

## M.M. COLLEGE OF PHARMACY

### List of Publications 2016-17

Sr. No.	Name of the Teacher	Topic of Research Paper/Publication.	Name of the Research Journal, Publisher, Issue No., Date of Publication, etc.	
			Name	No. and Year
1.	Dr Vipin Saini, Dr Vichitra Kaushik	Evaluation of anti-ulcer activity of esomeprazole magnesium trihydrate film in wistar rats with gastric ulceration induced by Indomethacin	European journal of pharmaceutical and medical research  <b>Publisher:</b> Society for Advance Healthcare Research	3 (10), October, 2016, 443-447
2.	Dr Vipin Saini, Dr. Sumeet Gupta, Mr Vikas Jhawar	Formulation and evaluation of novel controlled release of topical pluronic lecithin organogel of mefenamic acid	Drug Delivery  <b>Publisher:</b> Informa Healthcare USA, Inc	Aug ,2016, 1-9 DOI:10.1080/10717544.2016.1212439
3.	Dr. Sumeet Gupta	Quality by design (QbD) approach of pharmacogenomics in drug designing and formulation development for optimization of drug delivery systems	J of controlled release  <b>Publisher:</b> Elsevier sciences	245, November, 2016, 15-26
4.	Dr. Sumeet Gupta	Implications of designing clarithromycin loaded solid lipid nanoparticles on their pharmacokinetics, antibacterial activity and safety	RSC Advances  <b>Publisher:</b> Royal society of chemistry	6, Oct, 76621-76623, 2016
5.	Dr. Sumeet Gupta	Anxiolytic Activity of Ethanolic Extract of Seeds of <i>Cuminum cyminum</i> Linn in Albino Wistar Rats	International J of toxicological and pharmacological research  <b>Publisher:</b> <a href="https://ijtpr.com/">https://ijtpr.com/</a> Dr. Amrita Chaudhary Publishers, In-IJPQA 35, Printers Nagar II Sitabari Tonk Road Jaipur, Rajasthan	8(4), August, 2016, 219-222
6.	Dr. Sumeet Gupta, Dr. Randhir Dahiya  Dr Mohammad Asad	Anti-depressant activity of <i>Nyctanthes arbor-tristis</i> in mice	Bangladesh J of Pharmacology  <b>Publisher:</b> Bangladesh Pharmacological Society	11, July, 2016, 634-645
7.	Dr. Manish Kumar	Capsulated Surface Solid Dispersion of Loperamide for Targeted Delivery	The Pharmaceutical and chemical Journal  <b>Publisher:</b> <a href="http://www.tpcj.org">www.tpcj.org</a>	Vol-3 (4), December, 2016, 78-90

8.	Dr. Dinesh Kumar Mehta, Dr. Rina Das  Minaxi Saini	Antimicrobial and antioxidant evaluation of some novel synthesized pyridazinone derivatives	International journal of pharmaceutical research  <b>Publisher:</b> Association of Indian Pharmacist	8(4), Oct-Dec, 2016, 53-58
9.	Dr. Dinesh Kumar Mehta, Dr. Rina Das  Poonam Taya	Synthesis and pharmacological evaluation of novel derivatives of N-(5(1H-indol-3-yl)-1,3,4-thiadiazol-2-yl)-5-(substituted phenyl)3-(phenyl amino)-4,5-dihydropyrazole-1-acetamide	International journal of pharmaceutical research  <b>Publisher:</b> Association of Indian Pharmacist	8(4), Oct-Dec, 2016, 53-58
10.	Dr. Dinesh Kumar Mehta, Dr. Rina Das  Vaibhav Sharma	Synthesis of some novel triazole derivatives as schiff bases and their Antimicrobial evaluation	International journal of pharmacy and pharmaceutical sciences  <b>Publisher:</b> Innovare Academic Science, Indore	8(09), September, 2016, 28-31
11.	Dr Dinesh Mehta, Ms Rina Das	Recent advances in anti-inflammatory potential of Pyridazinone derivatives	Mini Reviews in medicinal chemistry  <b>Publisher:</b> Bentham Science Publishers	16(12), July 2016, 996-1012, DOI: 10.2174/1389557516666160611015815
12.	Mr. Girish Kumar Gupta	Synthesis, Biological, and Computational Study of Naphthoquinone Derivatives Containing Heteroatoms	Journal of Chemical Society of Pakistan  <b>Publisher:</b> Chemical Society of Pakistan ,University of Karachi, Pakistan	38(06),December, 2016, 1211-1221
13.	Mr. Girish Kumar Gupta	Identification of common therapeutic targets for selected neurodegenerative disorders: an <i>in silico</i> approach	Journal of Computational Science  <b>Publisher:</b> Elsevier	17(1), Nov., 2016, 292-306
14.	Mr. Girish Kumar Gupta	Synthesis of some Aroylhydrazones and 2,5-Disubstituted-1,3,4-Oxadiazoles as DNA Photocleaving Agents	Medicinal Chemistry (Los Angeles)  <b>Publisher:</b> OMICS International and 5716 Corsa Ave, Suite 110 Westlake, Los Angeles CA 91362-7354, USA	06(7), July, 2016, 474-485
15.	Mr Girish Kumar Gupta	Protein modeling and molecular dynamics simulation of cloned Regucalcin (RGN) gene from Bubalus bubalis	Combinatorial Chemistry & High Throughput Screening  <b>Publisher:</b> Bentham Science publishers, UAE	20(3), June, 2017, 186-192

