held at Salvador Bahia, Brazil).
4	K.Bhaskar Reddy. <i>"Development of SLN and NLC enriched hydrogels for transdermal delivery of nitrendipine"</i> (Oral Presentation at World Congress of Pharmacy and Pharmaceutical Sciences, 68 <sup>th</sup> International Congress of FIP, 2008 held at Basel, Switzerland).
5	K.Bhaskar Reddy. <i>"Lipid Nanoparticles for transdermal drug delivery: in vivo characterization"</i> (Poster Presentation at World Congress of Pharmacy and Pharmaceutical Sciences, 68 <sup>th</sup> International Congress of FIP, 2008 held at Basel, Switzerland).
6	K.Bhaskar Reddy. <i>"Development of lipid nanoparticles enriched hydrogels for transdermal delivery of flurbiprofen: Formulation, pharmacokinetic and pharmacodynamic studies in animals"</i> (Oral Presentation at World Congress of Pharmacy and Pharmaceutical Sciences, 69 <sup>th</sup> International Congress of FIP, 2008 held at Istanbul, Turkey).

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S.No.	Publications
7	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Nano Structured Lipid Carrier loaded Transdermal Patch: Design, Optimization, In vitro and In vivo Pharmacokinetic Evaluation"</i> , International Conference on Innovation in Pharma and Biopharma Industry; held at University of Hyderabad, Hyderabad; during 20 <sup>th</sup> -22 <sup>nd</sup> December, 2017. Also published in conference proceedings ( <i>Poster Presentation</i> ).
8	P. Sucharitha, S.V.Sathyannarayana, K. Bhaskar Reddy. <i>"Formulation and evaluation of Oleuropein extract loaded nanostructured lipid carrier suspension"</i> , International Conference on Innovation in Pharma and Biopharma Industry; held at University of Hyderabad, Hyderabad; during 20 <sup>th</sup> -22 <sup>nd</sup> December, 2017 ( <i>Poster Presentation</i> ).
9	P. Sucharitha, S.V.Sathyannarayana, K. Bhaskar Reddy. <i>"Effect of Pre-treatment techniques on Extraction, Isolation and Characterization of Oleuropein from olive leaves – A Comprehensive study on by using response surface methodology"</i> , two days national seminar on "Current Trends in Bioavailability and Bioequivalence Studies; held at JSS Mysuru; during April 12 <sup>th</sup> & 13 <sup>th</sup> , 2018 ( <i>Poster Presentation</i> ).
10	P.Sucharitha, S.V.Sathyannarayana, K. Bhaskar Reddy. <i>"Extraction, Isolation and Phytochemical Characterization of Oleuropein from Olive leaf"</i> , ICMR sponsored National seminar on "Quality control and Standardization of Ethnopharmaceuticals in the Present Era"; held at Centurion University of Technology and Management Bhubaneswar, Odisha; during March 4 <sup>th</sup> & 5 <sup>th</sup> , 2018 ( <i>Poster Presentation</i> ).
11	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Pharmacokinetic and Pharmacodynamic Studies of Simvastatin Nanostructured Lipid Carrier Loaded Transdermal Patch"</i> , Two days national seminar on "Current trends in bioavailability and bioequivalence studies; held at JSS Mysuru; during April 12 <sup>th</sup> & 13 <sup>th</sup> , 2018 ( <i>Poster Presentation</i> ).

