

FACULTY PROFILE



Name	Dr. Sushil K. Kashaw				Date of Birth: July 18, 1976
Designation	Associate Professor			Date of holding Present Post	July 15, 2017
Name of the Department and School	Division of Medicinal and Computational Chemistry Department of Pharmaceutical Sciences Dr. Harisingh Gour University (A Central University; 'A' Grade by UGC-NAAC) Sagar (M.P.)-470003				
Contact Details	Email : sushilkashaw@gmail.com				Mobile: 09425655720
Educational Qualifications (UG onwards)		Degree	Year	Subject	University/Institution
	1	Postdoc Fellow	2017		Department of Pharmaceutical Sciences, Eugene Applebaum College of Pharmacy and Health Sciences, Wayne State University, Detroit, Michigan, USA
	2	PhD	2009	Pharmaceutical Chemistry	Deptt. of Pharm. Sci., Dr. H. S. Gour University, Sagar, (M. P.), India
	3	MBA	2014		
	4	M. Pharm.	2000	Pharmaceutical Chemistry	Deptt. of Pharm. Sci., Dr. H. S. Gour University, Sagar, (M. P.), India
	5	B. Pharm.	1998	Pharmacy	Deptt. of Pharm. Sci., Dr. H. S. Gour University, Sagar, (M. P.), India
Research Area/Specialization	Medicinal and Computational Chemistry				
Awards/ Honors / Fellowship Conferred (With details thereof)	S.No.	Name of Award		Awarding Agency	Year
	1	Junior Research Fellowship for M.Pharm by Qualifying Graduate Aptitude Test in Engineering (GATE-98) with 90.45 percentile (All India Rank = 241)		IIT Kanpur	1998
	2.	CDRI-Research Fellowship in Central Drug Research Institute, Lucknow for 1.4 years		CDRI, Lucknow	
	3.	CSIR-Senior Research Fellow in Central Drug Research Institute, Lucknow for 3 months		CSIR, New Delhi	
	4.	Out standing oral presentation award by Association of Pharmacy Profession (APP) in year 2014			
	5.	Travel grant from SERB-DST to attend 2014 AAPS Annual Meeting and Exposition		SERB-DST, New Delhi	02-11-2014 to 06-11-2014 in San Diego, USA
	6.	Raman Post Doctoral Fellow, Eugene Applebaum College of Pharmacy and Health Sciences, Department of Pharm.			

		Sci., Wayne State University, Detroit-USA								
	7	YOUNG SCIENTIST AWARD-2016 by Association of Pharmacy Professionals, India								
	8	Honours Diploma in Computer Programme and Application from AISECT Govt. recognized								
	9	Travel grant from DBT to attend 78 th FIP world congress of Pharmacy and Pharmaceutical Sciences, Glasgow, Scotlan, UK,				02-09-2018 to 06-09-2018				
	10	Association of Pharmaceutical Teachers (M.P. state branch) Best teacher award in Pharmaceutical Sciences.								
	11	UGC Raman PDF travel grant to present paper on “Development of in-silico QSAR models of 1,2,4 oxadiazole derivatives as potential apoptosis inducer and anticancer agents” in 2 nd international conference on Respiratory and Pulmonary Medicine, Chicago, USA, 17-18				October 2016.(International)				
Summary of Publications (Number only)	Research Papers	110	Books	5	Chapter in Books	4	Seminars/ Conferences Proceedings	37	Projects	6

S.No.	Title	Funding Agency	Duration	Date of Completion	Project Value
1	Design, synthesis, anticonvulsant activity and molecular modeling of some novel bioactive 3-(5'-substituted-[1,3,4]-thiadiazole-2'-yl)-2-methyl/phenyl/styryl-(3H)- quinazolinone-4-one	Department of Science and Technology	three years		7,56,000
2	Design, Synthesis, Anticonvulsant Evaluation and molecular modeling of Some New 2, 3-disubstituted 4(3H)- Quinazolinone	University grants Commission	three years		5,26,000
3	In-silico pharmacophore mapping, QSAR and docking analysis of some caspase-3 activators as potential apoptosis inducers and anticancer agents	Department of Science Technology	Two and Years		4,98,000
4	Design, Synthesis and 3D-QSAR analysis of some new 2,3-disubstituted 4(3H)-quinazolinones based on the hybrid approach: Search for potential antiepileptic and least neurotoxic agents	Department of Science Technology	Two and Years		12,00,000
5	Design, Synthesis, antitubercular activity and QSAR analysis of some new substituted 1,2,4-Triazoles derived from Isonicotinic acid hydrazides	MPCST	Two Years		3,48,000
6	Development, pharmacological screening and computer aided drug design of some new bioactive 2,3-disubstituted 4(3H)-quinzoline based compounds as potential anticonvulsants: Exporing possible role of GABA neurotransmitter modulation	Department of Science and Technology	three years		36,39,491