16.	Mr Girish Kumar Gupta	2,3-Disubstituted-1,4-naphthoquinones containing an arylamine with trifluoromethyl group: Synthesis, biological Evaluation, computational Study	RSC Advances <b>Publisher:</b> Royal Society of Chemistry, United Kingdom	7(41), May, 2017, 25753-64
17.	Mr Girish Kumar Gupta	Current Views on Neurodegeneration: Computational to Clinical Research	Current Topics in Medicinal Chemistry <b>Publisher:</b> Bentham Science Publisher UAE	17(12), April, 2017, 1319
18.	Mr Md Yousuf Ansari	Glucose-6-phosphate dehydrogenase and Trypanothione reductase interaction protects Leishmania donovani from metalloid mediated oxidative stress	Free Radic Biol Med <b>Publisher:</b> Elsevier B.V	106, Feb, 2017, 10-23
19.	Chaudhary Jasmine, Ali Sakir, Jain Akash, Goel Kirti	Litchi chineseis: A Versatile Fruit	Innovations in Pharmacy Planet <b>Publisher:</b> Innovational Publishers	5 (1), Jan-March, 2017, 1-4
20.	Chaudhary Jasmine, Jain Akash and Saini Vipin	A Novel Validated RP-HPLC method for simultaneous determination of Alprazolam (ALP) and Propranolol (PROP) in tablet dosage form	Global Journal of Pharmaceutical Education and Research <b>Publisher:</b> MMU	5 (1-2), Jan- Dec, 2017
21.	Dr. Manish Kumar	Product Recall: A Commentary On Rising Incidences	Universal Journal of Pharmaceutical Research <b>Publisher:</b> <a href="http://www.ujpr.org">http://www.ujpr.org</a> Global Institute of Pharmaceutical Education and Research, Kashipur, Uttarakhand, India	Vol-1(2), December, 2016, 64-70
22.	Dr. Manish Kumar, Dr Shailendra Bhatt, Dr Anuj Malik, and Dr Vipin Saini	Chitosan Based Microspheres of Glibenclamide Incorporated in in-situ Gel for Nasal Delivery: Optimization and in-vitro Evaluation	Journal of Drug Design and Research <b>Publisher:</b> JSciMed Central 1455 Frazee Road, Suite 570 San Diego, California 92108, USA	4 (1), January, 2017, 1-9

## BOOKS Published by the faculty

Sr. No.	Name of the Teacher	Title of the Book Published	Name of the Publisher	Year of Publication	Remarks
<b>Session 2016-17</b>					
1.	Mr Girish Kumar Gupta	Chapter entitled: Drug Designing in Novel Drug Discovery: Trends, Scope and Relevance	Walter de Gruyter GmbH, Berlin/Boston	October, 2016 ISBN:978-3-11-037449-0 PP-15-30	Book chapter in book entitled: Chemical Drug Design (International Publisher)
2.	Mr Girish Kumar Gupta	Chapter entitled: Structure and Ligand Based Approaches in Drug Designing	Walter de Gruyter GmbH, Berlin/Boston	October, 2016 ISBN: 978-3-11-037449-0/PP-31-52.	Book chapter in book entitled: Chemical Drug Design (International Publisher)
3.	Mr Girish Kumar Gupta	Chapter entitled: Mistletoe lectin: A promising cancer therapeutic	Walter de Gruyter GmbH, Berlin/Boston	October, 2016 ISBN: 978-3-11-037449-0/PP-165-182.	Book chapter in book entitled: Chemical Drug Design (International Publisher)
4.	Sumeet Gupta	Chapter entitled: Pathophysiology of Alzheimer disease: current drug therapy	Bentham	Jan 2017, 6, 3-29  <i>ISBN: 9781681083391-16-1039</i>	Book chapter in book entitled: Frontiers in clinical drug research-Alzheimer disorders (International Publisher)

## List of publications 2015-16

Sr . N o.	Name of the Teacher	Topic of Research Paper/Publication.	Name of the Research Journal, Publisher, Issue No., Date of Publication, etc.	
			Name	No. and Year
	Dr. Vipin Saini	Quality audit of herbal drugs - a review	World Journal of Pharmaceutical Research <b>Publisher:</b> WJPR	4(11),Nov, 2015,
	Dr. Vipin Saini, Mr Tulshi Chakraborty, Dr Sumeet Gupta	Formulation and evaluation of both stomach and intestine drug delivery system from unit solid dosage tablet formulation	World Journal of Pharmaceutical Research <b>Publisher:</b> WJPR	4 (10), Oct, 2015, 504-525
	Dr A. Pandurangan, Ms Amandeep Kaur, Ms Diksha Sharma	<i>Bryophyllum Calycinum</i> (Crassulaceae) – An Overview	International Bulletin of Drug Research <b>Publisher:</b> www.ibdr.in	5 (8),July-Dec, 2015, 51-63
	Dr A. Pandurangan	Evaluation of Antimicrobial and Anthelmintic activity of Leaves of <i>Chromolaena Odorata</i> ,	International Bulletin of Drug Research <b>Publisher:</b> www.ibdr.in	5 (8), July-Dec, 2015, 64-71
	Dr Abhay Asthana, Dr Gyati Shilakari	Development and Evaluation of Novel <i>Cordia myxa</i> Fruit Gum based Mucoadhesive Tablets for Gastroretentive Delivery of Losartan Potassium	Journal of Pharmaceutical Sciences & Research <b>Publisher:</b> PharmaInfo Publications	7(9),September, 2015, 652-61
	Dr Sumeet Gupta	Neuroprotective effect of Spirulina fusiform and amantadine in the 6-OHDA induced Parkinsonism in rats	BMC complimentary and alternative medicine <b>Publisher:</b> Springer and BMC	15, August, 2015, 296 Citation:05