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S.No.	Publications
12	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Pharmacokinetic and Pharmacodynamic Studies of Carvedilol Nanostructured Lipid Carrier Loaded Transdermal Patch"</i> , ICMR sponsored National Seminar, Quantification and Standardization of Ethnopharmaceuticals; held at School of Pharmacy and Life Sciences, CUTM, Bhubaneswar during 4 <sup>th</sup> –5 <sup>th</sup> March 2018 (Poster Presentation)
13	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Design, Development and In vivo Pharmacokinetic Evaluation of Cardiovascular drug loaded Nano Structured Lipid Carrier system"</i> , National Conference on Advanced Research in Pharmaceutical & Chemical Sciences –Emerging Challenges in Practice; held at Oil technological research institute, Ananthapuramu, AP; during 15 <sup>th</sup> -16 <sup>th</sup> September 2017 (Oral Presentation)
14	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"PK-PD Modeling Studies on Nanostructured Lipid carrier loaded Transdermal Drug Delivery System"</i> , National Seminar on Current Trends in Pharmaceutical Sciences; held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh; during 25 <sup>th</sup> September 2017 (Oral Presentation)
15	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Comparative In-vivo Pharmacokinetic studies between Cardiovascular drug loaded NLC and Transdermal Drug Delivery System"</i> , National Seminar on Pharmacovigilance and Drug safety; held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh; during 4 <sup>th</sup> March 2017 (Poster Presentation)
16	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Nanostructured lipid carrier loaded Transdermal drug delivery system: Design, Optimization and In vitro In vivo Pharmacokinetic studies"</i> , National symposium on Impact of Emerging Technologies on Nanomedicine for Anti-Retroviral Therapy; held at JSS Ooty, Tamil Nadu; during 21-22 <sup>nd</sup> October, 2016 (Oral Presentation)
17	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. <i>"Nanostructured Lipid Carrier containing Simvastatin: Formulation, Optimization and Evaluation"</i> , I Technofest 2K16; held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh; during February 25-27 <sup>th</sup> , 2016 (Oral Presentation)



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Established Under Section 3 of the Andhra Pradesh Private Universities (Establishment and Regulation Act, 2016)

18	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. " <i>Optimization of Simvastatin loaded NLC by Hot Homogenization Technique</i> ", DBT sponsored National seminar on Globalizing Traditional Medicine: Biotechnological Approach; held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh; during 26 <sup>th</sup> March, 2016 (Oral Presentation)
19	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. " <i>Design and Evaluation of Lipid Nanoparticle Containing Antilipidemic Drugs</i> ", DBT sponsored National seminar on Global trends in Biotechnology and Pharmaceutical Sciences; held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh; during 19 <sup>th</sup> September, 2015 (Oral Presentation)
20	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. " <i>Formulation, Optimization &amp; In Vitro evaluation of Lipid Nanoparticles containing Antihypertensive drug</i> ", National Seminar on Global Prospectives in Pharmaceutical Sciences (GPPS-2k15); held at Oil technological research institute, Ananthapuramu, Andhra Pradesh; during 11 <sup>th</sup> July 2015 (Oral Presentation)
21	S.Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. " <i>Design and Optimization of lipid nanoparticle containing antihypertensive drug</i> ", National level seminar on Drug Discovery and Nanobiotechnology: Challenges and Opportunities (DDNBCOS 15); held at Sree Vidyanikethan College of Pharmacy, Tirupati, Andhra Pradesh; September 3 <sup>rd</sup> & 4 <sup>th</sup> 2015 (Oral Presentation)
22	S. Brito Raj, K.B.Chandrasekhar, K. Bhaskar Reddy. " <i>Carvedilol Nanostructure Lipid Carriers: Design, Optimization, In vitro and In vivo Pharmacokinetic Evaluation</i> ", One Day National seminar on Alternative to animal use in research, education and toxicity investigation; held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh; during 22 <sup>nd</sup> September 2015 (Poster Presentation)

### ANNEXURE – VI

#### Patents (Filed & Published-10) (Granted-08)

1. “Novel Dual Release Nanostructured Lipid Carrier Enriched Transdermal Patch to Deliver Low Bioavailable Cardiovascular Drugs” [App. No.:202041026683]. (Under Examination) [DoP-10.07.2020]
2. “A Novel Drug delivery system containing Nanoparticle loaded capsule of Hepatoprotective drugs” [App. No.:202041032897]. (21.08.2020)
3. “Dual Retard Inlay Tablet with Low Bioavailable Cardiovascular Drugs” [App.No:202041037164] (Under Examination) [11.09.2020]
4. “Novel Sustained Release Tablet within the Immediate Release Tablet (NSIRT) of Hepatoprotective Drugs” [App. No.202041044343]. (23.10.2020)
5. “Machine Learning Based Smart Detection of Heart Disease Integrated with Big Data [App. No.202041045221] (30.10.2020)
6. “Artificial Neural Network Based Detection of Cardiac Arrhythmia in Heart Patients” [App. No.202041046509] (06.11.2020)
7. “A Method to Feces Transplantation in Obese without Bacteria for Diabetes Control” [App. No.202041051955] (11.12.2020)
8. “Machine Learning Based Breast Cancer Detection in Integration with Fuzzy Logic” [IPR.No.2020104023] (Australian Patent) – **Granted** [10.02.2021]
9. “Artificial Intelligence Based Smart Detection of Lung Disease from Chest X-Ray” [IPR.No. 2020104159] (Australian Patent) – **Granted**
10. “Artificial Intelligence Based Automated Temperature Detection System Integrated with Smart Sanitizer Dispenser” [App. No. 202141000294] (31.03.2021)
11. “IOT Based Smart Medicine Dispensing System in Hospitals” [App.No. 202141008013] (05.03.2021)