National and International Publications (Details of Research Papers):

		B. R.PrashanthaKumar, Sushil K. Kashaw , Ram K. Agrawal.		
	5	Ajay Kumar, VarshaKashaw, AmitaVerma, Sushil K. Kashaw , Prashant Sahu, Vikash K. Mishra.	Synthesis, characterization and antimycobacterial activity of some newer 1, 2, 4-triazole derivatives.	International Journal of Pharmacy and Biological Sciences: 2015; 5 (2), 379-392.
	6	Vikash Kumar Mishra, Mitali Mishra, Soumya Mishra, Prashant Sahu, Sushil Kumar Kashaw .	Febri-fuge analogues: Promising antimalarial agents.	Asian Journal of Pharmacy and Pharmacology 2015; 1(1): 10-15.
	7	Shivangi Agarwal, Sushil Kumar Kashaw and Arun K Iyer.	Two-dimensional and three-dimensional kNN-MF guided QSAR analysis on the human β_3 -adrenergic receptor agonists for the development of anti-obesity agents.	Chemical Biology letters (Accepted).
	8	Shivangi Agarwal, Mitali Mishra, Vikash K. Mishra, VarshaKashaw and Sushil K. Kashaw .	Structure based molecular docking studies on some 1,3- disubstituted urea derivatives as anti-tubercular agents.	International Journal of Pharmaceutical Sciences and Research.
	9	Ajay Kumar, VarshaKashaw, AmitaVerma, Sushil K. Kashaw , Prashant Sahu, Vikash K. Mishra.	Synthesis, characterization and antimycobacterial activity of some newer 1, 2, 4-triazole derivatives.	International Journal of Pharmacy and Biological Sciences: 2015; 5 (2), 379-392.
	10	P Sahu, D Das, VK Mishra, V Kashaw, SK Kashaw .	Nanoemulsion: a novel eon in cancer chemotherapy.	Mini reviews in medicinal chemistry(In press).
	11	Debashree Das, Anand Chourasia, Prashant Sahu, Vikash K. Mishra, Sushil Kumar Kashaw .	Antihypercholesterolemic potential of omega-3-fatty acid concentrate in alloxan induced diabetic rodent.	IJPSR: 2015; 6(8), 3634- 40
	12	Debashree Das, Prashant Sahu, VarshaKashaw, Sushil Kumar Kashaw .	Formulation and assessment of In-vivo anti-inflammatory potential of omega-3-fatty acid loaded self emulsifying nanoemulsion.	Current Nanomed (In press).
2016	13	R Shukla, SK Kashaw , AP Jain, S Lodhi.	Fabrication of Apigenin loaded gellan gum-chitosan hydrogels (GGCH-HGs) for effective diabetic wound healing.	International Journal of Biological Macromolecules: 2016; 91, 1110-1119.
	14	SJ Chowdhary, A Chowdhary, Sushil Kumar Kashaw .	Macrophage targeting: a strategy for leishmaniasis specific delivery in	International Journal of Pharmacy and Pharmaceutical Sciences: 2016; 8 (2), 16-26.
2017	15	Mitali Mishra, Vikash K. Mishra, Varsha Kashaw, Arun K. Iyer, Sushil Kumar Kashaw .	Comprehensive review on various strategies for antimalarial drug Discovery.	European Journal of Medicinal chemistry. 2017; 125: 1300-1320.
	16	Vikash K Mishra, Mitali Mishra, VarshaKashaw, Sushil K Kashaw .	Synthesis of 1,3,5-trisubstituted pyrazolines as potential antimalarial and antimicrobial agents.	Bioorganic & Medicinal Chemistry(DOI: http://dx.doi.org/10.1016/j.bmc.2017.02.025).
	17	Kaustubh A. Gawde, Prashant Kesharwani, Samaresh Sau, Fazlul H. Sarkar, Subhash Padhye, Sushil K. Kashaw , Arun K. Iyer.	Synthesis and Characterization of Folate Decorated Albumin Bio-conjugate Nanoparticles loaded with a Synthetic Curcumin Difluorinated Analogue.	Journal of Colloid and Interface Science, 2017, 496, 290-299.
	18	Sushil Kumar Kashaw and Arun K. Iyer.	Biodegradable Topical Nanogels in the Treatment of Skin and Superficial Tumors.	Global Journal of nanomedicine. 2017, 1
	19	PrashantSahu, Sushil K Kashaw , Sanyog Jain, Samaresh Sau and Arun K. Iyer.	Assessment of penetration potential of pH stimuli double walled nanogel for the controlled delivery of 5- fluorouracil: Ex vivo and in-vitro evaluation.	Journal of Controlled Release, 2017, 253, 122-136
	20	Prashant Sahu, Sushil K Kashaw , Samaresh Sau, Arun K Iyer.	Stimuli-Responsive Bio-Hybrid Nanogels: an Emerging Platform in Medicinal Arena.	Global Journal of Nanomedicine, 2017, 1, 1-3
	21	KatyayaniTatiparti, Samaresh Sau, Sushil Kumar Kashaw , Arun K. Iyer.	siRNA Delivery Strategies: A Comprehensive Review of Recent Developments.	Nanomaterials 2017, 7(4), 77
	22	Vaibhav Rajoriya, Varsha Kashaw, Sushil Kumar Kashaw .	Design, Synthesis, Characterization and Antitubercular Screening of some New 1,2,4-Triazoles Derived from Isonicotinic Acid Hydrazides., Isoniazid.	LDDD 2017, Vol. 14. 451-462 DOI: 10.2174/157018081466 6170727143806