Dr. Vichitra Kaushik, Dr. Vipin Saini	In vitro antioxidant potential of <i>Blepharis persica</i> (Burm f) O. kuntze (seeds)	World Journal of Pharmaceutical Research <b>Publisher:</b> WJPR	5 (4), May, 2016, 2084-2096
Dr. Dinesh Mehta, Ms Rina Das	Greener Approach as a Recent Advancement in the Synthesis of Thiadiazole	Int. Journal of Pharma Sci. Rev. and Res. <b>Publisher:</b> Global Research Online	33(1), July-Aug, 2015, 140-147
Dr. Gyati Shilakari Asthana Dr. Abhay Asthana	Formulation and Characterization Of Polycarbophil Coated Mucoadhesive Microspheres of Repaglinide.	Journal of Pharmaceutical Science and Research. Publisher - <b>PharmaInfo Publications</b>	7(11), Nov 2015, 972-977.
Dr. Gyati Shilakari Asthana Dr. Abhay Asthana	Optimization of Compression Force and Lubricant Mixing Time for the Orodispersible Tablets by Design of Experiment Approach.	World Journal of Pharmaceutical Research <b>Publisher:</b> WJPR	4 (11), Nov, 2015 1379-1390
Dr. Gyati Shilakari Asthana Dr. Abhay Asthana	Optimization of Orodispersible Tablets of Amlodipine, Ramipril in Fixed Dose Combination by using Quality by Design (QBD) Approach	Journal of Pharmaceutical Science and Research Publisher - <b>PharmaInfo Publications</b>	7(11), 2015, Nov. 917-922
Dr. Gyati Shilakari Asthana, Dr. Abhay Asthana	QbD-Oriented Development and Characterization of Effervescent Floating-Bioadhesive Tablets of Cefuroxime Axetil	AAPS PharmSciTech <b>Publisher:</b> Springer	2015, Nov, 2015, 1-14 Citation:01

Dr. Gyati Shilakari Asthana, Dr. Abhay Asthana	An Overview On Interrelationship Between Quality By Design (Qbd) & Six Sigma.	World Journal of Pharmacy and Pharmaceutical Sciences <b>Publisher:</b> WJPPS	4 (11), Nov, 2015, 445-457
Dr Gyati Shilakari Asthana, Ms Rina Das, Dr Dinesh Mehta, Dr Abhay Asthana	Synthesis and assessment of antitubercular and antimicrobial activity of some novel triazole and tetrazolo-fused 1, 3, 4-oxadiazole molecules containing pyrazine moiety	Journal of Pharmaceutical Sciences & Research <b>Publisher:</b> PharmaInfo Publications	7(10), Oct, 2015, 806- 811
Girish Kumar Gupta	Sustainable Biomaterials: Current Trends, Challenges and Applications	Molecules <b>Publisher:</b> MDPI AG, Basel, Switzerland	21 (01), Jan, 2016,48 Citation: 02
Mr. Girish Kumar Gupta	Structure based designing and ADME-T studies of butenolidederivatives as potential agents against receptor ICAM-1: A drug targetfor cerebral malaria	Journal of Computational Science <b>Publisher:</b> Elsevier	10, September , 2015,156- 165 Citation: 04
Mr. Girish Kumar Gupta	Trifluoromethylpyrazoles as anti-inflammatory and antibacterial agents: A review	Journal of Flourine Chemistry <b>Publisher:</b> Elsevier	178, August, 2015,306- 326 Citation:09
Dr. Randhir Singh	Attenuating Diabetes: What Really Works?	Current Diabetes Reviews <b>Publisher:</b> Bentham Sciences	12, December, 2015, 1-20 Citation:03
Dr. Randhir Singh	Chemical constituents, antihyperglycemic and antioxidant effects of <i>Nepeta hindostana</i> whole herb in alloxan	Journal of Chemical and Pharmaceutical Research <b>Publisher:</b> Journal of Chemical and Pharmaceutical Research www.jocpr.com	7 (9), Septe mber, 2015, 920-32

		and OGTT induced diabetes in rats		
Dr. Vichitra Kaushik, Dr. Vipin Saini Ahmad		Antimicrobial potential of <i>Blepharis persica</i> (Burm. F.) O. kuntze (seeds)	International Journal of Phytopharmacology <b>Publisher:</b> Pharma Intelligence	7 (3), May, 2016, 92-95
Dr. Vichitra Kaushik, Dr. Vipin Saini		Evaluation of antimicrobial potential of <i>Anemone obtusiloba</i> D. Don.	Der Pharmacia Lettre <b>Publisher:</b> Scholar Research Library	8 (4), April, 2016, 273-276
Dr Vichitra Kaushik, Dr Vipin Saini		Assays for Natural Antioxidant	Global Journal of Biology, Agriculture & Health Science <b>Publisher:</b> GJBAHS	4(3), July-September, 2015, 130-136
Dr. Gyati Shilakari Asthana, Mr Parveen Dr Abhay Asthana		In Vitro and In Vivo Evaluation of Niosomal Formulation for Controlled Delivery of Clarithromycin	Scientifica <b>Publisher:</b> Hindawi Publishing Corporation	2016 (April), 2016, 1-10
Dr. Gyati Shilakari Asthana		<i>Cordia myxa</i> Poyscahharide of Poly (Acrylnitrile) Co Polymer based Mucoadhesive Gastrorenentive Delivery of Captropril.	International Journal of Pharmaceutical Sciences and Research <b>Publisher:</b> Society of Pharmaceutical Sciences and Research	7 (1),2016, Jan,2016 1000-1013 Citation: 01
Dr Prerna Sarup, Ms Suman Bala and Mr Sunil Kamboj		Pharmacology and phytochemistry of oleo-gum resin of <i>Commiphora wightii</i> (Guggulu)	Scientifica <b>Publisher:</b> Hindawi Publishing Corporation	2015, Nov 2015, 1-14 Citation: 01
Dr Sumeet Gupta,		Pharmacognostic al and Preliminary	Pharmacognosy journal, pharmacog.net	7,Nov-Dec, 2015, 333-338