12. "A Novel Design of Dual Nozzle Touchless Sanitizer Dispenser"  
[App.No.202141015730] (16.04.2021)
13. "A System for Delivery of Nanocarriers towards Osteosarcoma and Overcoming Cancer Drug Resistance" [App.No. 202022100610]  
(German Patent) – **Granted**
14. Franz Diffusion Cell for Permeation Studies of Transdermal Dosage Forms"  
[App. No. 400702-001] (25.11.2023) – **Granted [DOI-19/01/2024]**
15. AI Enabled Soxhlet Apparatus for Extraction of Herbal Drugs"  
[Design No. 400700-001] (DoI - 11.01.2024) – **Granted [DOI-11/01/2024]**
16. "Ultrasonicator Apparatus for Synthesis of Niosomes"  
[Design No. 400704-001] (DoI – 10.01.2024) – **Granted [DOI-10/01/2024]**
17. "Smart Device for Detection of Active Constituents from Medicinal Plants"  
[Design No. 400962-001] (DoI – 05.01.2024) – **Granted [DOI-05/01/2024]**
18. "Apparatus For Noninvasive Measurement Of Sugar Level Through Saliva"  
[App. No. 400285-001] (20.11.2023) – **Granted [DOI-18/01/2024]**

### ANNEXURE - VII

#### List of Conference/Workshops Conducted/Attended

#### (National and International)

Prof. K. Bhaskar Reddy, has organized and attended several conferences, seminars, workshops and FDPs

1. Convenor for AICTE-AQIS-Short Term Training Program (STTP) on *“Statistical tools and its application in pharmaceutical research”*, for Rs. 3,69,500/-, in the year 2020, (File No. 34-65/168/RJFD/STTP/Policy -1/2018-19).
2. Convenor for DBT-CETP-Seminar Grant (SG) on *“Emerging Trends in Pharmaceutical – Biotechnology on Novel Dosage Form”*, for Rs.50,000/-, in the year 2015, (File No. DBT/CETP/01/201500643 dated 02.06.2015).
3. Convenor for DST sponsored Sub Expert Committee on Women Technology Parks (WTP) under the scheme *“Science and Technology for Women”* for Rs.8,66,000/-, in the year 2014, (File No. SEED/WS/025/2012/SVCE dated 24.01.2014).
4. Convenor for AICTE-AQIS-Seminar Grant (SG) on *“Future Prospects and Pharmaceutical Applications of Gene Targeting”*, for Rs.1,80,000/-, in the year 2014, (File No. 7-129/RJFD/SG/Policy-1/2013-14 dated 26.07.2013).
5. Convenor for One Day National Seminar on *“Current Trends in Pharmaceutical Sciences”* held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh, 25<sup>th</sup> September, 2017.
6. Coordinator for AICTE Sponsored One Day National Seminar on *“Green Environment with Green Chemistry”* held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh, 20<sup>th</sup> July, 2017.

# Apollo Institute of Pharmaceutical Sciences

(Approved by Pharmacy Council of India, New Delhi)

## THE APOLLO UNIVERSITY



Established Under Section 3 of the Andhra Pradesh Private Universities (Establishment and Regulation Act, 2016)

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7. Convenor for One Day National Seminar on *"Pharmacovigilance + Drug Safety"* held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh, 4<sup>th</sup> March, 2017.
8. Convenor for DST Sponsored One Day National Seminar on *"Integrated Farming andushroom Cultivation"* held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh, 6<sup>th</sup> October 2016.
9. Convenor for ICMR Sponsored One Day National Seminar on *"Alternative to Animal Use in Research, Education and Toxicity Investigations"* held at Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor, Andhra Pradesh, 22<sup>nd</sup> September 2015.
10. Convenor for AICTE-AQIS-Seminar Grant (SG) on *"Future Prospects and Pharmaceutical Applications of Gene Targeting"*, for Rs.1,80,000/-, in the year 2014, (File No. 7-129/RJFD/SG/Policy-1/2013-14 dated 26.07.2013)
11. Convenor for DST sponsored Seminar Grant (SG) on *"Role of Novel Carriers in Targeted Drug Delivery"*, for Rs.75,000/-, in the year 2012, (File No. SR/SS/1634/2011-12 dated 28.03.2012).
12. Chaired a session and delivered a lecture, One Day National Workshop on *"Bio-medical Waste Management"* sponsored by A.P. Pollution Control Board-2011.