	23	Sau S, Alsaab HO, Kashaw SK , Tatiparti K, Iyer AK.	Advances in antibody-drug conjugates: A new era of targeted cancer therapy.	Drug Discov Today.2017;22(10):1547-1556.pii: S1359-6446(17)30078-8. doi: 10.1016/j.drudis.2017.05.011.
	24	Hashem O. Alsaab, Samaresh Sau, Rami Alzhrani, KatyayaniTatiparti, KetkiBhise, Sushil K. Kashaw , Arun K. Iyer,	PD-1 and PD-L1 Checkpoint Signaling Inhibition for Cancer Immunotherapy: Mechanism, Combinations, and Clinical Outcome.	Frontiers in Pharmacology, 2017, 8, 561. doi: 10.3389/fphar.2017.00561
	25	Ekta Verma, Shivangi Agarwal, ShailendraPatil, Sushil K. Kashaw and AsmitaGajbiye.	A Mechanistic Approach to Explore Isoniazid Derivatives as Antitubercular Agents Using KNN-MF Based-QSAR Analysis, Pharmacophore Modeling and Molecular Docking.	Current Drug Therapy, 2017, 12(2): 97-114.
	26	Prashant Sahu, Sushil Kashaw , Varun Kushwaha Sanyog Jain, Arun Iyer.	pH Responsive biodegradable nanogels for sustained release of bleomycin.	Bioorganic & Medicinal Chemistry.2017. Doi: 10.1016/j.bmc.2017.06.038.
	27	Sushil Kashaw , Samaresh Sau and Arun K. Iyer.	Nanostructured Lipid Carriers Employing Polyphenols as Promising Anticancer Agents: Quality by Design (QbD) approach. KetkiBhise,	International Journal of Pharmaceutics 2017;526(1-2):506-515
	28	Shweta Jain, Ankur Vaidya, Abhishek K Jain, R K Agrawal, Sushil K. Kashaw ,	Computational analysis of benzyl vinyllogus derivatives as potent PDE3B inhibitor.	Arabian Journal of Chemistry, 2017, 10(1), S109-S113.
	29	KetkiBhise, Samaresh Sau, Hashem Alsaab, Sushil Kashaw , Rakesh Tekade and Arun K. Iyer.	Nanomedicine for cancer diagnosis and therapy: advancement, success and structure activity relationship.	Therapeutic Delivery 2017 8(11)
	30	Debashree Das, PrashantSahu, Vikash K Mishra, Sushil K Kashaw .	Nanoemulsion-the Emerging Contrivance in the Field of Nanotechnology	Nanoscience and nanotechnology Asia. 2017.
	31	Samaresh Sau, Sujan Kumar Mondal, Sushil Kumar Kashaw , and Arun K Iyer, Rajkumar Banerjee.	Combination of Cationic Dexamethasone Derivative and STAT3 inhibitors WP1066) for Aggressive Melanoma: a Strategy for Repurposing Phase I Clinical Trial Drug.	Molecular and Cellular Biochemistry.2017, 436(1-2):119-136.
	32	KatyayaniTatiparti, Kaustubh A Gawde, Hashem Alasab, Samaresh Sau, Sushil Kumar Kashaw , Prashant Kesharwani , and Arun K Iyer.	Pancreatic Cancer - The Role of Hypoxia.	Scientific Pages Pancreatic Cancer 2017, 1(1):1-5
	33	Shivangi Agarwal, Sushil Kumar Kashaw and Arun K Iyer.	Two-dimensional and three-dimensional KNN-MF guided QSAR analysis on the human β_3 -adrenergic receptor agonists for the development of anti-obesity agents.	Chemical Biology letters (Accepted).
2018	34	Richa Singh, Sushil Kumar Kashaw , Vikas Kumar Mishra, Mitali Mishra, Vaibhav Rajoriya, Varsha Kashaw.	Design and Synthesis of New Bioactive 1, 2, 4-Triazoles, Potential Antitubercular and Antimicrobial Agents.	Indian Journal of Pharmaceutical Sciences. 2018, 80(1): 36-45
	35	Samaresh Sau, KatyayaniTatiparti, Hashem O. Alsaab, Sushil K. Kashaw , Arun K. Iyer. Review article.	A tumor multicomponent targeting chemoimmune drug delivery system for reprogramming the tumor microenvironment and personalized cancer therapy.	Drug Discovery Today, 2018
	36	Shivangi Agarwal, Ekta Verma, Vivek Kumar, NamritaLall, Sushil K. Kashaw ,	An integrated computational approach of molecular dynamics simulations, receptor binding studies and pharmacophore mapping analysis in search of potent inhibitors against tuberculosis,	Journal of Molecular Graphics and Modelling, 2018, 83, 17-32.
	37	Priya Singh, Mitali Mishra, Shivangi Agarwal, Sm pharamaresh Sau, Arun K Iyer, Sushil K Kashaw.	Exploring the role of water molecules in the ligand binding domain of PDE4B and PDE4D: Virtual screening based molecular docking of some active scaffolds.	Current computer-aided drug design. 2018.
	38	Debashree Das, Prashant Sahu, Sushil K Kashaw.	Assessment, analysis & evaluation of omega-3-fatty acid concentrate in hypercholesterolemia induced atherosclerosis animal model.	Pharmacy & Pharmacology International Journal. 2018;6(5):383–389
	39	Vaibhav Rajoriya, Varsha Kashaw, Sushik K Kashaw.	Design, Synthesis, Characterization and Antitubercular Screening of some New 1, 2, 4-Triazoles Derived from Isonicotinic Acid Hydrazides.	Letters in Drug Design & Discovery. 2018;15(5):451-62.