	Ms Manisha Bhatia	Phytochemical Investigations on fruit of <i>Vaccinium macrocarpon</i> aiton	Publisher: Medknow, e- manuscprit service	
	Dr. Randhir Singh	Protective effect of <i>Gymnema sylvestre</i> L. against advanced glycation end-product, sorbitol accumulation and aldose reductase activity in Homoeopathic Formulation	Indian Journal of Research in Homeopathy <b>Publisher:</b> MedKnow	9, December, 2015, 240-8 Citation:01

### BOOKS Published by the faculty

Sr. No.	Name of the Teacher	Title of the Book Published	Name of the Publisher	Year of Publication	Remarks
<b>Session 2015-16</b>					
1.	Dr Sumeet Gupta, Ms Manisha Bhatia	Chapter entitled: Orchid: An Ornamental Treasure	M/S Daya Publishing House, New Delhi, INDIA, A Division of Astral International Pvt. Ltd.	Volume 3, 2015. 493-568	Book chapter in book entitled: Utilisation and Management of Medicinal Plants (National Publisher)
2.	Dr. Suresh Jain	Standard Operating Procedures (SOPs) for Pharmaceutical Instruments.	S.S.Publishers and Distributors, New Dehli	Jan2016 ISBN: 978-81-93176-51-1	National Publisher

## List of publications 2014-15

Sr. No.	Name of the Teacher	Topic of Research Paper/Publication.	Name of the Research Journal, Publisher, Issue No., Date of Publication, etc.	
			Name	No. and Year
1.	Dr.A. Pandurangan	Synthesis of some new paracetamol incorporated shiff bases and their antimicrobial activity	World Journal of Pharmaceutical Research Publisher: WJPR	3(10), Nov, 2014. 557-562
2.	Dr Abhay Asthana, Dr Gyati Shilakari	Development and Evaluation of Nanoemulsifying Preconcentrate of Curcumin for Colon Delivery	The Scientific World Journal Publisher: Hindawi Publishing Corp	2015, March 2015 Citations: 02
3.	Dr Abhay Asthana	Evaluation of wound healing potential of seeds and leaves of <i>Cordia Obliqua</i> wild	International journal of pharmacy and pharmaceutical research Publisher : Human Journals	2(3), Feb 2015, 109-117
4.	Dr Abhay Asthana, Dr Gyati Shilakari Asthana	Development and optimization of Polymeric self-emulsifying nanocapsules for localized drug delivery: design of experiment approach	The Scientific World Journal Publisher: Hindawi Publishing Corp	(2014),Nov 2014,1-12 Citations: 02
5.	Dr. Sumeet Gupta	Development and Evaluation of a Novel Drug in Adhesive Transdermal System of Levodopa and Carbidopa	J of Pharm Innov Publisher: Springer	9, Oct, 2014, 302-308 Citation:03
6.	Dr. Randhir Singh	Molecular Docking Evaluation of Imidazole Analogues as Potent Candida albicans 14 $\alpha$ -Demethylase Inhibitors	Current computer-aided drug design Publisher: Bentham Sciences	11(1), March, 2015, 8-20 Citation:02
7.	Dr. Randhir Singh	Trisubstituted imidazole synthesis: A Review	Mini-Reviews in Organic Chemistry Publisher: Bentham Sciences	12(1), Feb, 2015, 34-65 Citation:05
8.	Dr Randhir Singh	Role of free radical in atherosclerosis, diabetes and dyslipidaemia: larger-than-life	Diabetes/Metabolism Research and Reviews Publisher: Wiley online Library.	31(2), Feb, 2015, 113-26 Citation:23
9.	Dr. Randhir Singh, Dr. Sumeet Gupta	Pharmacological evaluation of hydroalcohol and chloroform extracts of <i>Nyctanthes arbour-tristis</i> l. for antioxidant, anti-inflammatory and analgesic activity	International Journal of Pharmacy and Pharmaceutical Sciences Publisher: Innovare Academic Sciences	6(9), Aug. 2014, 460-465
10.	Dr Randhir Singh	Ameliorative role of gemfibrozil against partial abdominal aortic 4 constriction-induced cardiac hypertrophy in rats	Cardiology in the Young Publisher: Cambridge University press	July 2014; 1-6 Citation:03