### ANNEXURE - VIII

#### List of Sponsored Projects from DST, DBT, AICTE & UGC

#### Sanctioned R&D Projects:

1. Successfully completed our research project for financial support entitled, *"Nanoparticle Core Tablet for Colorectal Cancer: Formulation, Optimization, In Vitro & In vivo Characterization Pharmacokinetic studies in animals"*, Sanctioned by All India Council for Technical Education (AICTE), New Delhi under Research Promotion Scheme (RPS) Grant-in-aid Scheme of Rs.5,29,400/- in the year 2017, (File No. 8-75/RJFD/RPS/ POLICY - 1/2016-17 dated 04.08.2017)
2. Successfully completed research project entitled, *"Development of Temozolomide Solid Lipid Nanoparticles: Formulation, In Vitro Characterization and In vivo Pharmacokinetic Studies in Animals"*, Sanctioned by University Grants Commission (UGC), New Delhi under Minor Research Project Scheme (MRP) Grant-in-aid Scheme of Rs.2,00,000/- in the year 2016, (File No. 4-4/2015-2016(MRP/UGC-SERO) P.No.2080 dated October 2016)
3. Successfully completed research project entitled, *"Development of Lipid Nanoparticles Enriched Hydrogels for Transdermal Delivery: Formulation, In vitro Characterization, Pharmacokinetic and Pharmacodynamic Studies in Animals"* Sanctioned by Science and Engineering Research Board (SERB-DST), New Delhi under Young Scientist Scheme (YSS) Grant-in-aid Scheme of Rs.33,84,600/- in the year 2014, (File No. SB/FTP/ETA -0277-2013 dated 04.06.2014)
4. Successfully completed collaborated research project entitled, *"Rural Women Technology Park in Puthalapattu Mandal (Muthirevula Village), Chittoor District, Andhra Pradesh"* Sanctioned by Department of Science and Technology (DST), New Delhi under

# Apollo Institute of Pharmaceutical Sciences

(Approved by Pharmacy Council of India, New Delhi)

## THE APOLLO UNIVERSITY



Established Under Section 3 of the Andhra Pradesh Private Universities (Establishment and Regulation Act, 2016)

SEED Women Technology Park (WTP) Grant-in-aid Scheme of Rs.82,50,000/- in the year 2014, (File No. SEED/WTP/011/ 2014/G, DST, New Delhi dated 12.12.2014)

5. Successfully completed a research project entitled, "*Biosynthesis, characterization and pharmacological screening of silver nanoparticles using ayurvedic plant extracts*" Sanctioned by Department of Science and Technology (DST), New Delhi under Women Scientist Scheme-A (WOS-A) Grant-in-aid Scheme of Rs.25,60,000/- in the year 2013, (File No. SR/WOS-A/LS-492/2012 (G) dated 05.06.2013)
6. Successfully completed research project entitled, "*Development of Solid Lipid Nanoparticles targeting Brain for the Treatment of Cancer in animal models*" Sanctioned by Department of Science and Technology (DST), New Delhi under Women Scientist Scheme-A (WOS-A) Grant-in-aid Scheme of Rs.25,50,000/- in the year 2012, (File No. SR/WOS-A/LS-478/2011 (G) dated 06.06.2012)
7. Completed AICTE-AQIS-Short Term Training Program (STTP) as a convener on "*Statistical tools and its application in pharmaceutical research*", for Rs. 3,69,500/-, in the year 2020, (File No. 34-65/168/RIFD/STTP/Policy -1/2018-19).
8. Completed DBT-CETP-Seminar Grant (SG) on "*Emerging Trends in Pharmaceutical – Biotechnology on Novel Dosage Form*", for Rs.50,000/-, in the year 2015, (File No. DBT/CETP/01/201500643 dated 02.06.2015).
9. Completed DST sponsored Sub Expert Committee on Women Technology Parks (WTP) under the scheme "Science and Technology for Women" as a convener for Rs.8,66,000/-, in the year 2014, (File No. SEED/WS/025/2012/SVCE dated 24.01.2014).
10. Completed AICTE-AQIS-Seminar Grant (SG) on "*Future Prospects and Pharmaceutical Applications of Gene Targeting*", for Rs.1,80,000/-, in the year 2014, (File No. 7-129/RIFD/SG/Policy-1/2013-14 dated 26.07.2013).