	41	Rajesh Shukla, Gaurav Gupta ,Suhil K Kashaw, A.P Jain, S. Lodhi.	Wound healing effect of ethanolic extract from Morning Glory (Ipomoea carnea Jacq.) leaves by using different models in rats.	<i>Pakistan journal of pharmaceutical sciences.</i> 2018;31(4).
	41	Varsha Kashaw, Vaibhav Rajoriya, Rakesh Kumar Jain and Sushil Kumar Kashaw.	Design, synthesis and anti-tubercular potential of some new substituted 1,2,4-triazoles derived from isonicotinic acid hydrazides.	<i>J Pulm Respir Med.</i> DOI: 10.4172/2161-105X.C1.017.
	42	Prabhu C Jaliha, Vaibhav Rajoriya, Varsha Kashaw, Sushil Kumar Kashaw.	ISONIAZID BASED 1,2,4-TRIAZOLES: DESIGN, SYNTHESIS AND BIOLOGICAL EVALUATION.	<i>International Journal of Pharmacy and Biological Sciences IJPBS</i> 8(3); 2018, 43-53.
	43	Rakesh Kumar Jain , Vaibhav Rajoriya , Varsha Kashaw.	Computational study of 2,3-disubstituted-4(3H)quinazolinone derivatives as CNS active compounds: QSAR approach.	<i>Asian Journal of Pharmacy and Pharmacology</i> 2018; 4(5): 602-607
	44	Debashree Das, Prashant Sahu, Sushil K Kashaw.	Assessment, analysis & evaluation of omega-3-fatty acid concentrate in hypercholesterolemia induced atherosclerosis animal model.	<i>Pharmacy & Pharmacology International Journal.</i> 2018;6(5):383–389
2019	45	Prashant Sahu, Sushil K Kashaw, Samaresh Sau , Varun Kushwah , Sanyog Jain, Ram Kishore Agrawal, Arun K Iyer.	pH triggered and charge attracted nanogel for simultaneous evaluation of penetration and toxicity against skin cancer: In-vitro and ex-vivo study.	<i>International journal of biological macromolecules.</i> 2019;128:740-751
	46	Sushil K Kashaw, Shivangi Agarwal, Mitali Mishra, ,Samaresh Sau, Arun K Iyer.	Molecular Docking Analysis of Caspase-3 Activators as Potential Anticancer Agents.	<i>Current computer-aided drug design.</i> 2019;15(1):55-66.