11	Dr Randhir Singh	Antidiabetic Activity of <i>Acacia tortilis</i> (Forsk.) Hayne ssp. raddiana Polysaccharide on Streptozotocin-Nicotinamide Induced Diabetic Rats	BioMed Research International Publisher: Hindawi Publishing Corporation	July 2014, 1-9 Citation:04
12	Dr. Dinesh Mehta	A review on the various biological activities of thiadiazole	International journal of Pharmacy and Pharmaceutical Sciences (IJPPS) Publisher: Innovare Academic Sciences Pvt.Ltd	07(04), April, 2015, 39-47
13	Dr. Suresh Jain, Dr Vipin Saini	A Review on analytical method development and validation.	Asian Journal of Biochemical and Pharmaceutical Research Publisher: AJBPR	3 (4), Aug, 2014, 128-142
14	Dr Gyati Shilakari, Dr. Abhay Asthana	Biotransformation of progesterone to 17 $\alpha$ -hydroxyprogesterone by using plant cell suspension culture of <i>Catharanthus Roseus</i>	International Journal of Pharmacy and Pharmaceutical Sciences Publisher: Innovare Academic Sciences Pvt.Ltd	07 (04), April, 2015. 362-368
15	Dr. Suman Bala	1,3,4-Oxadiazole derivatives: Synthesis, Characterization, Antimicrobial potential and Computational studies,	Biomed Research International Publishers: Hindawi Publishing corporation	( 2014), Sept, 2014 Citation:03
16	Mr.Girish Kumar Gupta	Pyranopyrazoles as a new class of FTO inhibitors: A Docking Study	Research Journal of Chemistry and Environment Publisher: <u>International Congress of Chemistry and Environment</u>	19(05), May, 2015, 4.51-60
17	Mr.Girish Kumar Gupta	A Novel Class of COX-II Inhibitors: Computational and Docking Study of Pyran-Pyrimidine Hybrids	Research Journal of Chemistry and Environment Publisher: <u>International Congress of Chemistry and Environment</u>	19(3), March, 2015, 4.43-62
18	Girish Kumar Gupta, Vipin Saini	1,4-diaryl-2-mercaptoimidazoles as a novel class of Antimicrobial Agents: Design, Synthesis and Computational Studies	Medicinal Chemistry Research Publisher: Springer	23(09), Sept, 2014,4209-4222 Citation:03
19	Mr Girish Kumar Gupta	Solvent free synthesis, characterization and DNA photocleavage study of some first transition series metal complexes of cyanoacetohydrazone Schiff's bases	Research Journal of Chemistry and Environment Publisher: International Congress of Chemistry and Environment.	18(09),Sept, 2014 40-45
20	Dr. Vichitra Kaushik	A Novel Herbal Composition of Aqueous Extract of Capparis decidua and its Antinephrolithiasis Activity	American Journal of Advanced Drug Delivery Publisher: Tiba Pharmaceuticals Ltd, India	2 (6), Dec 2014, 767-775
21	Dr. Vichitra Kaushik	A Method of Isolation of Capparisterol from Capparis decidua and Antinephrolithiasis Activity	American Journal of Advanced Drug Delivery Publisher: Tiba Pharmaceuticals Ltd, India	2 (6), Dec 2014, 86 – 94
22	Dr. Vichitra	A review on phytochemical and	International Journal of	1 (1), Sept

	Kaushik	pharmacological potential of Prosopis cineraria	Ethnobiology & Ethnomedicine Publisher: BMR Journals	2014, 1-4
23	Dr. Vichitra Kaushik, Dr. Vipin Saini	Hyperlipidemia: Its Management and Induction	International Journal of Pharmaceutical Sciences and Research Publisher: Society of Pharmaceutical Sciences and Research	5(8),Aug, 2014, 3152-3156
24	SumanBala, Sunil Kamboj, VipinSaini	Mannich Bases: An Important Pharmacophore in Present Scenario	International Journal of Medicinal chemistry Publisher: Hindawi Publishing Corporation	Dec( 2014) ,2014, 1-15  Citation: 09
25	Tulshi Chakraborty, Vipin Saini, Garima Dhingra	Antifungal gel: for different routes of Administration and different drug delivery system	International Journal of Biopharmaceutics Publishers: Pharma Intelligence journals	5(3),Oct, ,2014, 230-40
26	Dr Vipin Saini, Dr.Suresh Jain	A Review on Quality by design approach: a regulatory need.	Mintage journal of pharmaceutical & medical sciences Publisher: Mintage Journals	3 (3), Aug, 2014, 20-26
27	Dr Sumeet Gupta	Establishing correlation between genetics and non response (Author's Reply)	J of post graduate medicine Publisher: Wolters Kluwer, Health Medknow	61 (2), April , 2015, 149
28	Dr. Sumeet Gupta	Correlation of rennin angiotensin system (RAS) candidate gene polymorphisms with response to ramipril in patients with essential hypertension	Journal of postgraduate medicine Publisher: Wolters kluwer health/Medknow	61(1), Jan, 2015, 21-26  Citation:04
29	Dr.Suresh Jain, , Dr Vipin Saini	Development and Validation of RP-HPLC method for the simultaneous estimation of amlodipine besylate, Losartan Potassium,and Hydrochlorthiazide in tablet dosage form	Mintage journal of pharmaceutical & medical sciences Publisher: Mintage Journals	3 (3), Aug,2014, 31-35

### BOOKS Published by the faculty

Sr. No.	Name of the Teacher	Title of the Book Published	Name of the Publisher	Year of Publication	Remarks
<b>Session 2014-15</b>					
1.	Dr. Suresh Jain and Dr Vipin Saini	A Practical Book on Calibration of Analytical Instruments.	Nirali Prakashan, Pune	July 2014, ISBN 978-93-5164-177-3	National Publisher
2.	Dr.Suresh Jain	Multicomponent Analysis using UV-Visible Spectrophotometer.	Lap Lambert Academic Publishing House,	August 2014, ISBN 978-3-659-56328-7	International Publisher