11. Completed DST sponsored Seminar Grant (SG) on *“Role of Novel Carriers in Targeted Drug Delivery”*, for Rs.75,000/-, in the year 2012, (File No. SR/SS/1634/2011 -12 dated 28.03.2012).

### R&D Projects Under Review:

1. Proposed for Research Grant for the project entitled *“Formulation, Optimization and Evaluation of Polyherbal Liposomes to Treat Uterine Fibroids”* under State University Research Excellence (SERB SURE), SERB, New Delhi [Cost of the Project) – Rs.31,04,000/- (Under Review)



### ANNEXURE-IX

#### COUNTRIES VISITED IN CONNECTION WITH PROFESSION

S.No.	Country Visited	Period of Visit		Purpose of Visit
		From	To	
1	Brazil	25.08.2006	31.08.2006	Presented Research paper at World Congress of Pharmacy and Pharmaceutical Sciences, 66 <sup>th</sup> International Congress of FIP at Salvador Bahia, Brazil
2	China	31.08.2007	06.09.2007	Presented Research paper at World Congress of Pharmacy and Pharmaceutical Sciences, 67 <sup>th</sup> International Congress of FIP at Beijing, China
3	Thailand	07.08.2007	11.08.2007	Attended International Conference and also visited research laboratories various Pharmacy Colleges at Bangkok, Thailand
4	Uganda (Twice)	20.06.2012 07.03.2013	24.06.2012 12.03.2013	Participated in Uganda International Fair 2012 Participated in Uganda International Fair 2013
5	Sudan	25.06.2012	03.07.2012	<u>Invited Lecture</u> Invited by Dr. Abdel Monim Dawood, Professor at the Academy of Health Sciences, Head Quarters Khartoum, Branch Academy of Health Sciences and Food, Kordofan State, for delivering a Lecture on Advances in Drug Delivery Systems. Also visited various schools and colleges to interact with the students and faculty to have fruitful interactions and deliberations with fellow pharmacy professionals at Khartoum, Sudan
6	Uzbekistan	17.02.2013	21.02.2013	Participated in International Education Fair "Student 2013" at Tashkent, Uzbekistan

# Apollo Institute of Pharmaceutical Sciences

(Approved by Pharmacy Council of India, New Delhi)

## THE APOLLO UNIVERSITY



Established Under Section 3 of the Andhra Pradesh Private Universities (Establishment and Regulation Act, 2016)

S.No.	Country Visited	Period of Visit		Purpose of Visit
		From	To	
7	Nigeria	17.06.2014	20.06.2014	Attended Indian Education Expo organized by Edusoft Associates Ltd. was held on 18 <sup>th</sup> and 19 <sup>th</sup> June, 2014 at Nikoms Events Centre in Lagos, Nigeria
8	Kenya (Twice)	09.06.2017 08.09.2017	19.06.2017 10.09.2017	Participated in Kenya International Fair 2017 and Signed MoU with University of Nairobi
9	South Sudan	22.06.2017	25.06.2017	Meeting with the Ministry of Health; Ministry of Higher Education, and the Honorable Governor, Juba, South Sudan
10	Ethiopia (Thrice)	26.06.2017	7.07.2017	To Meet the Ministry of Science and Technology (MOST) and signed an MoU and MoA between MOST and SVGEI for Student Recruitment, Faculty and Student Exchange Programmes
		04.09.2017	07.09.2017	Invited to by MOST to participate in the Inauguration of "BETRESCIENCE ETHIOPIAN SCHOLARSHIP INITIATIVE" (BSESI) by the Prime Minister of Ethiopia
		04.10.2017	07.10.2017	Invited by Embassy of India at Addis Ababa, Ethiopia on the occasion of State Visit of His Excellency Shri Ram Nath Kovind, President of Republic of India
11	Senegal	08.10.2017	10.10.2017	Meeting with Ministry of Health and Higher Education, Dakar, Senegal
12	Gambia	10.10.2017	16.10.2017	Met Ministry of Higher Education, Research, Science and Technology (MOHERST); Ministry of Health and Social Welfare (MOHSW)  Signed an MOU & MOA with University of The Gambia (UTG)