Books Published

	S.No.	Title	Author's Name	Publisher	Year of Publication
	1	Nanogels: a new dawn in anti microbial chemotherapy,	Prashant Sahu, Debashree Das, Varsha Kashaw , Arun K. Iyer&Sushil K Kashaw,	Pharmaceutical nanotechnology (multi volume set) – Elsevier	2017
	2	Nanogels: The Emerging Carrier in Drug Delivery System, Recent Trends in Nanomedicine and Tissue Engineering	Prashant Sahu, Samaresh Sau, Arun K Iyer, Sushil K Kashaw	River Publication	2017
	3	Progress and Prospects of Polymeric Nanogel carrier designs in targeted cancer therapy. A Book of Nanoparticles in Polymer System for Biomedical Applications,	Prashant Sahu, Samresh Sau, Arun K Iyer. Sushil K Kashaw	Apple Academic Publication	2018
	4	PLGA based nanogel: concept and functions, Composites in biomedical engineering: particles (series c)-	Prashant Sahu, VaibhavRajoriya, Sushil K Kashaw, Samaresh Sau and Arun K. Iyer,	Material for Biomedical Engineering, Organic Micro and Nanostructures, Elsevier	2019

Chapters in Books

	1.	Nanogels: a new dawn in anti microbial chemotherapy, Prashant Sahu, Debashree Das, VarshaKashaw , Arun K. Iyer& Sushil K Kashaw , Pharmaceutical nanotechnology (multi volume set) – Elsevier 2017.
	2.	Prashant Sahu, Samaresh Sau, Arun K Iyer, Sushil K Kashaw, Nanogels: The Emerging Carrier in Drug Delivery System, Recent Trends in Nanomedicine and Tissue Engineering, River Publication, 2017
	3.	Prashant Sahu, Samresh Sau, Arun K Iyer. Sushil K Kashaw. Progress and Prospects of Polymeric Nanogel carrier designs in targeted cancer therapy. A Book of Nanoparticles in Polymer System for Biomedical Applications, Apple Academic Publication, 2018.
	4.	PLGA based nanogel: concept and functions, Prashant Sahu, VaibhavRajoriya, Sushil K Kashaw , Samaresh Sau and Arun K. Iyer, Composites in biomedical engineering: particles (series c)- Material for Biomedical Engineering, Organic Micro and Nanostructures, Elsevier 2019

National Seminar/Conference/Workshops (Attended)