			Germany		
3.	Ms Jasmine Chaudhary, Mr Akash Jain and Dr. Vipin Saini	Novel Rp-Hplc Method For Determination of Pregabalin in Capsule Form	Lap Lambert Academic Publishing House, Germany	August 2014, ISBN: 978-3-659-56425-3	International Publisher
4.	Dr.Suresh Jain	Formulation And Evaluation of IDDS For Depression; A NDDS	Lap Lambert Academic Publishing House, Germany	Sept,2014, ISBN: 978-3-659-51077-9	International Publisher
5.	Dr. Abhay Asthana, Dr Gyati Shilakari Asthana	Fundamentals in Colon Targeted Novel Oral Drug Delivery Technology	Scholar's Press, Germany	Nov, 2014 ISBN: 978-3-639-66676	International Publisher
6.	Dr.Vipin Saini, Dr.Pandurangan	Chapter entitled: Environmental regulations in India	Anamika Publishers & Distributors, New Delhi	Dec 2014 ISBN: 978-81-7975 -654-6, 65-76	Book chapter in book entitled:“Environmental protection and sustainable development” (National Publisher)
7.	Dr. Akash Jain, Ms Jasmine Chaudhary	Evaluation of <i>Jasminum mesnyi</i> extract in Diabetic Nephropathy	Lap Lambert Academic Publishing House, Germany	Dec 2014 ISBN : 978-3-659-63998-2	International Publisher
8.	Dr.Vipin Saini, Dr.Pandurangan	Chapter entitled: Environmental effects on herbal medicines	Excel India Publishers, New Delhi	April, 2015. ISBN:978-93-84869-35-9, 51-55	Book chapter in book entitled:“Environmental issues for socio ecological development”. (National Publisher)
9.	Dr. Abhay Asthana	Herbal drug formulations-boon of nature	Lap Lambert Academic Publishing, Germany	March-April, 2015. ISBN: 978-3-659-68382-4	International Publisher

## List of Publications 2013-14

Sr. No.	Name of the Teacher	Topic of Research Paper/Publication.	Name of the Research Journal, Publisher, Issue No., Date of Publication, etc.	
			Name	No. and Year
1.	Dr. Sumeet Gupta	Buccal films of prednisolone with enhanced bioavailability	Drug Delivery Publisher: Informa Healthcare USA, Inc	3, June , 2014, 1-8 Citation:09
2.	Dr Abhay Asthana, Dr Gyati Shilakari Asthana	QbD-enabled systematic development of gastroretentive multiple-unit microballoons of itopride hydrochloride	Drug Delivery Publisher: Informa Healthcare USA, Inc	June ,2014, 1-15 Citation:04
3.	Dr. Randhir Singh	Diabetic peripheral neuropathy: Current perspective and future directions	Pharmacological Research Publisher: Elsevier	80 ,2014 ,21-35 Citation:70
4.	Dr. Randhir Singh	Phytopharmacological review of Coccinia indica	World Journal of Pharmacy and Pharmaceutical Sciences Publisher: WJPPS	3 (1),2014, Citation:01
5.	Dr. Suresh Jain	Spectrophotometric Determination of Glimepiride and Pioglitazone-Hydrochloride In Bulk and Tablet Dosage Form By Absorption Ratio Method.	Asian Journal of Biochemical and Pharmaceutical Research.  Publisher: AJBPR	4(2),June 2014, 1-7
6.	Dr. Suresh Jain	Crosslinking of Chitosan to Prolonge the Release of Trazadone-HCl	Asian Journal of Biochemical and Pharmaceutical Research. Publisher: AJBPR	4(2),June 2014,72-87
7.	Ms Suman Bala	Design, Synthesis, Characterization, and Computational Studies on Benzamide Substituted Mannich Bases as Novel, Potential Antibacterial Agents	The Scientific World Journal Publisher: Hindawi Publishing Corp.	(2014) ,2014 ,1-9 Citation: 06
8.	Mr Sunil Kamboj	Formulation and Characterization of Drug Loaded Nonionic Surfactant Vesicles (Niosomes) for Oral Bioavailability Enhancement	The Scientific World Journal Publisher: Hindawi Publishing Corp.	(2014), 2014 ,1-8 Citation :18
9.	Mr Girish Kumar Gupta	Synthesis and biological evaluation of some 2-(3,5-dimethyl-1H-pyrazol-1-yl)-1-arylethanones: Antibacterial, DNA photocleavage, and Anticancer activities	European Journal of Medicinal Chemistry Publisher: Elsevier	(81), May 2014, 267- 276 Citation :17
10.	Mr Girish Kumar Gupta	Approaches towards the synthesis of flavonoids: A review	Research Journal of Chemistry and Enviornment  Publisher: International Congress of Chemistry and Environment.	18(06), May 2014 73-83
11.	Mr Girish	1-substituted-4,4,6-trimethyl-3,4-	International Journal of	06(03),