### **ANNEXURE - X**

#### **PRESTIGIOUS ASSIGNMENTS**

1. Member, Scientific Panel/Scientific Expert Committee "Functional Foods, Nutraceuticals, Dietetic Products and Other Similar Products" by FSSAI, Ministry of Health and family Welfare, New Delhi, Government of India for a second term for a period of three years from January 2023 to December 2025.
2. Nominee of Committee for Control and Supervision of Experiments on Animals (CCSEA), Ministry of Fisheries, Animal Husbandry and Dairying, Department of Animal Husbandry and Dairying, Government of India.
3. Member, National Assessment and Accreditation Council (NAAC) Assessors Panel - Health Sciences.
4. Chairman, Institutional Animal Ethics Committee (IAEC) of CPCSEA.
5. Expert Member in Monitoring Committee of Drugs and Pharmaceuticals Research Programme (DPRP), Department of Science and Technology (DST), New Delhi.
6. Chairman, Institute Innovation Council (IIC), MHRD, Government of India.
7. Chairman, Institutional Animal Ethics Committee (IAEC) of CPCSEA.
8. Deputed as Observer by Pharmacy Council of India, New Delhi for the Survey of Extent of Problems of Spurious and Not of Standard Quality Drugs in the Country Organized by National Institute of Biologicals.
9. Inspector, Pharmacy Council of India (PCI), New Delhi.

### ANNEXURE - XI

#### CONTRIBUTION TO RURAL DEVELOPMENT/EXTENSION SERVICES

Prof. Dr. K. Bhaskar Reddy has participated in the following Student Development and Welfare Activities.

1. Co-ordinator, Unnat Bharath Abhiyan from 2019 to till date.
2. Participated and Attended as Mentor as “Drug Discovery Hackathon 2020 Ambassador” on “Against Covid-19”, on July 2020.
3. Received Certificate of Appreciation for participating in Three Days Training Program on “Disaster Management & First Aid Training for Student Youth” sponsored by Department of Youth Services and Indian Red Cross Society, Government of Andhra Pradesh from 28<sup>th</sup> to 30<sup>th</sup> March, 2019 at Sri Venkateswara College of Pharmacy, Chittoor.
4. Participated in the “Blood Donation Camp”, organized by RVS Hospitals, Chittoor, on 18<sup>th</sup> February, 2019.
5. Received Certificate of Participation from Awareness Programme on “Unified Bharath”, program on 31<sup>st</sup> October, 2018.
6. Got certificate of appreciation for conducting “World Pharmacist Day Celebrations”, on 25<sup>th</sup> September, 2018 at Sri Venkateswara College of Pharmacy, Chittoor.
7. Attended NCC Program on “Answer for Cancer”, on 31<sup>st</sup> May, 2017, and worked as “Cancer Awareness Ambassador”
8. Received “Award of Excellence”, from Rotary Club of Chittoor, for exemplary contribution for “Breast Cancer awareness Programme” and actively working for making a awareness in the lives of people during the year 2017-18.

### ANNEXURE - XII

#### Books and Book Chapters

S.No.	Publications	Scopus Index	Citations	ISBN Number/ PubMed ID Number
1	Prof. Dr. K. Bhaskar Reddy, Director, Centre for Pharmaceutical Nanotechnology, "Environmental Impact on Toxicity of Nanomaterials" Book Chapter in Biogenic Sustainable Nanotechnology	International	-	<a href="https://doi.org/10.1016/B978-0-323-88535-5.00011-1">https://doi.org/10.1016/B978-0-323-88535-5.00011-1</a>
2	Prof. Dr. K. Bhaskar Reddy, Director, authored a book entitled "Hospital Pharmacy Management and Functions (Hospital Pharmacy in India)" from LAMBERT Academic Publishing, Republic of Moldova, December 2021	International	-	ISBN No. 978-620-4-20999-9
3	D. Balanagamani, K. Bhaskar Reddy, K. Sessa Maheswaramma. "Optimization of Ezetimibe Nano Formulation by Two-Level Full Factorial Design". Book Chapter in Royal Society of Chemistry, November 2019, 174-177.	Yes	-	10.1039/9781839160783-00174