	1.	QIP program on “ Recent advances in analytical techniques ” organized by Collage of Pharmacy, New Delhi from 04-03-2002 to 08-03-2002
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	2. QIP program on “ Trends in pharmaceutical analysis ” organized by JSS Collage of Pharmacy, Ooty from 14-02-2006 to 20-02-2006
	3. Orientation program on “ Teachers education in the context of globalization ” organized by RaniDurgaVati Jabalpur University, Jabalpur from 05-01-2009 to 31-01-2009
	4. Staff development program organized by Deptt. of Pharm. Sci., Dr. H.S.Gour University from 13-06-2005 to 25-06-2005
	5. Refresher course on “ Use of computers for research and teaching ” organized by RaniDurgaVati Jabalpur University, Jabalpur from 19-07-2010 to 07-08-2010
	6. Workshop on “ Practical Applications of Modern Tools in Organic Synthesis and Purifications ” organized by IICT, Hyderabad from 21-11-2010 to 25-11-2010
	7. National workshop on “ Drug Design and Discovery ”, organized by Institute of Life Sciences, Bhubaneswar from 03-06 March 2014
	8. Forty five (45) days industrial training in IPCA LABORATORY LIMITED, RATLAM (M.P.)
	9. Hands-on-workshop on Molecular Modelling and Drug Design, organized by Department of Chemistry, Dr. H.S. Gour University, Sagar from 16-17 Dec., 2014
	10. Bioinformative training for trainers , organized by the Bioinformatics centre at CSIR-Institute of Microbial Technology, IMTECH Chandigarh from 20-24 th March 2018.
	11. DBT sponsored Two week Short term Training course on “Biotechnology Research: A tool to improve the Quality of research, In Adina Institute of Pharmaceutical Sciences, Sagar, on 4-19 th Dec. 2017.
	12. MPCST sponsored workshop on “methodology for preparation of high Quality research project and Nework among MPCST & University/ Colleges on 16 th January 2018 on MPCST Bhopal.
	13. GAIN workshop on “Nanotechnology: Nanopartical synthesis and conjugation chemistry for bioapplications, Hisar, Haryana from 16 July 2018 to 20 July 2018.

National Seminar/Conference/Workshops (Organised)

	1. Co-secretary: National Seminar on Emerging trends and challenges in pharmaceutical education and research Nov., 12-13, 2014 (2 days)
	2. Organizing Secretary: National seminar on “Emerging Frontiers and Challenges in Nanotechnology and Drug Design March 01, 2015, (1 day)
	3. Co-ordinators: Scientific committee International conference on novel frontiers in pharmaceutical and health sciences Oct. 10-11, 2015, (2 days)
	4. Convener: registration and transport International Conference and Alumni Meet on Academia-Industry Interactions: Global Pharma Prospects Feb. 6-7, 2016 (2 days)
	5. Co-ordinators: Scientific committee International conference on novel frontiers in pharmaceutical and health sciences Feb. 11-12, 2017, (2 days)
	6. Co-ordinators: National Science Day Celebration 2018. “ Inspiration Ideas and Concept in Science” Dr. HarisinghGour University, Sagar, Madhya Pradesh. 26 th Feb. 2018.

No. of Patents Filed (with date, title and other details)

	S.No	Patent Title	Name of Applicant(s)	Patent No.	Award Date	Agency/Country	Status
	1	Topical Biodegradable chitosan Nanogel of Temozolomide in Treatment of Melanoma	Prashant Sahu Sahu& Kashaw	201721011564	31/03/2017		Filed
	2	A low Cost novel Method for synthesis of Green Tea Extract Nanogel	Prashant Sahu and Sushil K Kashaw	201821017563	16/05/2018		Filed

Invited Lectures delivered (Outside University) with title, date and place:

	1. Teaching Methods presented at Effective teaching and learning skill in pharmacy- Tool for improvement of young pharmacy teachers, SIPS, Sagar from 6-18 July 2009.
	2. Phyto-chemicals as lead for the discovery of newer compounds , presented at Recent trends in herbal drug technology, GRKIST-Pharmacy on 15 April 2012
	3. Applications of TLC and HPLC , presented at National workshop on Spectroscopic and chromatographic techniques, Adina Institute of Pharm. Sci., Sagar from 27-28 July 2014.
	4. Exploring QSAR studies on 4-substituted quinazoline derivatives as antimalarial compounds , presented at APP 3 rd National Convention, Dharm Singh Desai University, Nadiad, Gujarat on 18 January 2014.
	5. Nanogel: versatile and smart drug carrier for the delivery of anticancer drugs presented at Recent trends in herbal drug technology, GRKIST-Pharmacy from 13-14 April 2013
	6. Computational Chemistry: Robust tool for the drug discovery process presented at Progress and advances in human health management and healthcare reforms, ADINA Institute of Pharm. Sci., Sagar from 11-12 Oct. 2014
	7. In-silico QSAR, pharmacophore mapping and docking analysis of anticancer agents presented at Strategic development and key issues in cancer research, APP M.P. branch on 04 Feb., 2014