	Kumar Gupta	dihydropyrimidine-2(1H)-thione: green synthesis, antibacterial activity and DNA photocleavage activity	Pharmacy and Pharmaceutical Sciences Publisher: Innovare Academic Sciences	April 2014, 171-175
12.	Mr Girish Kumar Gupta	An analysis of DOAJ: Contribution in the field of physics	International Journal of Information Dissemination and Technology Publisher: M.M.University, Mullana	04 (01), April 2014, 92-94 Citation :04
13.	Mr Girish Kumar Gupta	DHA: An Excellent Source of Bioactive Heterocycles	Letters in Organic Chemistry Publisher: Bentham Science Publishers	11(04), March 2014,273-286
14.	Mr Girish Kumar Gupta	<u>Isoxazoline Containing Natural Products as anticancer agents</u>	European Journal of Medicinal Chemistry Publisher: Elsevier	77, March 2014, 121-133 Citation:53
15.	Mr Girish Kumar Gupta	Isolation of 4-Hydroxythiazoline: A Solid Phase Study in Hantzsch Thiazole Reaction	Research Journal of Environment and Chemistry Publisher: International Congress of Chemistry and Environment	18 (02), Feb 2014, 38-44
16.	Ms Garima Dhingra	Development and characterization of a novel antiacne Niosomal gel of rosmarinic acid	Drug Delivery Publisher: Informa healthcare	3(May), April 2014,1-8 Citation:09
17.	Dr. A. Pandurangan	Synthesis of Some Paracetamol Containing 2-Oxo-Azetidine Derivatives and Their Antimicrobial Activity	World Journal of Pharmacy and Pharmaceutical Sciences Publisher: WJPPS	2(4), 2013, 2156-2165
18.	Dr. A. Pandurangan	Evaluation of hepatoprotective activity of ethanolic extract of Nymphaea alba Linn flower in experimental rats	International Journal of Biomedical Research Publisher: Scholar Science Journal	4(7), 2013, 349-354
19.	Dr. Sumeet Gupta	Assessment of Pharmacokinetic Interaction of Spirulina with Glitazone in a Type 2 Diabetes Rat Model	Journal of Medicinal Food Publisher: Mary Ann Liebert, Inc.	16 (12), 2013, 1095-1100 Citation:01
20.	Dr. Sumeet Gupta, Dr. Randhir Dahiya	Evaluation of Respiratory Parameters Associated with Penh Using Barometric Whole-Body Plethysmography	World Journal of Pharmacy and Pharmaceutical Sciences Publisher: WJPPS	2(5), 2013, 3107-3117
21.	Dr. Randhir Singh, Mr. Girish Kumar Gupta	Management of Diabetic Complications: A Chemical Constituents Based Approach	Journal of Ethnopharmacology Publisher: Elsevier	(150), 2013, 51-70 Citation: 54
22.	Dr. Randhir Singh	Preventive Role of Aqueous and Ethanolic Extracts of Cassia Fistula L. Bark in Algesia and Inflammation	World Journal of Pharmaceutical Research Publisher: WJPR	3(1), 2013, 1371-1381

23.	Dr. Dinesh Mehta, Ms. Rina Das Mehta	Phytochemical Screening and HPLC Analysis of Flavonoid and Anthraquinone Glycoside in <i>Zanthoxylum armatum</i> Fruit	International Journal of Pharmacy and Pharmaceutical Sciences  Publisher: Innovare Academic Science	5(3), 2013, 190-193
24.	Dr. Dinesh Mehta, Ms. Rina Das Mehta	A Review on Biologically Active Schiff Base Derivatives	International Journal of Universal Pharmacy and Bioscience  Publisher: Riya Publications	2(4), 2013, 241-257
25.	Ms. Suman Bala, Mr. Sunil Kamboj, Dr. Vipin Saini	Synthesis, Characterization, and Computational Studies on Pthalic Anhydride-Based Benzylidene – Hydrazide Derivatives as Novel, Potential Anti-Inflammatory Agents	Medicinal Chemistry Research  Publisher: Springer US	22(12), 2013, 1-14 Citation: 06
26.	Ms Suman Bala, Mr. Sunil Kamboj, Dr. Vipin Saini	Anti-Inflammatory, Analgesic Evaluation and Molecular Docking Studies of N-Phenyl Anthranilic Acid-Based 1, 3, 4-Oxadiazole Analogues	Journal of Chemistry  Publisher: Hindawi Publishing Co.	(2013), 2013, 1-6 Citation: 04
27.	Mr. Girish Kumar Gupta	Pyrazole Containing Natural Products: Synthetic Preview and Biological Significance	European Journal of Medicinal Chemistry  Publisher: Elsevier	69(2013), 2013, 735-753 Citation: 118
28.	Mr. Girish Kumar Gupta	Synthesis of Novel Celecoxib Analogues by Bioisosteric Replacement of Sulfonamide as Potent Inflammatory Agents and Cyclooxygenase Inhibitors	Bioorganic and Medicinal Chemistry  Publisher: Elsevier	21(2013), 2013, 4581-4590 Citation: 32
29.	Mr. Girish Kumar Gupta	Authorship Patterns and Collaborative Research Trends in the Field of Chemical Sciences	International Journal of Information Dissemination and Technology  Publisher: M.M. University	3(3), 2013, 184-186 Citation: 12
30.	Ms. Rina Das Mehta, Dr. Dinesh Mehta	A Review: Method Development and Validation of Related Substances by Reverse Phase High Performance Liquid Chromatography According to ICH Guidelines.	International Journal of Universal Pharmacy and Biosciences  Publisher: Riya Publications	2(4), 2013, 86-92
31.	Dr. Sumeet Gupta	Neuropharmacological Profile of Extracts of Aerial Parts of <i>Convolvulus Pluricaulis Choisy</i> in Mice Model	The open neurology journal  Publisher: Bentham	8, June 2014, 11-14 Citation: 01
32.	Dr. Sumeet Gupta, Ms. Manisha Bhatia	Analgesic and anti-inflammatory activities of <i>Clitoria ternatea</i> linn. Leaves extract on rat model	International J of Pharmaceutical Science and Research  Publisher: Society of pharmaceutical sciences	5(2), Feb 2014, 600-606
33.	Dr. Suresh Jain	A Review on the Impurity Profile of	International Journal of	5(2),



		Pharmaceuticals	Drug Formulation and Research Publisher: SIJDFR	March-April 2014, 53-83
34.	Suman Bala, Sunil Kamboj, Vipin Saini	<u>Therapeutic Potential of Hydrazones as Anti-Inflammatory Agents</u>	International Journal of Medicinal Chemistry Publisher : Hindawi Publishing Corp.	Volume 2014, 1-11 Citation: 15
35.	Sunil Kamboj, Suman Bala,	<u>Recent Advances in Permeation Enhancement Techniques for Transdermal Drug Delivery Systems: A Review</u>	Current Drug Therapy Publisher: Bentham Science Publish	8(3), 2014,181-188 Citation: 05
36.	Girish Kumar Gupta	In silico and DNA photocleavage studies of N, N'-bis(1-(4-hydroxy-6-methyl-2-oxo-2H-pyran-3-yl)ethylidene)malonohydrazide Schiff's base and its metal complexes	Der Pharma Chemica Publisher: Scholar Research Library	06 (01), 2014,31-36
37.	Mr Girish Kumar Gupta	Imidazole Containing Natural Products as Antimicrobial Agents: A Review	The Natural Products Journal Publisher: Bentham Science	04(02),Apr-Jun.2014, 4.73-81
38.	Dr.Vipin Saini, Mr. Tulshi Chakraborty, Mr. Akash Jain, Ms. Jasmine	Comparative Study of Resins in the Formulation of Taste Masked Suspension of Erythromycins	International Journal of Pharmaceutical Sciences Review and Research Publisher: Global Research Online	22(1), 2013, 257-263
39.	Dr. Vipin Saini	Solid dispersion :Concept ,BCS classification and role of carrier in improvising drug solubility	Novel sciences International Journal Publisher: <a href="http://www.novelscience.info/">http://www.novelscience.info/</a>	2(5-6), 2013, 104-108
40.	Dr. Abhay Asthana, Dr Gyati Shilakari	Advances in Microspheres based floating drug delivery Systems	Inventi Rapid: NDDS Publisher: Inventi Journal Private Ltd.	2013(2), 2013, 1-7
41.	Dr. Abhay Asthana, Dr. Atul Gupta	Advances in Novel Colon Targeted Drug Delivery System.	Inventi Rapid: NDDS Publisher: Inventi Journal Private Ltd.	2013(3), 2013, 1-8
42.	Dr. Vichitra Kaushik	Diverse Sources of Hepatotoxicity in Rats - A Review	International Journal of Pharmaceutical Sciences Review and Research Publisher: Global Research Online	21(1), 2013, 254-259
43.	Dr. Dinesh Mehta, Rina Das Mehta, Girish Gupta	A Brief Review on Oxadiazole as Potent Anticancer Agent	Inventi Rapid: Med. Chem Publisher: Inventi Journal Private Ltd.	2013(4), 2013, 1-9
44.	Dr. Dinesh Mehta	A Review on Synthesis and Biological	Inventi Impact: Med Chem.	2013(4),

		Evaluation of Spiroketal Derivatives	Publisher: Inventi Journal Private Ltd.	2013, 1-18
45.	Dr. Gyati S. Asthana, Dr. Abhay Asthana	Novel Vesicular Carriers for Topical Drug Delivery and their Applications	International Journal of Pharmaceutical Sciences Review and Research  Publisher: Global Research Online	21(1) 2013 , 77-84
46.	Suman Bala, Sunil Kamboj, Dr.Vipin Saini	Schiff Bases: A Versatile Pharmacophore	Journal of Catalysts  Publisher: Hindawi Publishing Co.	(2013), 2013, 1-14 Citation: 30
47.	Mr.Sunil Kamboj, Dr. Vipin Saini, Ms.Suman Bala	Vesicular Drug Delivery Systems: A Novel Approach for Drug Targeting	International Journal of Drug Delivery  Publisher: Advanced Research Journals	5(2), 2013, 121-123 Citation: 13
48.	Dr Vipin Saini, Dr.Suresh Jain	A Review on Impact of ICH and its harmonization on Human Health Care and Pharmaceuticals.	Journal of Pharmaceutical Research and Clinical Practice Publisher: JPRCP	4 (2), April-June, 2014,1-9
49.	Dr. Vipin Saini, Dr. Vichitra Kaushik	Herbal Approach and Dietary Control In Treatment And Prevention Of Nephrolithiasis	Journal of Drug Research  Publisher: JDR	2(1), 2013, 14-19

### BOOKS Published by the faculty

Sr. No.	Name of the Teacher	Title of the Book Published	Name of the Publisher	Year of Publication	Remarks
<b>Session 2013-14</b>					
1.	Dr.Abhay Asthana	Chapter entitled: Solid lipid nanoparticles: a current approach to new drug delivery systems in nanotechnology	Future Science Ltd.	November: 2013, eISBN: 978-1-909453-49-4, 110-124	Book chapter in book entitled:“Therapeutic Delivery Methods: A Concise Overview of Emerging Areas” (International Publisher)
2.	Dr.Vipin Saini	Chapter entitled: Biotechnology in medicine and herbal drug development (Chapter30)	Basera Verlag, Albert Rashaupfer Strasse 110, Germany	2014, ISBN:978-81-920640-4, 454-468	Book chapter in book entitled:“Nano-medicine:a promising tool to combat tuberculosis and other diseases caused by intracellular pathogens” (International Publisher)

3.	Dr. Vipin Saini and Mr. Girish Kumar Gupta	Chapter entitled: Solid phase synthesis and computational study of some thiazole derivatives of potential biological interest	Wageningen Academic Publishers, Netherland	2014, ISBN Print version: 978-90-8686-243-6 ISBN E-book: 978-90-8686-795-0, 590-594	Book chapter in book entitled: "Industrial, medical and environmental applications of microorganisms. Current status and trends" (International Publisher)
4.	Dr. Vipin Saini, Dr. Pandurangan	Hand Book of Medical Sales Representatives	Lap Lambert Academic Publishing House	March: 2014, ISBN: 978-3-659-21347-2	International Publisher
5.	Dr. Vipin Saini, Dr. Pandurangan, Mr. Sunil and Ms Suman Kamboj	Frequently Asked Questions on Pharma Marketing	Lap Lambert Academic Publishing House	June: 2014, ISBN: 978-3-659-54538-2	International Publisher