	8. Working and applications of HPLC presented at National Workshop on Spectroscopic and Chromatographic Techniques, ADINA Institute of Pharm. Sci., Sagar from 27-28 July 2014	
	9. Computer Aided Drug Design: Success stories and Challenges presented at National seminar on Novel Drug Delivery Strategies: A Changing and Challenging Global Scenario, GRKIST, Jabalpur on 15 Nov., 2014	
	10. The role of proteins in drug discovery process presented at National Conference on Recent advances in biotechnologically derived drugs: From drug discovery to development, Ravishanker college of Pharmacy, Bhopal from 21-22 March 2015	
	11. Proteins as Potential drug targets in National Seminar on Current trends in drug discovery and drug delivery, Shri Ram Institute of Technology-Pharmacy, Jabalpur on 11 April 2015.	
	12. Overview on ligand based drug design and success stories of computer aided drug design in National workshop on Molecular Modeling and Drug Design, Sagar Institute of Pharmaceutical Sciences, Sagar M.P.; 17 th December 2015	
	13. Introduction to Pharmacophore mapping and docking studies in National Symposium on Molecular modeling and drug design research, Adina Institute of Pharmaceutical Sciences, Sagar, 5 th March 2016.	
	14. The role of proteins in drug discovery process in National workshop on Applications of CADD in drug discovery and development, Ravishankar College of Pharmacy, 19 th March 2016.	
	15. In-silico pharmacophore mapping and docking studies of indole/benzoximidazole-5-carboximidine derivatives as anti-cancer agents in National seminar on Herbal drug scene: New perspectives on Nano herbal Medicine, Bhagyodaya Tirth Pharmacy College, Sagar, 20 th March 2016.	
	16. Employment beyond the boundaries: lets think out of box , National Seminar on Campus to company: A roadmap of employment, SRK University, Bhopal, 9 September 2017.	
	17. Drug Design: Introduction and Success Stories , Academic Staff College, Dr. H.S. Gour University, Sagar-M.P.	
	18. Collaborative research: a future promise for harmonization , Academic Staff College, Dr. H.S. Gour University, Sagar-M.P.	
	19. Introduction and concepts behind ADC for cancer immunotherapy , DBT sponsored STTC on Biotechnology research: A tool to improve the quality of research, Adina Institute of Pharmaceutical Sciences, Sagar, 4 th Dec to 19 th Dec 2017	
	20. mADC: Future of the cancer treatment by immunotherapy , National Symposium on Dendritic cells based immunotherapy: A harnessing immune responses to cancer, Adina Institute of Pharmaceutical Sciences, Sagar, 10 March 2018	
	21. Role of PCR in genetic engineering , National workshop on Molecular methods: PCR and RT-PCR techniques, Adina Institute of Pharmaceutical Sciences, Sagar, 19-20 September 2017.	
	22. Education beyond the boundaries: opportunities and challenges , National seminar on Trends and techniques in pharmaceutical education and research, SVN institute of Pharmaceutical Sciences, SVN University, Sagar, M.P., 24 November 2017.	
	23. Nanotechnology in the management of cancer , MHRD-GIAN course on Cancer Genomics and Diagnostic, Department of Zoology, Dr. Harisingh Gour University, Sagar, September 24-29, 2018.	
	24. National Symposium on targeting of T-cell metabolism for improvement of cancer Immunology on Topic "Introduction to Onco-Immunology" Adina Institute of Pharmaceutical Sciences, Dr. H. S. Gour University, Sagar, Madhya Pradesh. March 2019.	
No. of Ph.D. Awarded:		03
No. of Ph.D. Scholars working:		02
No. of Foreign Visits :		
	• AAPS Annual meeting and exposition, San Diego, California USA, from 2-6 Nov. Synthesis of some novel bioactives 3-[5-substituted 1,3,4-thiadiazole -2 yl]-2- styryl quinazoline-4(3H)-ones as potential anticonvulsant compounds. QSAR studies on 4-substituted quinazoline derivatives for their antimalarial activity.	
	• Raman Post doctoral Fellow, Eugene Applebaum College of Pharmacy and Health Sciences, Department of Pharm. Sci., Wayne State University, Detroit-USA from 18 August 2016 to 13 May 2017	
	• 78 World Congress of Pharmacy and Pharmaceutical Science, Glasgow, UK from 02-09-2018 to 06-09-2018. Nanogel in oncology: a promising contrivance in cancer therapy	
Memberships in Academic Bodies:		
• IPA		•
• APTI		•
• APP		•
• APPS		•
Other Academic Achievements :		
(i) Membership of the Board of Studies/School Board / Academic Council/ Executive Council (Within/ outside the university)		
• Member of BOS of department and School		
• Member of EC of Dr. H.S. Gour University, Sagar		